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1.6 plexus-classworlds 1.1

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1.8 libjpeg 6b

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==========

README for release 6b of 27-Mar-1998
==========

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Serious users of this software (particularly those incorporating it into larger programs) should contact IJG at jpeg-info@uunet.uu.net to be added to our electronic mailing list. Mailing list members are notified of updates

and have a chance to participate in technical discussions, etc.

This software is the work of Tom Lane, Philip Gladstone, Jim Boucher, Lee Crocker, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi, Guido Vollbeding, Ge' Weijers, and other members of the Independent JPEG Group.

IJG is not affiliated with the official ISO JPEG standards committee.

DOCUMENTATION
ROADMAP
==========

This file contains the following sections:

OVERVIEW General description of JPEG and the IJG software.
LEGAL ISSUES Copyright, lack of warranty, terms of distribution.
REFERENCES Where to learn more about JPEG.
ARCHIVE LOCATIONS Where to find newer versions of this software.
RELATED SOFTWARE Other stuff you should get.
FILE FORMAT WARS Software *not* to get.
TO DO Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:
install.doc How to configure and install the IJG software.
usage.doc Usage instructions for cjpeg, djpeg, jpegtran, rdjpgcom, and wrjpgcom.
*.1 Unix-style man pages for programs (same info as usage.doc).
wizard.doc Advanced usage instructions for JPEG wizards only.
change.log Version-to-version change highlights.
Programmer and internal documentation:
libjpeg.doc How to use the JPEG library in your own programs.
example.c Sample code for calling the JPEG library.
structure.doc Overview of the JPEG library's internal structure.
filelist.doc Road map of IJG files.
coderules.doc Coding style rules --- please read if you contribute code.

Please read at least the files install.doc and usage.doc. Useful information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

OVERVIEW
========

This package contains C software to implement JPEG image compression and decompression. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and gray-scale images.
JPEG is intended for compressing "real-world" scenes; line drawings, cartoons and other non-realistic images are not its strong suit. JPEG is lossy, meaning that the output image is not exactly identical to the input image. Hence you must not use JPEG if you have to have identical output bits. However, on typical photographic images, very good compression levels can be obtained with no visible change, and remarkably high compression levels are possible if you can tolerate a low-quality image. For more details, see the references, or just experiment with various compression settings.

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. For legal reasons, we are not distributing code for the arithmetic-coding variants of JPEG; see LEGAL ISSUES. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application. We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

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that you must include source code if you redistribute it. (See the file
ansi2knr.c for full details.) However, since ansi2knr.c is not needed as part
of any program generated from the IJG code, this does not limit you more than
the foregoing paragraphs do.

The Unix configuration script "configure" was produced with GNU Autoconf.
It is copyright by the Free Software Foundation but is freely distributable.
The same holds for its supporting scripts (config.guess, config.sub,
ltconfig, ltmain.sh). Another support script, install-sh, is copyright
by M.I.T. but is also freely distributable.

It appears that the arithmetic coding option of the JPEG spec is covered by
patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic
coding cannot
legally be used without obtaining one or more licenses. For this reason,
support for arithmetic coding has been removed from the free JPEG software.
(Since arithmetic coding provides only a marginal gain over the unpatented
Huffman mode, it is unlikely that very many implementations will support it.)
So far as we are aware, there are no patent restrictions on the remaining
code.

The IJG distribution formerly included code to read and write GIF files.
To avoid entanglement with the Unisys LZW patent, GIF reading support has
been removed altogether, and the GIF writer has been simplified to produce
"uncompressed GIFs". This technique does not use the LZW algorithm; the
resulting GIF files are larger than usual, but are readable by all standard
GIF decoders.

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REFERENCES
==========

We
highly recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is
Wallace, Gregory K. "The JPEG Still Picture Compression Standard",
Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44.
(Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue handy, a PostScript file containing a revised version of Wallace's article is available at ftp://ftp.uu.net/graphics/jpeg/wallace.ps.gz. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more
leisurely introduction to JPEG can be found in
"The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...

The best full description of JPEG is the textbook "JPEG Still Image Data Compression Standard" by William B. Pennebaker and Joan L. Mitchell, published by Van Nostrand Reinhold, 1993, ISBN 0-442-01272-1. Price US$59.95, 638 pp. The book includes the complete text of the ISO JPEG standards (DIS 10918-1 and draft DIS 10918-2). This is by far the most complete exposition of JPEG in existence, and we highly recommend it.

The
JPEG standard itself is not available electronically; you must order a paper copy through ISO or ITU. (Unless you feel a need to own a certified official copy, we recommend buying the Pennebaker and Mitchell book instead; it's much cheaper and includes a great deal of useful explanatory material.) In the USA, copies of the standard may be ordered from ANSI Sales at (212) 642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI doesn't take credit card orders, but Global does.) It's not cheap: as of 1992, ANSI was charging $95 for Part 1 and $47 for Part 2, plus 7% shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1

is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

Some extensions to the original JPEG standard are defined in JPEG Part 3, a newer ISO standard numbered ISO/IEC IS 10918-3 and ITU-T T.84. IJG currently does not support any Part 3 extensions.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. A copy of the JFIF spec is available from:

Literature Department
C-Cube Microsystems, Inc.
1778 McCarthy Blvd.
Milpitas, CA 95035
phone (408) 944-6300, fax (408) 944-6314

A PostScript version of this document is available by FTP at ftp://ftp.uu.net/graphics/jpeg/jfif.ps.gz. There is also a plain text version at ftp://ftp.uu.net/graphics/jpeg/jfif.txt.gz, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from ftp.sgi.com or from ftp://ftp.uu.net/graphics/jpeg/. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note. libtiff is available from ftp://ftp.sgi.com/graphics/tiff/.

ARCHIVE LOCATIONS

The "official" archive site for this software is ftp.uu.net (Internet address 192.48.96.9). The most recent released version can always be found there in directory graphics/jpeg. This particular version will be archived as ftp://ftp.uu.net/graphics/jpeg/jpegsrc.v6b.tar.gz. If you don't have direct Internet access, UUNET's archives are also available via UUCP; contact help@uunet.uu.net for information on retrieving files that way.

Numerous Internet sites maintain copies of the UUNET files. However, only ftp.uu.net is guaranteed to have the latest official version.

You can also obtain this software in DOS-compatible "zip" archive format from the SimTel archives (ftp://ftp.simtel.net/pub/simtelnet/msdos/graphics/), or on CompuServe in the Graphics Support forum (GO CIS:GRAPHSUP), library 12 "JPEG Tools". Again, these versions may sometimes lag behind the ftp.uu.net release.

The JPEG FAQ (Frequently Asked Questions) article is a useful source of general information about JPEG. It is updated constantly and therefore is not included in this distribution. The FAQ is posted every two weeks to Usenet newsgroups comp.graphics.misc, news.answers, and other groups. It is available on the World Wide Web at http://www.faqs.org/faqs/jpeg-faq/ and other news.answers
archive sites, including the official news.answers
archive at rtfm.mit.edu: ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/.
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send usenet/news.answers/jpeg-faq/part2

RELATED SOFTWARE

Numerous viewing and image manipulation programs now support JPEG. (Quite a few of them use this library to do so.) The JPEG FAQ described above lists some of the more popular free and shareware viewers, and tells where to obtain them on Internet.

If you are on a Unix machine, we highly recommend Jef Poskanzer's free PBMPLUS software, which provides many useful operations on PPM-format image files. In particular, it can convert PPM images to and from a wide range of other formats, thus making cjpeg/djpeg considerably more useful. The latest version is distributed by the NetPBM group, and is available from numerous sites,
notably ftp://wuarchive.wustl.edu/graphics/graphics/packages/NetPBM/.
Unfortunately PBMPLUS/NETPBM is not nearly as portable as the IJG software is; you are likely to have difficulty making it work on any non-Unix machine.

A different free JPEG implementation, written by the PVRG group at Stanford, is available from ftp://havefun.stanford.edu/pub/jpeg/. This program is designed for research and experimentation rather than production use; it is slower, harder to use, and less portable than the IJG code, but it is easier to read and modify. Also, the PVRG code supports lossless JPEG, which we do not. (On the other hand, it doesn't do progressive JPEG.)

FILE FORMAT WARS

Some JPEG programs produce files that are not compatible with our library. The root of the problem is that the ISO JPEG committee failed to specify a concrete file format. Some vendors "filled in the blanks" on their own, creating proprietary formats that no one else could read. (For example, none of the early commercial JPEG implementations for the Macintosh were able to exchange compressed files.)

The file format we have adopted is called JFIF (see REFERENCES). This format has been agreed to by a number of major commercial JPEG vendors, and it has become the de facto standard. JFIF is a minimal or "low end" representation. We recommend the use of TIFF/JPEG (TIFF revision 6.0 as modified by TIFF Technical Note #2) for "high end" applications that need to record a lot of additional data about an image. TIFF/JPEG is fairly new and not yet widely supported, unfortunately.

The upcoming JPEG Part 3 standard defines a file format called SPIFF. SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should be able to read the most common variant of SPIFF. SPIFF has some technical advantages over JFIF, but its major claim to fame is simply that it is an official standard rather than an informal one. At this point it is unclear whether SPIFF will supersede JFIF or whether JFIF will remain the de-facto standard. IJG intends to support SPIFF once the standard is frozen, but we have not decided whether it should become our default output format or not. (In any case, our decoder will remain capable of reading JFIF indefinitely.)

Various proprietary file formats incorporating JPEG compression also exist. We have little or no sympathy for the existence of these formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, open format standards for JPEG files. Don't use a proprietary file format!

TO DO

The major thrust for v7 will probably be improvement of visual quality. The current method for scaling the quantization tables is known not to be very good at low Q values. We also intend to investigate block boundary smoothing, "poor man's variable quantization", and other means of improving quality-vs-file-size performance without

sacrificing compatibility.

In future versions, we are considering supporting some of the upcoming JPEG Part 3 extensions --- principally, variable quantization and the SPIFF file format.

As always, speeding things up is of great interest.

Please send bug reports, offers of help, etc. to jpeg-info@uunet.uu.net.

1.9 plexus-classworlds 1.1-alpha-2

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1.14 maven-artifact-manager 2.2.1

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1.15 javax-inject 1

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1.17 slf4j 1.6.1

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1.18 cdi-api 1.0

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1.19 jsch 0.1.27

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1.20 geronimo-jta 1.0.1

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1.21 guava 10.0.1

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1.22 plexus-container-default 1.0-alpha-9-stable-1

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1.23 kryo 1.04

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1.24 maven-error-diagnostics 2.0.9

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1.25 jsoup 1.6.1

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1.28 junit 4.11

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1.29 apache-log4j 1.2.17

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1.30 commons-beanutils 1.8.3

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1.32 slf4j 1.7.5

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1.35 maven-model 2.0.9

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1.36 maven-archiver 2.5

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1.41 gson 2.2.4

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1.50 poi-ooxml 3.9

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 *
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 */
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1.60 gnu-crypto 2.0.1

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1.66 junit 4.8.1

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1.67 json-simple 1.1

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1.83 junit 4.12

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1.86 aether-api 1.7

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* /opt/cola/permits/96990339_1695283488.347672/0/aether-api-1-7-sources-jar/org/sonatype/aether/repository/Proxy.java
* /opt/cola/permits/96990339_1695283488.347672/0/aether-api-1-7-sources-jar/org/sonatype/aether/collection/DependencyCollectionContext.java
*
 /opt/cola/permits/96990339_1695283488.347672/0/aether-api-1-7-sources-jar/org/sonatype/aether/graph/Dependency.java

1.87 maven-model-builder 3.0

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* /opt/cola/permits/96992349_1695283505.0059924/0/plexus-classworlds-2-2-3-sources-jar/org/codehaus/plexus/classworlds/strategy/ParentFirstStrategy.java
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* /opt/cola/permits/96992349_1695283505.0059924/0/plexus-classworlds-2-2-3-sources-jar/org/codehaus/plexus/classworlds/launcher/Launcher.java
* /opt/cola/permits/96992349_1695283505.0059924/0/plexus-classworlds-2-2-3-sources-jar/org/codehaus/plexus/classworlds/launcher/ConfigurationException.java
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* /opt/cola/permits/96992349_1695283505.0059924/0/plexus-classworlds-2-2-3-sources-jar/org/codehaus/plexus/classworlds/ClassWorldException.java
* /opt/cola/permits/96992349_1695283505.0059924/0/plexus-classworlds-2-2-3-sources-jar/org/codehaus/plexus/classworlds/realm/DuplicateRealmException.java
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Found in path(s):
* /opt/cola/permits/96993709_1695283513.6347597/0/aether-spi-1-7-sources-jar/org/sonatype/aether/spi/connector/Transfer.java
* /opt/cola/permits/96993709_1695283513.6347597/0/aether-spi-1-7-sources-jar/org/sonatype/aether/spi/connector/ArtifactTransfer.java
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* /opt/cola/permits/96993709_1695283513.6347597/0/aether-spi-1-7-sources-jar/org/sonatype/aether/spi/connector/MetadataDownload.java

* /opt/cola/permits/96993709_1695283513.6347597/0/aether-spi-1-7-sources-jar/org/sonatype/aether/spi/log/Logger.java
* /opt/cola/permits/96993709_1695283513.6347597/0/aether-spi-1-7-sources-jar/org/sonatype/aether/spi/connector/MetadataUpload.java
* /opt/cola/permits/96993709_1695283513.6347597/0/aether-spi-1-7-sources-jar/org/sonatype/aether/spi/connector/MetadataTransfer.java

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1.102 plexus-utils 3.0.8

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1.103 wagon-ssh-common 1.0-beta-2

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1.108 commons-collections 3.2

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1.109 jul-to-slf4j 1.7.13

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* /opt/cola/permits/115430656_1695288131.6992774/0/jul-to-slf4j-1-7-13-sources-jar/org/slf4j/bridge/SLF4JBridgeHandler.java

1.110 xalan 2.7.2

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Source: http://www.cs.princeton.edu/~appel/modern/java/CUP
Used By: XSLTC component of xml-xalan/java

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* @author Mikael Grev, MiG InfoCom AB
* Date: 2006-sep-08
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* @author Mikael Grev, MiG InfoCom AB
*        Date: 2006-sep-08
*/
/** Returns the absolute positioning of one or more of the edges. This will be applied last in the layout cycle and will not
```

```
  * affect the flow or grid positions. The positioning is relative to the parent
 and can not (as padding) be used
  * to adjust the edges relative to the old value. May be <code>null</code> and elements may be <code>null</code>.
  * <code>null</code> value(s) for the x2 and y2 will be interpreted as to keep the preferred size and thus the x1
  * and x2 will just absolutely positions the component.
  * <p>
  * Note that {@link #setBoundsInGrid(boolean)} changes the interpretation of thisproperty slightly.
  * <p>
  * For a more thorough explanation of what this constraint does see the white paper or cheat Sheet at
www.migcomponents.com.
  * @return The current value as a new array, free to modify.
  */
```

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* @version 1.0
* @author Mikael Grev, MiG InfoCom AB
* Date: 2006-sep-08
*/
/** Returns the gaps as pixel values.
 * @param parent The parent. Used to get the pixel values.
 * @param defGap The default gap to use if there is no gap set on this object (i.e. it is null).
 * @param
 refSize The reference size used to get the pixel sizes.
 * @param before IF it is the gap before rather than the gap after to return.
 * @return The [min,preferred,max] sizes for the specified gap. Uses {@link net.miginfocom.layout.LayoutUtil#NOT_SET}
 * for gap sizes that are <code>null</code>. Returns <code>null</code> if there was no gap specified. A new and free to use array.
 */

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* /opt/cola/permits/117692136_1695289078.9935892/0/miglayout-3-5-5-sources-jar/net/miginfocom/layout/DimConstraint.java

1.113 javax-el 2.2.6

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*/

/*
 Author: Jacob Hookom
 Email: jacob at hookom.net
       Author: Kin-man Chung
*/

/* == Option Declaration == */
options
{
 STATIC=false;
 NODE_PREFIX="Ast";
 VISITOR_EXCEPTION="javax.el.ELException";
 VISITOR=false;
 MULTI=true;
 NODE_DEFAULT_VOID=true;
 JAVA_UNICODE_ESCAPE=false;
  UNICODE_INPUT=true;
 BUILD_NODE_FILES=true;
}

/* == Parser Declaration == */
PARSER_BEGIN( ELParser )
package com.sun.el.parser;
import java.io.StringReader;
```

```
import javax.el.ELException;
public class ELParser
{
  public static Node parse(String ref) throws ELException
  {
     try {
      return (new ELParser(new StringReader(ref))).CompositeExpression();
     } catch (ParseException pe) {
        throw new ELException(pe.getMessage());
     }
  }
}
PARSER_END( ELParser )

/*
* CompositeExpression
* Allow most flexible parsing, restrict by examining
* type of returned node
*/
AstCompositeExpression CompositeExpression() #CompositeExpression
 : {}
{
 (DeferredExpression() | DynamicExpression() | LiteralExpression())* <EOF> { return jjtThis; }
}

/*
* LiteralExpression
* Non-EL Expression blocks
*/
void LiteralExpression() #LiteralExpression : { Token t = null; }
{
 t=<LITERAL_EXPRESSION> { jjtThis.setImage(t.image); }
}

/*
* DeferredExpression
* #{..} Expressions
*/
void DeferredExpression() #DeferredExpression : {}
{
 <START_DEFERRED_EXPRESSION> Expression() <END_EXPRESSION>
}

/*
* DynamicExpression
* ${..} Expressions
*/
void DynamicExpression() #DynamicExpression : {}
```

```
{
 <START_DYNAMIC_EXPRESSION> Expression() <END_EXPRESSION>
}

/*
* Expression
* EL Expression Language Root, goes to Choice
*/
void Expression() : {}
{
 Choice()
}

/*
* Choice
* For Choice markup a ? b : c, then Or
*/
void Choice() : {}
{
 Or() (<QUESTIONMARK> Choice() <COLON> Choice() #Choice(3))?
}

/*
* Or
* For 'or' '||', then And
*/
void Or() : {}
{
 And() ((<OR0>|<OR1>) And() #Or(2))*
}

/*
* And
* For 'and'
 '&&', then Equality
*/
void And() : {}
{
 Equality() ((<AND0>|<AND1>) Equality() #And(2))*
}

/*
* Equality
* For '==' 'eq' '!=' 'ne', then Compare
*/
void Equality() : {}
{
 Compare()
```

```
 (
  ((<EQ0>|<EQ1>) Compare() #Equal(2))
 |
  ((<NE0>|<NE1>) Compare() #NotEqual(2))
 )*
}

/*
* Compare
* For a bunch of them, then Math
*/
void Compare() : {}
{
 Math()
 (
  ((<LT0>|<LT1>) Math() #LessThan(2))
 |
  ((<GT0>|<GT1>) Math() #GreaterThan(2))
 |
  ((<LE0>|<LE1>) Math() #LessThanEqual(2))
 |
  ((<GE0>|<GE1>) Math() #GreaterThanEqual(2))
 )*
}

/*
* Math
* For '+' '-', then Multiplication
*/
void Math() : {}
{
 Multiplication()
 (
  (<PLUS> Multiplication() #Plus(2))
 |
  (<MINUS> Multiplication() #Minus(2))
 )*
}

/*
* Multiplication
* For a bunch of them, then Unary
*/
void Multiplication() : {}
{
 Unary()
 (
  (<MULT> Unary() #Mult(2))
```

```
|
 ((<DIV0>|<DIV1>) Unary() #Div(2))
|
 ((<MOD0>|<MOD1>) Unary() #Mod(2))
 )*
}

/*
* Unary
* For '-' '!' 'not' 'empty', then Value
*/
void
 Unary() : {}
{
  <MINUS> Unary() #Negative
|
  (<NOT0>|<NOT1>) Unary() #Not
|
  <EMPTY> Unary() #Empty
|
  Value()
}

/*
* Value
* Defines Prefix plus zero or more Suffixes
*/
void Value() : {}
{
 (ValuePrefix() (ValueSuffix())*) #Value(>1)
}

/*
* ValuePrefix
* For Literals, Variables, and Functions
*/
void ValuePrefix() : {}
{
 Literal()
 | NonLiteral()
}

/*
* ValueSuffix
* Either dot or bracket notation
*/
void ValueSuffix() : {}
{
```

```
 DotSuffix() | BracketSuffix()
}

/*
* DotSuffix
* Dot Property and Dot Method
*/
void DotSuffix() #DotSuffix : { Token t = null; }
{
      <DOT> t=<IDENTIFIER> { jjtThis.setImage(t.image); }
      ( (<LPAREN> (Expression() (<COMMA> Expression())*)? <RPAREN> )
         #MethodArguments
      )?
}

/*
* BracketSuffix
* Sub Expression Suffix
*/
void BracketSuffix() #BracketSuffix : {}
{
 <LBRACK> Expression() <RBRACK>
      ( (<LPAREN> (Expression() (<COMMA> Expression())*)? <RPAREN> )
         #MethodArguments

    )?
}

/*
* NonLiteral
* For Grouped Operations, Identifiers, and Functions
*/
void NonLiteral() : {}
{
 <LPAREN> Expression() <RPAREN>
 | LOOKAHEAD(4) Function()
 | Identifier()
}

/*
* Identifier
* Java Language Identifier
*/
void Identifier() #Identifier : { Token t = null; }
{
 t=<IDENTIFIER> { jjtThis.setImage(t.image); }
}
```

```
/*
* Function
* Namespace:Name(a,b,c)
*/
void Function() #Function :
{
 Token t0 = null;
 Token t1 = null;
}
{
 t0=<IDENTIFIER> (<COLON> t1=<IDENTIFIER>)?
 {
  if (t1 != null) {
   jjtThis.setPrefix(t0.image);
   jjtThis.setLocalName(t1.image);
  } else {
   jjtThis.setLocalName(t0.image);
  }
 }
 <LPAREN> (Expression() (<COMMA> Expression())*)? <RPAREN>
}


/*
* Literal
* Reserved Keywords
*/
void Literal() : {}
{
 Boolean()
 | FloatingPoint()
 | Integer()
 | String()
 | Null()
}

/*
* Boolean
* For 'true' 'false'
*/
void Boolean() : {}
{
 <TRUE> #True
 | <FALSE> #False
}

/*
* FloatinPoint
```

```
* For Decimal and Floating Point Literals
*/
void
 FloatingPoint() #FloatingPoint : { Token t = null; }
{
 t=<FLOATING_POINT_LITERAL> { jjtThis.setImage(t.image); }
}

/*
* Integer
* For Simple Numeric Literals
*/
void Integer() #Integer : { Token t = null; }
{
 t=<INTEGER_LITERAL> { jjtThis.setImage(t.image); }
}

/*
* String
* For Quoted Literals
*/
void String() #String : { Token t = null; }
{
 t=<STRING_LITERAL> { jjtThis.setImage(t.image); }
}

/*
* Null
* For 'null'
*/
void Null() #Null : {}
{
 <NULL>
}


/*
==========================================================================================
== */
<DEFAULT> TOKEN :
{
 < LITERAL_EXPRESSION:
   ((~["\\", "$", "#"])
    | ("\\" ("\\" | "$" | "#"))
    | ("$" ~["{", "$"])
    | ("#" ~["{", "#"])
   )+
   | "$"
```

```
  | "#"
 >
|
 < START_DYNAMIC_EXPRESSION: "${" > : IN_EXPRESSION
|
 < START_DEFERRED_EXPRESSION: "#{" > : IN_EXPRESSION
}

<DEFAULT> SKIP : { "\\" }

<IN_EXPRESSION> SKIP : { " " | "\t" | "\n" | "\r" }

<IN_EXPRESSION> TOKEN :
{
 < INTEGER_LITERAL: ["0"-"9"]
 (["0"-"9"])* >
| < FLOATING_POINT_LITERAL: (["0"-"9"])+ "." (["0"-"9"])* (<EXPONENT>)?
  | "." (["0"-"9"])+ (<EXPONENT>)?
  | (["0"-"9"])+ <EXPONENT>
 >
| < #EXPONENT: ["e","E"] (["+","-"])? (["0"-"9"])+ >
| < STRING_LITERAL: ("\"" ((~["\"","\\"])
  | ("\\" ( ["\\","\""] )))* "\"")
  | ("\'" ((~["\'","\\"])
  | ("\\" ( ["\\","\'"] )))* "\'")
 >
| < BADLY_ESCAPED_STRING_LITERAL: ("\"" (~["\"","\\"])* ("\\" ( ~["\\","\""] )))
  | ("\'" (~["\'","\\"])* ("\\" ( ~["\\","\'"] )))
 >
| < TRUE : "true" >
| < FALSE : "false" >
| < NULL : "null" >
| < END_EXPRESSION : "}" > : DEFAULT
| < DOT : "." >
| < LPAREN : "(" >
| < RPAREN : ")" >
| < LBRACK : "[" >
| < RBRACK : "]" >
| < COLON : ":" >
| < COMMA : "," >
| < GT0 : ">" >
| < GT1 : "gt" >
| < LT0 : "<" >
| < LT1 : "lt" >
| < GE0 : ">=" >
| < GE1 : "ge" >
| < LE0 : "<=" >
| < LE1 : "le" >
```

```
| < EQ0 : "==" >
| < EQ1 : "eq" >
| < NE0 : "!=" >
| < NE1 : "ne" >
| < NOT0 : "!" >
| < NOT1 : "not" >
| < AND0 : "&&" >
| < AND1 : "and" >
| < OR0 :
 "||" >
| < OR1 : "or" >
| < EMPTY : "empty" >
| < INSTANCEOF : "instanceof" >
| < MULT : "*" >
| < PLUS : "+" >
| < MINUS : "-" >
| < QUESTIONMARK : "?" >
| < DIV0 : "/" >
| < DIV1 : "div" >
| < MOD0 : "%" >
| < MOD1 : "mod" >
| < IDENTIFIER : (<LETTER>|<IMPL_OBJ_START>) (<LETTER>|<DIGIT>)* >
| < #IMPL_OBJ_START: "#" >
| < #LETTER:
  [
  "\u0024",
  "\u0041"-"\u005a",
  "\u005f",
  "\u0061"-"\u007a",
  "\u00c0"-"\u00d6",
  "\u00d8"-"\u00f6",
  "\u00f8"-"\u00ff",
  "\u0100"-"\u1fff",
  "\u3040"-"\u318f",
  "\u3300"-"\u337f",
  "\u3400"-"\u3d2d",
  "\u4e00"-"\u9fff",
  "\uf900"-"\ufaff"
  ]
 >
| < #DIGIT:
  [
  "\u0030"-"\u0039",
  "\u0660"-"\u0669",
  "\u06f0"-"\u06f9",
  "\u0966"-"\u096f",
  "\u09e6"-"\u09ef",
  "\u0a66"-"\u0a6f",
```

```
  "\u0ae6"-"\u0aef",
  "\u0b66"-"\u0b6f",
  "\u0be7"-"\u0bef",
  "\u0c66"-"\u0c6f",
  "\u0ce6"-"\u0cef",
  "\u0d66"-"\u0d6f",
  "\u0e50"-"\u0e59",
  "\u0ed0"-"\u0ed9",
  "\u1040"-"\u1049"
  ]
 >
| < ILLEGAL_CHARACTER: (~[]) >
}
```

Found in path(s):
* /opt/cola/permits/119263925_1695289670.2380831/0/javax-el-2-2-6-sources-2-tar/javax.el-2.2.6-sources/com/sun/el/parser/ELParser.jjt
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*/
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* /opt/cola/permits/119263925_1695289670.2380831/0/javax-el-2-2-6-sources-2-tar/javax.el-2.2.6-sources/com/googlecode/concurrentlinkedhashmap/package-info.java
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* /opt/cola/permits/119263925_1695289670.2380831/0/javax-el-2-2-6-sources-2-tar/javax.el-2.2.6-sources/com/sun/el/lang/VariableMapperImpl.java
* /opt/cola/permits/119263925_1695289670.2380831/0/javax-el-2-2-6-sources-2-tar/javax.el-2.2.6-sources/com/sun/el/parser/AstNegative.java
* /opt/cola/permits/119263925_1695289670.2380831/0/javax-el-2-2-6-sources-2-tar/javax.el-2.2.6-sources/com/sun/el/parser/AstString.java
* /opt/cola/permits/119263925_1695289670.2380831/0/javax-el-2-2-6-sources-2-tar/javax.el-2.2.6-sources/com/sun/el/parser/AstMod.java
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/opt/cola/permits/119263925_1695289670.2380831/0/javax-el-2-2-6-sources-2-tar/javax.el-2.2.6-sources/com/sun/el/parser/AstCompositeExpression.java
* /opt/cola/permits/119263925_1695289670.2380831/0/javax-el-2-2-6-sources-2-tar/javax.el-2.2.6-sources/com/sun/el/parser/AstTrue.java
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* /opt/cola/permits/119263925_1695289670.2380831/0/javax-el-2-2-6-sources-2-tar/javax.el-2.2.6-sources/com/sun/el/parser/AstLessThanEqual.java
* /opt/cola/permits/119263925_1695289670.2380831/0/javax-el-2-2-6-sources-2-tar/javax.el-2.2.6-sources/com/sun/el/ValueExpressionImpl.java
* /opt/cola/permits/119263925_1695289670.2380831/0/javax-el-2-2-6-sources-2-tar/javax.el-2.2.6-sources/com/sun/el/parser/AstEmpty.java
* /opt/cola/permits/119263925_1695289670.2380831/0/javax-el-2-2-6-sources-2-tar/javax.el-2.2.6-sources/com/sun/el/parser/SimpleNode.java
*
/opt/cola/permits/119263925_1695289670.2380831/0/javax-el-2-2-6-sources-2-tar/javax.el-2.2.6-sources/com/sun/el/parser/BooleanNode.java
* /opt/cola/permits/119263925_1695289670.2380831/0/javax-el-2-2-6-sources-2-tar/javax.el-2.2.6-sources/com/sun/el/ExpressionFactoryImpl.java
* /opt/cola/permits/119263925_1695289670.2380831/0/javax-el-2-2-6-sources-2-tar/javax.el-2.2.6-sources/com/sun/el/parser/AstNot.java
* /opt/cola/permits/119263925_1695289670.2380831/0/javax-el-2-2-6-sources-2-tar/javax.el-2.2.6-sources/com/sun/el/parser/AstNotEqual.java
* /opt/cola/permits/119263925_1695289670.2380831/0/javax-el-2-2-6-sources-2-tar/javax.el-2.2.6-sources/com/sun/el/parser/Node.java
* /opt/cola/permits/119263925_1695289670.2380831/0/javax-el-2-2-6-sources-2-tar/javax.el-2.2.6-sources/com/sun/el/parser/AstDotSuffix.java
* /opt/cola/permits/119263925_1695289670.2380831/0/javax-el-2-2-6-sources-2-tar/javax.el-2.2.6-sources/com/sun/el/util/ReflectionUtil.java
* /opt/cola/permits/119263925_1695289670.2380831/0/javax-el-2-2-6-sources-2-tar/javax.el-2.2.6-sources/com/sun/el/lang/FunctionMapperFactory.java

*
/opt/cola/permits/119263925_1695289670.2380831/0/javax-el-2-2-6-sources-2-tar/javax.el-2.2.6-sources/com/sun/el/parser/AstGreaterThanEqual.java
* /opt/cola/permits/119263925_1695289670.2380831/0/javax-el-2-2-6-sources-2-tar/javax.el-2.2.6-sources/com/sun/el/parser/AstFloatingPoint.java
* /opt/cola/permits/119263925_1695289670.2380831/0/javax-el-2-2-6-sources-2-tar/javax.el-2.2.6-sources/com/sun/el/parser/AstNull.java
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* /opt/cola/permits/119263925_1695289670.2380831/0/javax-el-2-2-6-sources-2-tar/javax.el-2.2.6-sources/com/sun/el/parser/AstMinus.java
* /opt/cola/permits/119263925_1695289670.2380831/0/javax-el-2-2-6-sources-2-tar/javax.el-2.2.6-sources/com/sun/el/util/MessageFactory.java
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* /opt/cola/permits/119263925_1695289670.2380831/0/javax-el-2-2-6-sources-2-tar/javax.el-2.2.6-sources/com/sun/el/parser/AstMult.java
* /opt/cola/permits/119263925_1695289670.2380831/0/javax-el-2-2-6-sources-2-tar/javax.el-2.2.6-sources/com/sun/el/parser/Token.java
*
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* /opt/cola/permits/125452436_1695292588.4821508/0/jersey-mvc-2-17-sources-jar/org/glassfish/jersey/server/mvc/internal/ViewableMessageBodyWriter.java
* /opt/cola/permits/125452436_1695292588.4821508/0/jersey-mvc-2-17-sources-jar/org/glassfish/jersey/server/mvc/spi/AbstractErrorTemplateMapper.java
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* /opt/cola/permits/125452436_1695292588.4821508/0/jersey-mvc-2-17-sources-jar/org/glassfish/jersey/server/mvc/internal/ImplicitViewable.java
* /opt/cola/permits/125452436_1695292588.4821508/0/jersey-mvc-2-17-sources-jar/org/glassfish/jersey/server/mvc/Template.java
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* /opt/cola/permits/125452436_1695292588.4821508/0/jersey-mvc-2-17-sources-jar/org/glassfish/jersey/server/mvc/internal/ResolvingViewableContext.java
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/**
* Provides support for Model, View and Controller (MVC).
* <p/>
* Given the MVC pattern the Controller corresponds to a resource class, the View to a template referenced by a template name,
* and the Model to a Java object (or a Java bean).
* <p/>
* A resource method of a resource class may return an instance of {@link org.glassfish.jersey.server.mvc.Viewable} that
* encapsulates the template name and the model. In this respect the instance of{@link org.glassfish.jersey.server.mvc.Viewable}
* is the response entity. Such a viewable response entity may be set in contexts other than a resource method but for the
* purposes of this section the focus is on resource methods.
* <p/>
* The {@link org.glassfish.jersey.server.mvc.Viewable}, returned by a resource method,
* will be processed such that the template name is resolved to a template reference that identifies a template capable of
* being processed by an appropriate view
 processor.
*
* The view processor then processes template given the model to produce a response entity that is returned to the client.
* <p/>
* For example, the template name could reference a Java Server Page (JSP) and the model will be accessible to that JSP. The
* JSP view processor will process the JSP resulting in an HTML document that is returned as the response entity. (See later
* for more details.)
* <p/>
* Two forms of returning {@link org.glassfish.jersey.server.mvc.Viewable} instances are supported: explicit; and implicit.
*/

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* /opt/cola/permits/125454252_1695292611.257711/0/jersey-media-json-jackson-2-17-sources-jar/org/glassfish/jersey/jackson/package-info.java

1.119 jasypt 1.9.2

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1.120 jersey-media-multipart 2.17

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1.121 jersey-entity-filtering 2.17

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1.124 sqlite 3.12.2

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1.126 file-management 1.2.1

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1.127 maven-shared-io 1.1

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* /opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/org/apache/maven/shared/io/download/DownloadManager.java
* /opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/org/apache/maven/shared/io/scan/SimpleResourceInclusionScanner.java
* /opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/org/apache/maven/shared/io/location/URLLocatorStrategy.java
* /opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/org/apache/maven/shared/io/download/DefaultDownloadManager.java
* /opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/org/apache/maven/shared/io/scan/ResourceInclusionScanner.java
* /opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/org/apache/maven/shared/io/location/LocatorStrategy.java
* /opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/org/apache/maven/shared/io/logging/MessageHolder.java
* /opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/org/apache/maven/shared/io/location/FileLocatorStrategy.java
* /opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/org/apache/maven/shared/io/scan/mapping/SingleTargetMapping.java
* /opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-

jar/org/apache/maven/shared/io/location/Locator.java
* /opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/org/apache/maven/shared/io/location/ArtifactLocation.java
* /opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/org/apache/maven/shared/io/location/FileLocation.java
* /opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/org/apache/maven/shared/io/location/ArtifactLocatorStrategy.java
* /opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/org/apache/maven/shared/io/logging/MessageLevels.java
* /opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/org/apache/maven/shared/io/logging/DefaultMessageHolder.java
*
/opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/org/apache/maven/shared/io/logging/MultiChannelMessageHolder.java
* /opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/org/apache/maven/shared/io/location/Location.java
* /opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/org/apache/maven/shared/io/location/ClasspathResourceLocatorStrategy.java
* /opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/org/apache/maven/shared/io/download/DownloadFailedException.java
* /opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/org/apache/maven/shared/io/logging/PlexusLoggerSink.java
* /opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/org/apache/maven/shared/io/logging/MojoLogSink.java
* /opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/org/apache/maven/shared/io/logging/MessageSink.java
*
/opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/org/apache/maven/shared/io/scan/InclusionScanException.java
* /opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/org/apache/maven/shared/io/location/URLLocation.java
* /opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/org/apache/maven/shared/io/scan/mapping/SuffixMapping.java
* /opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/org/apache/maven/shared/io/scan/StaleResourceScanner.java
* /opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/org/apache/maven/shared/io/scan/mapping/SourceMapping.java
* /opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/org/apache/maven/shared/io/scan/AbstractResourceInclusionScanner.java
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* /opt/cola/permits/134313139_1695296611.8546536/0/maven-shared-io-1-1-sources-jar/META-INF/plexus/components.xml

1.128 maven-reporting-impl 2.1

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1.129 bcel 5.2

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* /opt/cola/permits/142616434_1695306872.0787709/0/okhttp-2-5-0-sources-jar/com/squareup/okhttp/internal/http/HttpDate.java
* /opt/cola/permits/142616434_1695306872.0787709/0/okhttp-2-5-0-sources-jar/com/squareup/okhttp/internal/framed/Spdy3.java
*
 /opt/cola/permits/142616434_1695306872.0787709/0/okhttp-2-5-0-sources-jar/com/squareup/okhttp/internal/framed/FrameReader.java
* /opt/cola/permits/142616434_1695306872.0787709/0/okhttp-2-5-0-sources-jar/com/squareup/okhttp/internal/http/HeaderParser.java
* /opt/cola/permits/142616434_1695306872.0787709/0/okhttp-2-5-0-sources-jar/com/squareup/okhttp/internal/framed/IncomingStreamHandler.java
* /opt/cola/permits/142616434_1695306872.0787709/0/okhttp-2-5-0-sources-jar/com/squareup/okhttp/internal/framed/FramedConnection.java
* /opt/cola/permits/142616434_1695306872.0787709/0/okhttp-2-5-0-sources-jar/com/squareup/okhttp/internal/DiskLruCache.java
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* /opt/cola/permits/142616434_1695306872.0787709/0/okhttp-2-5-0-sources-jar/com/squareup/okhttp/ConnectionPool.java
* /opt/cola/permits/142616434_1695306872.0787709/0/okhttp-2-5-0-sources-jar/com/squareup/okhttp/Connection.java
* /opt/cola/permits/142616434_1695306872.0787709/0/okhttp-2-5-0-sources-jar/com/squareup/okhttp/internal/tls/OkHostnameVerifier.java
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* /opt/cola/permits/142616434_1695306872.0787709/0/okhttp-2-5-0-sources-jar/com/squareup/okhttp/internal/framed/PushObserver.java
* /opt/cola/permits/142616434_1695306872.0787709/0/okhttp-2-5-0-sources-jar/com/squareup/okhttp/Protocol.java
* /opt/cola/permits/142616434_1695306872.0787709/0/okhttp-2-5-0-sources-jar/com/squareup/okhttp/ResponseBody.java
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* /opt/cola/permits/142616434_1695306872.0787709/0/okhttp-2-5-0-sources-jar/com/squareup/okhttp/Credentials.java
* /opt/cola/permits/142616434_1695306872.0787709/0/okhttp-2-5-0-sources-jar/com/squareup/okhttp/MultipartBuilder.java

* /opt/cola/permits/142616434_1695306872.0787709/0/okhttp-2-5-0-sources-jar/com/squareup/okhttp/FormEncodingBuilder.java
* /opt/cola/permits/142616434_1695306872.0787709/0/okhttp-2-5-0-sources-jar/com/squareup/okhttp/Call.java
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* /opt/cola/permits/142616434_1695306872.0787709/0/okhttp-2-5-0-sources-jar/com/squareup/okhttp/CipherSuite.java
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* /opt/cola/permits/144645407_1695307379.355461/0/hk2-locator-2-5-0-b32-sources-zip/org/jvnet/hk2/internal/MethodInterceptorHandler.java
* /opt/cola/permits/144645407_1695307379.355461/0/hk2-locator-2-5-0-b32-sources-zip/org/jvnet/hk2/internal/PopulatorImpl.java
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* /opt/cola/permits/144645623_1695307385.9351852/0/jersey-media-jaxb-2-25-1-sources-zip/org/glassfish/jersey/jaxb/internal/XmlCollectionJaxbProvider.java
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1.136 jersey-client 2.25.1

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* /opt/cola/permits/144646683_1695307393.292425/0/hk2-api-2-5-0-b32-sources-zip/org/jvnet/hk2/annotations/InhabitantAnnotation.java
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* /opt/cola/permits/144646683_1695307393.292425/0/hk2-api-2-5-0-b32-sources-zip/org/glassfish/hk2/api/Proxiable.java

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* /opt/cola/permits/144650284_1695303135.954784/0/jersey-server-2-25-1-sources-jar/org/glassfish/jersey/server/internal/process/MappableException.java
* /opt/cola/permits/144650284_1695303135.954784/0/jersey-server-2-25-1-sources-jar/org/glassfish/jersey/server/SubjectSecurityContext.java
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*/
/**
    * Obtain a {@link InputStream} of the jar file.
    * <p>
    * For most platforms the format for the zip or jar follows the form of
    * the <a href="http://docs.sun.com/source/819-0913/author/jar.html#jarprotocol"jar protcol.</a></p>
    * <ul>
    * <li><code>jar:file:///tmp/fishfingers.zip!/example.txt</code></li>
    * <li><code>zip:http://www.example.com/fishfingers.zip!/example.txt</code></li>
    * </ul>
    * <p>
    * On versions of the WebLogic application server a proprietary format is
    * supported of the following form, which assumes a zip file located on
    * the local file system:
    * </p>
    * <ul>
    * <li><code>zip:/tmp/fishfingers.zip!/example.txt</code></li>
    * <li><code>zip:d:/tempfishfingers.zip!/example.txt</code></li>
    * </ul>
    * <p/>
    * This method will first attempt to create a {@link InputStream} as follows:
    * <pre>
    *   new URL(jarUrlString).openStream();
     * </pre>
    * if that fails with a {@link java.net.MalformedURLException} then the method will
    * attempt to create a {@link InputStream} instance as follows:
    * <pre>
    *  return new new FileInputStream(
    *      UriComponent.decode(jarUrlString, UriComponent.Type.PATH)));
    * </pre>
    *
```

```
    * @param jarUrlString the raw scheme specific part of a URI minus the jar
    *                     entry
    * @return a {@link InputStream}.
    * @throws IOException if there is an error opening the stream.
    */
```

Found in path(s):
* /opt/cola/permits/144650284_1695303135.954784/0/jersey-server-2-25-1-sources-jar/org/glassfish/jersey/server/internal/scanning/JarZipSchemeResourceFinderFactory.java
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* /opt/cola/permits/144650284_1695303135.954784/0/jersey-server-2-25-1-sources-jar/org/glassfish/jersey/server/filter/CsrfProtectionFilter.java
* /opt/cola/permits/144650284_1695303135.954784/0/jersey-server-2-25-1-sources-jar/org/glassfish/jersey/server/model/internal/ResourceModelBinder.java
* /opt/cola/permits/144650284_1695303135.954784/0/jersey-server-2-25-1-sources-jar/org/glassfish/jersey/server/model/internal/VoidVoidDispatcherProvider.java
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* /opt/cola/permits/144650284_1695303135.954784/0/jersey-server-2-25-1-sources-jar/org/glassfish/jersey/server/internal/routing/Router.java
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* /opt/cola/permits/144650284_1695303135.954784/0/jersey-server-2-25-1-sources-jar/org/glassfish/jersey/server/model/internal/JavaResourceMethodDispatcherProvider.java
* /opt/cola/permits/144650284_1695303135.954784/0/jersey-server-2-25-1-sources-jar/org/glassfish/jersey/server/internal/routing/MatchResultInitializerRouter.java
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* /opt/cola/permits/144650284_1695303135.954784/0/jersey-server-2-25-1-sources-jar/org/glassfish/jersey/server/wadl/internal/ApplicationDescription.java
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* /opt/cola/permits/144650284_1695303135.954784/0/jersey-server-2-25-1-sources-jar/org/glassfish/jersey/server/ExtendedUriInfo.java
* /opt/cola/permits/144650284_1695303135.954784/0/jersey-server-2-25-1-sources-jar/org/glassfish/jersey/server/internal/inject/AbstractContainerRequestValueFactory.java
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* /opt/cola/permits/144650284_1695303135.954784/0/jersey-server-2-25-1-sources-
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* /opt/cola/permits/144650284_1695303135.954784/0/jersey-server-2-25-1-sources-jar/org/glassfish/jersey/server/wadl/processor/WadlModelProcessor.java
* /opt/cola/permits/144650284_1695303135.954784/0/jersey-server-2-25-1-sources-jar/org/glassfish/jersey/server/ResourceFinder.java
* /opt/cola/permits/144650284_1695303135.954784/0/jersey-server-2-25-1-sources-jar/org/glassfish/jersey/server/ServerRuntime.java
* /opt/cola/permits/144650284_1695303135.954784/0/jersey-server-2-25-1-sources-jar/org/glassfish/jersey/server/internal/routing/SubResourceLocatorRouter.java
* /opt/cola/permits/144650284_1695303135.954784/0/jersey-server-2-25-1-sources-jar/org/glassfish/jersey/server/ServerProperties.java
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* /opt/cola/permits/144650284_1695303135.954784/0/jersey-server-2-25-1-sources-jar/org/glassfish/jersey/server/internal/monitoring/AbstractSlidingWindowTimeReservoir.java
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* /opt/cola/permits/144652198_1695303146.9236922/0/hk2-utils-2-5-0-b32-sources-zip/org/glassfish/hk2/utilities/reflection/internal/ClassReflectionHelperUtilities.java
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* /opt/cola/permits/144652198_1695303146.9236922/0/hk2-utils-2-5-0-b32-sources-zip/org/glassfish/hk2/utilities/cache/ComputationErrorException.java
* /opt/cola/permits/144652198_1695303146.9236922/0/hk2-utils-2-5-0-b32-sources-zip/org/glassfish/hk2/utilities/cache/internal/WeakCARCacheImpl.java
* /opt/cola/permits/144652198_1695303146.9236922/0/hk2-utils-2-5-0-b32-sources-zip/org/glassfish/hk2/utilities/general/internal/WeakHashClockImpl.java
* /opt/cola/permits/144652198_1695303146.9236922/0/hk2-utils-2-5-0-b32-sources-zip/org/glassfish/hk2/utilities/general/internal/WeakHashLRUImpl.java
* /opt/cola/permits/144652198_1695303146.9236922/0/hk2-utils-2-5-0-b32-sources-zip/org/glassfish/hk2/utilities/general/WeakHashClock.java
* /opt/cola/permits/144652198_1695303146.9236922/0/hk2-utils-2-5-0-b32-sources-zip/org/glassfish/hk2/utilities/cache/WeakCARCache.java
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 /opt/cola/permits/144652198_1695303146.9236922/0/hk2-utils-2-5-0-b32-sources-zip/org/glassfish/hk2/utilities/general/ThreadSpecificObject.java
* /opt/cola/permits/144652198_1695303146.9236922/0/hk2-utils-2-5-0-b32-sources-

zip/org/glassfish/hk2/utilities/cache/CacheUtilities.java
* /opt/cola/permits/144652198_1695303146.9236922/0/hk2-utils-2-5-0-b32-sources-zip/org/glassfish/hk2/utilities/general/WeakHashLRU.java
* /opt/cola/permits/144652198_1695303146.9236922/0/hk2-utils-2-5-0-b32-sources-zip/org/glassfish/hk2/utilities/general/internal/DoubleNode.java
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* /opt/cola/permits/144652198_1695303146.9236922/0/hk2-utils-2-5-0-b32-sources-zip/org/glassfish/hk2/utilities/cache/internal/LRUCacheCheapRead.java
* /opt/cola/permits/144652198_1695303146.9236922/0/hk2-utils-2-5-0-b32-sources-zip/org/glassfish/hk2/utilities/cache/CacheKeyFilter.java
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* /opt/cola/permits/144652198_1695303146.9236922/0/hk2-utils-2-5-0-b32-sources-zip/org/glassfish/hk2/utilities/cache/HybridCacheEntry.java
* /opt/cola/permits/144652198_1695303146.9236922/0/hk2-utils-2-5-0-b32-sources-zip/org/glassfish/hk2/utilities/cache/LRUHybridCache.java
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* /opt/cola/permits/144652198_1695303146.9236922/0/hk2-utils-2-5-0-b32-sources-zip/org/glassfish/hk2/utilities/reflection/ClassReflectionHelper.java
* /opt/cola/permits/144652198_1695303146.9236922/0/hk2-utils-2-5-0-b32-sources-zip/org/glassfish/hk2/utilities/reflection/internal/ClassReflectionHelperImpl.java
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1.141 protobuf-javanano 3.0.0-alpha-5

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* /opt/cola/permits/145424064_1695306389.4288056/0/protobuf-javanano-3-0-0-alpha-5-sources-jar/com/google/protobuf/nano/CodedOutputByteBufferNano.java
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1.142 commons-io 2.4

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1.145 jersey-media-multipart 2.25.1

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1.155 animal-sniffer-annotation 1.14

1.155.1 Available under license :


```
<!DOCTYPE html>
<html lang="en" dir="ltr">
<head profile="http://www.w3.org/1999/xhtml/vocab">
 <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<meta name="viewport" content="width=device-width, initial-scale=1" />
<link rel="shortcut icon" href="https://opensource.org/files/osi_favicon.png" type="image/png" />
<meta name="HandheldFriendly" content="true" />
<link rel="shortlink" href="/node/66" />
<meta name="Generator" content="Drupal 7 (http://drupal.org)" />
<link rel="canonical" href="/licenses/MIT" />
<meta name="MobileOptimized" content="width" />
 <title>The MIT License | Open Source Initiative</title>
 <link type="text/css" rel="stylesheet" href="https://opensource.org/files/css/css_xE-rWrJf-
fncB6ztZfd2huxqgxu4WO-qwma6Xer30m4.css" media="all" />
<link type="text/css" rel="stylesheet"
href="https://opensource.org/files/css/css_4p37TiWeuzRfdymI_lPgCuu6wEwSDhUquxUkHLI7QnU.css"
media="all" />
<link type="text/css" rel="stylesheet"
href="https://opensource.org/files/css/css_MnXiytJtb186Ydycnpwpw34cuUsHaKc80ey5LiQXhSY.css"
 media="all" />
<link type="text/css" rel="stylesheet" href="//maxcdn.bootstrapcdn.com/bootstrap/3.2.0/css/bootstrap.min.css"
media="all" />
```

```
<link type="text/css" rel="stylesheet" href="https://opensource.org/files/css/css_KGZcOm3i1wmtbgZsjo-3V9FM4wZ-5UDcpJ7Vfzmt45E.css" media="all" />
<link type="text/css" rel="stylesheet" href="https://opensource.org/files/css/css_G9cu63kkDQ56GYuF3QrqJxma5HT-bUVZckUWKUzFCF4.css" media="all" />

<!--[if (lt IE 9)]>
<link type="text/css" rel="stylesheet" href="https://opensource.org/sites/all/themes/bootstrap-business/css/ie8.css?ooglib" media="all" />
<![endif]-->


 <!-- HTML5 element support for IE6-8 -->
 <!--[if lt IE 9]>
   <script src="//html5shiv.googlecode.com/svn/trunk/html5.js"></script>
 <![endif]-->
 <script type="text/javascript" src="//code.jquery.com/jquery-1.10.2.min.js"></script>
<script type="text/javascript">
<!--//--><![CDATA[//><!--
window.jQuery || document.write("<script
 src='/sites/all/modules/jquery_update/replace/jquery/1.10/jquery.min.js'>\x3C/script>")
//--><!]]>
</script>
<script type="text/javascript" src="https://opensource.org/files/js/js_aczm2rRgH_slWBPnvD3KMrK7rwa1i99HOq8IUAb99Co.js"></script>
<script type="text/javascript" src="//maxcdn.bootstrapcdn.com/bootstrap/3.2.0/js/bootstrap.min.js"></script>
<script type="text/javascript">
<!--//--><![CDATA[//><!--
jQuery(document).ready(function($) {
  $(window).scroll(function() {
   if($(this).scrollTop() != 0) {
    $("#toTop").fadeIn();
   } else {
    $("#toTop").fadeOut();
   }
  });

  $("#toTop").click(function() {
   $("body,html").animate({scrollTop:0},800);
  });

  });
//--><!]]>
</script>
<script type="text/javascript" src="https://opensource.org/files/js/js_ruOYJN6FkJU2O5L1dAKVnDloSn5R6LjnLW88zFxS1Uw.js"></script>
<script type="text/javascript" src="https://opensource.org/files/js/js_JQHTvV_SkyFlN3f2BnQwnusF-eI6tkX8wrKAk2siiZU.js"></script>
```

```
<script type="text/javascript">
<!--//--><![CDATA[//><!--
jQuery.extend(Drupal.settings,
{"basePath":"\/","pathPrefix":"","ajaxPageState":{"theme":"bootstrap_business","theme_token":"s2vZViqeD3l9Fq1
EBk624uZGzbS0vJ_7HPPuTvDaaeA","js":{"\/\/code.jquery.com\/jquery-
1.10.2.min.js":1,"0":1,"misc\/jquery.once.js":1,"misc\/drupal.js":1,"\/\/maxcdn.bootstrapcdn.com\/bootstrap\/3.2.0\/js
\/bootstrap.min.js":1,"1":1,"sites\/all\/libraries\/superfish\/jquery.hoverIntent.minified.js":1,"sites\/all\/libraries\/supe
rfish\/sftouchscreen.js":1,"sites\/all\/libraries\/superfish\/sfsmallscreen.js":1,"sites\/all\/libraries\/superfish\/suppositi
on.js":1,"sites\/all\/libraries\/superfish\/superfish.js":1,"sites\/all\/libraries\/superfish\/supersubs.js":1,"sites\/all\/mod
ules\/superfish\/superfish.js":1,"sites\/all\/themes\/bootstrap-
business\/js\/jquery.browser.min.js":1},"css":{"modules\/system\/system.base.css":1,"modules\/system\/system.men
us.css":1,"modules\/system\/system.messages.css":1,"modules\/system\/system.theme.css":1,"modules\/aggregator\/
aggregator.css":1,"modules\/comment\/comment.css":1,"modules\/field\/theme\/field.css":1,"sites\/all\/modules\/mol
lom\/mollom.css":1,"modules\/node\/node.css":1,"modules\/search\/search.css":1,"modules\/user\/user.css":1,"sites\/
all\/modules\/views\/css\/views.css":1,"sites\/all\/modules\/ctools\/css\/ctools.css":1,"\/\/maxcdn.bootstrapcdn.com\/
bootstrap\/3.2.0\/css\/bootstrap.min.css":1,"sites\/all\/libraries\/superfish\/css\/superfish.css":1,"sites\/all\/themes\/bo
otstrap-business\/css\/style.css":1,"sites\/all\/themes\/bootstrap-
business\/color\/colors.css":1,"sites\/all\/themes\/bootstrap-business\/css\/local.css":1,"sites\/all\/themes\/bootstrap-
business\/css\/ie8.css":1}},"urlIsAjaxTrusted":{"\/licenses\/mit-
license.php":true},"superfish":{"1":{"id":"1","sf":{"animation":{"opacity":"show","height":"show"},"speed":"\u002
7fast\u0027","autoArrows":false,"dropShadows":true,"disableHI":false},"plugins":{"touchscreen":{"mode":"windo
w_width"},"smallscreen":{"mode":"window_width","addSelected":false,"menuClasses":false,"hyperlinkClasses":fa
lse,"title":"Navigation"},"supposition":true,"bgiframe":false,"supersubs":{"minWidth":"12","maxWidth":"27","extr
aWidth":1}}}}});
//--><!]]>
</script>
</head>
<body
 class="html not-front not-logged-in no-sidebars page-node page-node- page-node-66 node-type-page" >
 <div id="skip-link">
   <a href="#main-content" class="element-invisible element-focusable">Skip to main content</a>
 </div>
   <div id="toTop"><span class="glyphicon glyphicon-chevron-up"></span></div>



<!-- #header-top -->
<div id="header-top" class="clearfix">
   <div class="container">

      <!-- #header-top-inside -->
      <div id="header-top-inside" class="clearfix">
         <div class="row">

                 <div class="col-md-8">
            <!-- #header-top-left -->
            <div id="header-top-left" class="clearfix">
                 <div class="region region-header-top-left">
```

```
  <div
 id="block-menu-secondary-menu" class="block block-menu clearfix">


 <div class="content">
  <ul class="menu"><li class="first leaf"><a href="/" title="">Home</a></li>
<li class="leaf"><a href="/blog" title="">From the Board</a></li>
<li class="leaf"><a href="/contact" title="">Contact</a></li>
<li class="last leaf"><a href="/civicrm/contribute/transact?reset=1&id=2" title="">Donate</a></li>
</ul>  </div>
</div>
 </div>
            </div>
            <!-- EOF:#header-top-left -->
          </div>

                  <div class="col-md-4">
            <!-- #header-top-right -->
            <div id="header-top-right" class="clearfix">
                 <div class="region region-header-top-right">
  <div id="block-search-form" class="block block-search clearfix">


 <div class="content">
  <form action="/licenses/mit-license.php" method="post" id="search-block-form" accept-charset="UTF-
8"><div><div class="container-inline">
     <h2 class="element-invisible">Search form</h2>
  <div class="form-item form-type-textfield form-item-search-block-form">
<input onblur="if (this.value == &#039;&#039;) {this.value = &#039;Search this website...&#039;;}" onfocus="if
(this.value == &#039;Search this website...&#039;) {this.value = &#039;&#039;;}" type="text" id="edit-search-
block-form--2" name="search_block_form" value="Search this website..." size="15" maxlength="128"
class="form-text" />
</div>
<div class="form-actions form-wrapper" id="edit-actions"><input value="" type="submit" id="edit-submit"
name="op" class="form-submit" /></div><input type="hidden" name="form_build_id" value="form-
3fdl1mgwpFzazdhVEs8DfK2cR3DKGD4vTlh3TguBqjQ" />
<input type="hidden" name="form_id" value="search_block_form" />
</div>
</div></form>  </div>
</div>
 </div>
            </div>
            <!-- EOF:#header-top-right -->
          </div>

          </div>
       </div>
       <!-- EOF: #header-top-inside
```

```
 -->

   </div>
</div>
<!-- EOF: #header-top -->

<!-- header -->
<header id="header" role="banner" class="clearfix">
   <div class="container">

      <!-- #header-inside -->
      <div id="header-inside" class="clearfix">
         <div class="row">
            <div class="col-md-8">

                        <div id="logo">
            <a href="/" title="Home" rel="home"> <img
src="https://opensource.org/files/osi_keyhole_300X300_90ppi_0.png" alt="Home" /> </a>
            </div>

                        <div id="site-name">
            <a href="/" title="Home">Open Source Initiative</a>
            </div>



            </div>

            <div class="col-md-4">



            </div>
         </div>
      </div>
      <!-- EOF: #header-inside -->

   </div>
</header>
<!-- EOF:
 #header -->

<!-- #main-navigation -->
<div id="main-navigation" class="clearfix">
   <div class="container">

      <!-- #main-navigation-inside -->
      <div id="main-navigation-inside" class="clearfix">
         <div class="row">
            <div class="col-md-12">
```

```
<nav role="navigation">
<div class="region region-navigation">
<div id="block-superfish-1" class="block block-superfish clearfix">


<div class="content">
<ul id="superfish-1" class="menu sf-menu sf-navigation sf-horizontal sf-style-none sf-total-items-6 sf-parent-items-6 sf-single-items-0"><li id="menu-37-1" class="first odd sf-item-1 sf-depth-1 sf-total-children-4 sf-parent-children-2 sf-single-children-2 menuparent"><a href="/about" title="About the Open Source Initiative" class="sf-depth-1 menuparent">About</a><ul><li id="menu-75-1" class="first odd sf-item-1 sf-depth-2 sf-no-children"><a href="/history" title="History
of the OSI" class="sf-depth-2">History</a></li><li id="menu-82-1" class="middle even sf-item-2 sf-depth-2 sf-total-children-7 sf-parent-children-0 sf-single-children-7 menuparent"><a href="/board" title="Board of Directors" class="sf-depth-2 menuparent">Board</a><ul><li id="menu-83-1" class="first odd sf-item-1 sf-depth-3 sf-no-children"><a href="/docs/board-annotated" title="OSI Board -- With Annotations" class="sf-depth-3">Board - Annotated</a></li><li id="menu-96-1" class="middle even sf-item-2 sf-depth-3 sf-no-children"><a href="/minutes" title="Public Minutes of Board Meetings" class="sf-depth-3">Minutes</a></li><li id="menu-185-1" class="middle odd sf-item-3 sf-depth-3 sf-no-children"><a href="/organization" title="These portfolios represent the activities of the current OSI board." class="sf-depth-3">Organization & Operations</a></li><li id="menu-95-1" class="middle even sf-item-4 sf-depth-3 sf-no-children"><a href="/articles-of-incorporation" title="OSI incorporation record" class="sf-depth-3">Articles
of Incorporation</a></li><li id="menu-1475-1" class="middle odd sf-item-5 sf-depth-3 sf-no-children"><a href="/elections" class="sf-depth-3">Board Elections</a></li><li id="menu-84-1" class="middle even sf-item-6 sf-depth-3 sf-no-children"><a href="/bylaws" title="Bylaws of the Open Source Initiative" class="sf-depth-3">Bylaws</a></li><li id="menu-1317-1" class="last odd sf-item-7 sf-depth-3 sf-no-children"><a href="/conflict_of_interest_policy" title="" class="sf-depth-3">Conflict of Interest</a></li></ul></li><li id="menu-1843-1" class="middle odd sf-item-3 sf-depth-2 sf-total-children-2 sf-parent-children-0 sf-single-children-2 menuparent"><a href="/trademark" title="" class="sf-depth-2 menuparent">Trademark & Logo</a><ul><li id="menu-184-1" class="first odd sf-item-1 sf-depth-3 sf-no-children"><a href="/trademark-guidelines" title="OSI&#039;s Trademark Policy" class="sf-depth-3">Trademark Guidelines</a></li><li id="menu-183-1" class="last even sf-item-2 sf-depth-3
sf-no-children"><a href="/logo-usage-guidelines" title="Guidelines for appearance and usage of OSI Logo" class="sf-depth-3">Logo Guidelines</a></li></ul></li><li id="menu-126-1" class="last even sf-item-4 sf-depth-2 sf-no-children"><a href="/ToS" title="Rules for posting content on this site" class="sf-depth-2">Terms of Service</a></li></ul></li><li id="menu-65-1" class="middle even sf-item-2 sf-depth-1 sf-total-children-5 sf-parent-children-3 sf-single-children-2 menuparent"><a href="/licenses" class="sf-depth-1 menuparent">Licenses</a><ul><li id="menu-61-1" class="first odd sf-item-1 sf-depth-2 sf-total-children-1 sf-parent-children-0 sf-single-children-1 menuparent"><a href="/osd" title="The actual OSD defining what constitutes an Open Source licence" class="sf-depth-2 menuparent">Open Source Definition</a><ul><li id="menu-62-1" class="firstandlast odd sf-item-1 sf-depth-3 sf-no-children"><a href="/osd-annotated" title="The OSD with explationations and rationale interspersed."
class="sf-depth-3">OSD - Annotated</a></li></ul></li><li id="menu-77-1" class="middle even sf-item-2 sf-depth-2 sf-no-children"><a href="/licenses/category" title="Licenses by Category" class="sf-depth-2">Licenses by Category</a></li><li id="menu-72-1" class="middle odd sf-item-3 sf-depth-2 sf-no-children"><a href="/licenses/alphabetical" title="Licenses that are approved by the OSI as conforming to the OSD" class="sf-depth-2">Licenses by Name</a></li><li id="menu-66-1" class="middle even sf-item-4 sf-depth-2 sf-total-children-2 sf-parent-children-0 sf-single-children-2 menuparent"><a href="/approval" title="Certifying licences as OSD-compliant" class="sf-depth-2 menuparent">License Review Process</a><ul><li id="menu-67-1" class="first odd
```

sf-item-1 sf-depth-3 sf-no-children">Licence Proliferation
<li id="menu-69-1" class="last even sf-item-2 sf-depth-3 sf-no-children"><a href="/proliferation-report"
title="License Proliferation Committee's report to the OSI Board" class="sf-depth-3">LP report to the Board
<li id="menu-99-1" class="last odd sf-item-5 sf-depth-2 sf-total-children-4 sf-parent-children-0 sf-single-children-4 menuparent">Open Standards
<li id="menu-101-1" class="first odd sf-item-1 sf-depth-3 sf-no-children">The Open Standards Requirement
<li id="menu-102-1" class="middle even sf-item-2 sf-depth-3 sf-no-children">Open Standards Requirement Compliance
<li id="menu-100-1" class="middle odd sf-item-3 sf-depth-3 sf-no-children">Open Standards Requirement Rationale
<li id="menu-103-1" class="last
even sf-item-4 sf-depth-3 sf-no-children">OSR Frequently Asked Questions
<li id="menu-1842-1" class="middle odd sf-item-3 sf-depth-1 sf-total-children-3 sf-parent-children-2 sf-single-children-1 menuparent">Membership
<li id="menu-914-1" class="first odd sf-item-1 sf-depth-2 sf-total-children-1 sf-parent-children-0 sf-single-children-1 menuparent">Individuals
<li id="menu-897-1" class="firstandlast odd sf-item-1 sf-depth-3 sf-no-children">Join
<li id="menu-675-1" class="middle even sf-item-2 sf-depth-2 sf-total-children-3 sf-parent-children-0 sf-single-children-3 menuparent"><a href="/affiliates"
title="Home page for OSI's membership scheme for non-profits and not-for-profits" class="sf-depth-2 menuparent">Affiliates
<li id="menu-676-1" class="first odd sf-item-1 sf-depth-3 sf-no-children">Become an Affiliate
<li id="menu-677-1" class="middle even sf-item-2 sf-depth-3 sf-no-children">List of Affiliates
<li id="menu-2071-1" class="last odd sf-item-3 sf-depth-3 sf-no-children">Affiliate Criteria
<li id="menu-1436-1" class="last odd sf-item-3 sf-depth-2 sf-no-children">Sponsors & Support
<li id="menu-1841-1" class="middle even sf-item-4 sf-depth-1 sf-total-children-4 sf-parent-children-1 sf-single-children-3 menuparent"><a href="/community" title="Page
for our various community members." class="sf-depth-1 menuparent">Community
<li id="menu-63-1" class="first odd sf-item-1 sf-depth-2 sf-total-children-4 sf-parent-children-0 sf-single-children-4 menuparent">Mailing lists
<li id="menu-78-1" class="first odd sf-item-1 sf-depth-3 sf-no-children">General Code of Conduct
<li id="menu-1072-1" class="middle even sf-item-2 sf-depth-3 sf-no-children">Licensing Code of Conduct
<li id="menu-2111-1" class="middle odd sf-item-3 sf-depth-3 sf-no-children">Disclaimer for OSI Public Forums
<li id="menu-2110-1" class="last even sf-item-4 sf-depth-3 sf-no-children">Policy
on Public Communications and Archives
<li id="menu-2032-1" class="middle even sf-item-2 sf-depth-2 sf-no-children">Volunteers
<li id="menu-1846-1" class="middle odd sf-item-3 sf-depth-2 sf-no-children">Wiki
<li id="menu-1524-1" class="last even sf-item-4 sf-depth-2 sf-no-children">OSI Store
<li id="menu-1840-1" class="middle odd sf-item-5

sf-depth-1 sf-total-children-5 sf-parent-children-1 sf-single-children-4 menuparent">Resources
<li id="menu-342-1" class="first odd sf-item-1 sf-depth-2 sf-no-children">FAQ
<li id="menu-38-1" class="middle even sf-item-2 sf-depth-2 sf-no-children"><a
 href="/blog" title="A group blog / aggregation point for OSI Board Member blogs" class="sf-depth-2">OSI Board Blog
<li id="menu-45-1" class="middle odd sf-item-3 sf-depth-2 sf-total-children-2 sf-parent-children-0 sf-single-children-2 menuparent">Getting Help
<li id="menu-76-1" class="first odd sf-item-1 sf-depth-3 sf-no-children">Bibliography
<li id="menu-125-1" class="last even sf-item-2 sf-depth-3 sf-no-children">Open Source Case for Business
<li id="menu-1514-1" class="middle even sf-item-4 sf-depth-2 sf-no-children">Working Groups
<li id="menu-12-1" class="last odd sf-item-5 sf-depth-2
 sf-no-children">Open Source Education
<li id="menu-1844-1" class="last even sf-item-6 sf-depth-1 sf-total-children-2 sf-parent-children-0 sf-single-children-2 menuparent">News & Events
<li id="menu-1845-1" class="first odd sf-item-1 sf-depth-2 sf-no-children">Newsletters
<li id="menu-1999-1" class="last even sf-item-2 sf-depth-2 sf-no-children">Events

                                    </nav>

      <!-- EOF: #main-navigation-inside -->

<!-- EOF: #main-navigation -->

<!-- #page -->
<div id="page"
 class="clearfix">

   <!-- #main-content -->

         <!-- #messages-console -->
                  <!-- EOF: #messages-console -->

```
<section class="col-md-12">

<!-- #main -->
<div id="main" class="clearfix">



<!-- EOF:#content-wrapper -->
<div id="content-wrapper">

<h1 class="page-title">The MIT License</h1>


<!-- #tabs -->
<div class="tabs">

</div>
<!-- EOF: #tabs -->

<!-- #action links -->
<!-- EOF: #action links -->

<div class="region region-content">
<div id="block-system-main" class="block block-system clearfix">


<div class="content">
<article id="node-66" class="node node-page clearfix">


<div class="content">
<div class="field field-name-body field-type-text-with-summary field-label-hidden"><div class="field-
items"><div class="field-item even"><p style="font-weight:bold">
SPDX short identifier: MIT
</p>

<div align="right">
<button onclick="myFunction()">Further resources on the <b>MIT License</b></button>

<p id="demo"></p>

<script>
<!--//--><![CDATA[// ><!--

function myFunction() {
```

```
  var x;
  if (confirm("Disclaimer: While the OSI acknowledges these as potentially helpful resources for the community,
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purposes and creates no attorney-client relationship between you, the OSI or the resources. If you have questions
about how licenses apply to you or your organization, you should seek legal advice. ") == true) {
      x = "<br><p>The following are other community resources that may be helpful:<br><br><a
href=https://tldrlegal.com/license/mit-license style='font-weight: bold;'>The MIT License on TLDRLegal<br><a
href=http://www.gnu.org/licenses/license-list.en.html>GNU License List<br><a
href=https://en.wikipedia.org/wiki/Comparison_of_free_and_open-source_software_licenses>Wikipedia
 License List<br><a href=http://oss-watch.ac.uk/apps/licdiff/>OSSWatch License Diff<br><a
href=choosealicense.com>Choosealicense";
  } else {
      x = " ";
  }
  document.getElementById("demo").innerHTML = x;
}

//--><![]]>
</script></div>



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OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN
THE SOFTWARE.</p>
</div></div></div>  </div>
```

```
</article>  </div>
</div>
 </div>

                    </div>
                    <!-- EOF:#content-wrapper -->

                  </div>
                  <!-- EOF:#main -->

                </section>


            </div>

        </div>
    </div>
    <!-- EOF:#main-content -->


</div>
<!-- EOF:#page -->


<footer id="subfooter" class="clearfix">
    <div class="container">

        <!-- #subfooter-inside -->
        <div id="subfooter-inside" class="clearfix">
            <div class="row">
                <div class="col-md-12">
                    <!-- #subfooter-left -->
                    <div class="subfooter-area">


                                    <div class="region region-footer">
    <div id="block-block-11" class="block block-block clearfix">


 <div class="content">
    <div class="filler" style="vertical-align: middle; display: inline-block;">
<p style="margin: 0pt auto; display: table-cell; text-align: center; vertical-align: middle;">
<a href="https://twitter.com/OpenSourceOrg" style="margin: 0pt auto; display: table-cell; text-align: center;
vertical-align: middle;"><img src="/files/twitterlogo.png" width="50" style="margin: 0pt auto; display: table-cell;
text-align: center; vertical-align: middle;" /></a>
```


<script id="fbwiuwz">
<!--//--><![CDATA[// ><!--
(function(i){var
f,s=document.getElementById(i);f=document.createElement('iframe');f.src='//api.flattr.com/button/view/?uid=osi&url=http%3A%2F%2Fopensource.org';f.title='Flattr';f.height=70;f.width=70;f.style.borderWidth=0;s.parentNode.insertBefore(f,s);})('fbwiuwz');
//--><!]]>
</script>

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<script src="https://www.google-analytics.com/urchin.js" type="text/javascript">
<!--//--><![CDATA[// ><!--

//--><!]]>
</script><script type="text/javascript">
<!--//--><![CDATA[// ><!--

```
_uacct = "UA-3916956-1";
urchinTracker();

//--><![]]>
</script>  </div>
</div>
  </div>

                </div>
                <!-- EOF: #subfooter-left -->
              </div>
            </div>
        </div>
        <!-- EOF: #subfooter-inside -->

    </div>
</footer>
<!-- EOF:#subfooter -->
 </body>
</html>
```

1.156 okio 1.11.0

1.156.1 Available under license :

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```

Found in path(s):
* /opt/cola/permits/152828458_1695306841.5983465/0/okio-1-11-0-sources-zip/okio/Util.java
* /opt/cola/permits/152828458_1695306841.5983465/0/okio-1-11-0-sources-zip/okio/RealBufferedSource.java
* /opt/cola/permits/152828458_1695306841.5983465/0/okio-1-11-0-sources-zip/okio/ForwardingSink.java

* /opt/cola/permits/152828458_1695306841.5983465/0/okio-1-11-0-sources-zip/okio/ForwardingSource.java
*
 /opt/cola/permits/152828458_1695306841.5983465/0/okio-1-11-0-sources-zip/okio/InflaterSource.java
* /opt/cola/permits/152828458_1695306841.5983465/0/okio-1-11-0-sources-zip/okio/Source.java
* /opt/cola/permits/152828458_1695306841.5983465/0/okio-1-11-0-sources-zip/okio/Timeout.java
* /opt/cola/permits/152828458_1695306841.5983465/0/okio-1-11-0-sources-zip/okio/DeflaterSink.java
* /opt/cola/permits/152828458_1695306841.5983465/0/okio-1-11-0-sources-zip/okio/Sink.java
* /opt/cola/permits/152828458_1695306841.5983465/0/okio-1-11-0-sources-zip/okio/GzipSource.java
* /opt/cola/permits/152828458_1695306841.5983465/0/okio-1-11-0-sources-zip/okio/Okio.java
* /opt/cola/permits/152828458_1695306841.5983465/0/okio-1-11-0-sources-zip/okio/BufferedSink.java
* /opt/cola/permits/152828458_1695306841.5983465/0/okio-1-11-0-sources-zip/okio/GzipSink.java
* /opt/cola/permits/152828458_1695306841.5983465/0/okio-1-11-0-sources-zip/okio/BufferedSource.java
*
 /opt/cola/permits/152828458_1695306841.5983465/0/okio-1-11-0-sources-zip/okio/SegmentPool.java
* /opt/cola/permits/152828458_1695306841.5983465/0/okio-1-11-0-sources-zip/okio/Segment.java
* /opt/cola/permits/152828458_1695306841.5983465/0/okio-1-11-0-sources-zip/okio/AsyncTimeout.java
* /opt/cola/permits/152828458_1695306841.5983465/0/okio-1-11-0-sources-zip/okio/Buffer.java
* /opt/cola/permits/152828458_1695306841.5983465/0/okio-1-11-0-sources-zip/okio/RealBufferedSink.java
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* /opt/cola/permits/152828458_1695306841.5983465/0/okio-1-11-0-sources-zip/okio/Options.java
* /opt/cola/permits/152828458_1695306841.5983465/0/okio-1-11-0-sources-zip/okio/HashingSink.java
* /opt/cola/permits/152828458_1695306841.5983465/0/okio-1-11-0-sources-zip/okio/Pipe.java
* /opt/cola/permits/152828458_1695306841.5983465/0/okio-1-11-0-sources-zip/okio/HashingSource.java
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* /opt/cola/permits/152828458_1695306841.5983465/0/okio-1-11-0-sources-zip/okio/Base64.java
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* /opt/cola/permits/152828458_1695306841.5983465/0/okio-1-11-0-sources-zip/okio/ForwardingTimeout.java
* /opt/cola/permits/152828458_1695306841.5983465/0/okio-1-11-0-sources-zip/okio/SegmentedByteString.java

1.157 okhttp 3.5.0

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Found in path(s):
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/http/HttpDate.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/cache/DiskLruCache.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/http2/Http2Connection.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/http2/Http2Writer.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/http2/Http2Stream.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/http2/Http2Reader.java
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* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/RequestBody.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/Interceptor.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/ws/WebSocketProtocol.java
*
 /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/Challenge.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/FormBody.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/http2/Header.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/TlsVersion.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/CipherSuite.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/Protocol.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/Call.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/http/HttpMethod.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/Callback.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/ws/WebSocketWriter.java
*
 /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/RealCall.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/ResponseBody.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/http2/PushObserver.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/ws/WebSocketReader.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/http/RealResponseBody.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/Internal.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/MultipartBody.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/ConnectionSpec.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/Version.java
*
 /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/cache/CacheRequest.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/CertificatePinner.java

* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/Credentials.java
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Found in path(s):
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/Response.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/NamedRunnable.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/http2/Http2.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/http/StatusLine.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/http2/ErrorCode.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/connection/RouteDatabase.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/Route.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/http/RequestLine.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/cache/CacheStrategy.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/Request.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/cache/InternalCache.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/Handshake.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/MediaType.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/http2/Hpack.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/Dispatcher.java
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* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/ConnectionPool.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/Headers.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/connection/ConnectInterceptor.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/platform/OptionalMethod.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/tls/CertificateChainCleaner.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/cache/CacheInterceptor.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/tls/OkHostnameVerifier.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/Connection.java
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* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/CookieJar.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/connection/ConnectionSpecSelector.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/Authenticator.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/HttpUrl.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/internal/cache/FaultHidingSink.java
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* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/Dns.java
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jar/okhttp3/internal/http2/ConnectionShutdownException.java
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jar/okhttp3/internal/http/CallServerInterceptor.java
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jar/okhttp3/internal/platform/AndroidPlatform.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-
jar/okhttp3/internal/platform/JdkWithJettyBootPlatform.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-
jar/okhttp3/internal/tls/TrustRootIndex.java
*
/opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-
jar/okhttp3/internal/ws/RealWebSocket.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-jar/okhttp3/WebSocketListener.java
* /opt/cola/permits/152829312_1695306846.1254396/0/okhttp-3-5-0-sources-
jar/okhttp3/internal/http2/StreamResetException.java
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jar/okhttp3/internal/http/RetryAndFollowUpInterceptor.java
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jar/okhttp3/internal/http2/Http2Codec.java
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1.161 okio 1.13.0

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1.162 guava 21.0

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1.163 hk2-utils 2.4.0-b10

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* /opt/cola/permits/155767054_1695308965.3091977/0/hk2-utils-2-4-0-b10-sources-jar/org/glassfish/hk2/utilities/general/GeneralUtilities.java
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* /opt/cola/permits/155767054_1695308965.3091977/0/hk2-utils-2-4-0-b10-sources-jar/org/glassfish/hk2/utilities/reflection/ScopeInfo.java
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* /opt/cola/permits/155767054_1695308965.3091977/0/hk2-utils-2-4-0-b10-sources-jar/org/glassfish/hk2/utilities/reflection/Constants.java
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1.164 bzip2 1.0.6-8

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* /opt/cola/permits/161214140_1695312241.3082175/0/paranamer-2-8-sources-jar/com/thoughtworks/paranamer/NullParanamer.java
* /opt/cola/permits/161214140_1695312241.3082175/0/paranamer-2-8-sources-jar/com/thoughtworks/paranamer/AdaptiveParanamer.java
*
 /opt/cola/permits/161214140_1695312241.3082175/0/paranamer-2-8-sources-jar/com/thoughtworks/paranamer/ParameterNamesNotFoundException.java
* /opt/cola/permits/161214140_1695312241.3082175/0/paranamer-2-8-sources-

jar/com/thoughtworks/paranamer/CachingParanamer.java

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1.170 plexus-cipher 1.7

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1.171 plexus-sec-dispatcher 1.4

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* /opt/cola/permits/163217127_1695314048.1488361/0/plexus-sec-dispatcher-1-4-sources-jar/org/sonatype/plexus/components/sec/dispatcher/PasswordDecryptor.java
* /opt/cola/permits/163217127_1695314048.1488361/0/plexus-sec-dispatcher-1-4-sources-jar/org/sonatype/plexus/components/sec/dispatcher/SecDispatcher.java
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* /opt/cola/permits/163217127_1695314048.1488361/0/plexus-sec-dispatcher-1-4-sources-jar/org/sonatype/plexus/components/sec/dispatcher/PasswordDecryptorException.java

1.172 httpcomponents-core 4.4.1

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1.173 json-simple 1.1.1

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1.175 maven-dependency-plugin 2.8

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1.178 apr-util 1.6.1

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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-

jar/com/google/common/collect/ImmutableMapKeySet.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/primitives/Doubles.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/thirdparty/publicsuffix/TrieParser.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/base/Converter.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/collect/Tables.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/primitives/Booleans.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/collect/TreeBasedTable.java
*
/opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/collect/ImmutableBiMap.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/collect/PeekingIterator.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/collect/Collections2.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/util/concurrent/AbstractCheckedFuture.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/collect/ImmutableMapEntrySet.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/net/PercentEscaper.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/escape/UnicodeEscaper.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/collect/ImmutableSortedSet.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/base/Preconditions.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/Interners.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/reflect/TypeToken.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/io/PatternFilenameFilter.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/base/CaseFormat.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/util/concurrent/FakeTimeLimiter.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/escape/CharEscaper.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/util/concurrent/TimeLimiter.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/annotations/VisibleForTesting.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/util/concurrent/Futures.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/escape/CharEscaperBuilder.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/util/concurrent/AggregateFuture.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/util/concurrent/GwtFuturesCatchingSpecialization.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/util/concurrent/SimpleTimeLimiter.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/io/AppendableWriter.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/util/concurrent/CollectionFuture.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/SortedMultiset.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/base/MoreObjects.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/eventbus/Dispatcher.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/util/concurrent/ListenerCallQueue.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/util/concurrent/TrustedListenableFutureTask.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/eventbus/SubscriberRegistry.java
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  *
  * As of 2010/06/11, this method is identical to the (package private) hash
  * method in OpenJDK 7's java.util.HashMap
 class.
  */
```

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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/hash/AbstractHasher.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/hash/HashCode.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/TreeRangeSet.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/hash/Hashing.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/EmptyContiguousSet.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/hash/AbstractStreamingHashFunction.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/DescendingImmutableSortedMultiset.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/hash/MessageDigestHashFunction.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/RegularImmutableMultiset.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/hash/BloomFilter.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/hash/BloomFilterStrategies.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/hash/PrimitiveSink.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/hash/Murmur3_128HashFunction.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/hash/Funnel.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/Queues.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/BoundType.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/hash/HashingOutputStream.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/hash/Murmur3_32HashFunction.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/hash/HashFunction.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-

jar/com/google/common/hash/Funnels.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/eventbus/Subscribe.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/io/CountingOutputStream.java
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jar/com/google/common/collect/ObjectArrays.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/io/Files.java
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jar/com/google/common/util/concurrent/AbstractFuture.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/collect/LinkedHashMultiset.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/collect/ReverseOrdering.java
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/opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/base/FinalizableReference.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/base/Function.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/collect/CompoundOrdering.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/io/LineReader.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/eventbus/EventBus.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-

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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/AbstractMapEntry.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/LinkedHashMultimap.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/package-info.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/eventbus/package-info.java
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 /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/ComparatorOrdering.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/NullsLastOrdering.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/ForwardingQueue.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/ConcurrentHashMultiset.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/NullsFirstOrdering.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/AbstractMultiset.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/io/LittleEndianDataInputStream.java

* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/MapDifference.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/io/CountingInputStream.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/io/LineBuffer.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/base/FinalizableSoftReference.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/ForwardingListIterator.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/TreeMultimap.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/RegularImmutableSet.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/ForwardingSortedMap.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/io/OutputSupplier.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/AbstractSortedSetMultimap.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/MutableClassToInstanceMap.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/io/LittleEndianDataOutputStream.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/ClassToInstanceMap.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/eventbus/AllowConcurrentEvents.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/base/FinalizableReferenceQueue.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/SingletonImmutableSet.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/Synchronized.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/io/Resources.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/ReverseNaturalOrdering.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/LexicographicalOrdering.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/ByFunctionOrdering.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/Multiset.java
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/opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/BiMap.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/AbstractSetMultimap.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/ForwardingSortedSet.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/base/AbstractIterator.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/ForwardingMap.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/io/package-info.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/io/MultiInputStream.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/AbstractMapBasedMultiset.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/Constraint.java
*
/opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/EnumHashBiMap.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/ArrayListMultimap.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/Iterators.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/ForwardingMultiset.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/Multisets.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/base/Suppliers.java
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/*
 * This method was rewritten in Java from an intermediate step of the Murmur hash function in
 * http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp, which contained the
 * following header:
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/*
 * This following method is a modified version of one found in
 * http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/src/test/tck/AbstractExecutorServiceTest.java?revision=1.30
 * which contained the following notice:
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jar/com/google/common/util/concurrent/MoreExecutors.java
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jar/com/google/common/collect/FilteredMultimapValues.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/base/VerifyException.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/base/Verify.java
*
 /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/collect/AbstractTable.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/hash/HashingInputStream.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/base/Utf8.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/eventbus/SubscriberExceptionHandler.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/io/CharSequenceReader.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/ImmutableMapEntry.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/MultimapBuilder.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/util/concurrent/WrappingScheduledExecutorService.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/thirdparty/publicsuffix/PublicSuffixType.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/reflect/TypeVisitor.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/Cut.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/RegularImmutableTable.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/SparseImmutableTable.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/MapMakerInternalMap.java

* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/DenseImmutableTable.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/util/concurrent/InterruptibleTask.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/util/concurrent/Platform.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/util/concurrent/AggregateFutureState.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/util/concurrent/AtomicDoubleArray.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/cache/LongAdder.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/util/concurrent/ListenableScheduledFuture.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/reflect/TypeToInstanceMap.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/xml/package-info.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/io/FileWriteMode.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/util/concurrent/RateLimiter.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/FilteredSetMultimap.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/html/package-info.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/ForwardingNavigableMap.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/FilteredMultimap.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/util/concurrent/AbstractService.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/hash/ChecksumHashFunction.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/cache/CacheLoader.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/cache/RemovalListeners.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/math/DoubleUtils.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/net/HttpHeaders.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-

jar/com/google/common/hash/AbstractNonStreamingHashFunction.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/base/Enums.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/util/concurrent/ExecutionError.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/util/concurrent/FutureFallback.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/base/Absent.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/util/concurrent/ForwardingCheckedFuture.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/hash/AbstractCompositeHashFunction.java
*
/opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/util/concurrent/WrappingExecutorService.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/reflect/TypeParameter.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/cache/Cache.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/base/Ticker.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/base/Present.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/math/package-info.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/util/concurrent/Uninterruptibles.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/cache/ForwardingLoadingCache.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/net/HostAndPort.java
*
/opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/math/LongMath.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/cache/RemovalCause.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/util/concurrent/ForwardingListeningExecutorService.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/reflect/Types.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/math/BigIntegerMath.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/cache/CacheBuilderSpec.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/cache/RemovalListener.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-

jar/com/google/common/collect/WellBehavedMap.java
*
/opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/util/concurrent/AbstractListeningExecutorService.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/util/concurrent/ForwardingExecutorService.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/util/concurrent/AsyncFunction.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/math/IntMath.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
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jar/com/google/common/util/concurrent/FutureCallback.java
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jar/com/google/common/base/Optional.java
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jar/com/google/common/cache/AbstractCache.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/cache/ForwardingCache.java
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jar/com/google/common/base/PairwiseEquivalence.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/util/concurrent/AtomicLongMap.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/math/DoubleMath.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/cache/CacheStats.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/util/concurrent/UncheckedExecutionException.java
*
/opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/util/concurrent/AbstractScheduledService.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/net/MediaType.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/util/concurrent/ListeningScheduledExecutorService.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/cache/package-info.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/cache/RemovalNotification.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-
jar/com/google/common/util/concurrent/CycleDetectingLockFactory.java

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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/ForwardingSetMultimap.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/util/concurrent/Monitor.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/util/concurrent/ListeningExecutorService.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/RowSortedTable.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/annotations/Beta.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/UnmodifiableListIterator.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/util/concurrent/ForwardingBlockingQueue.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/AbstractSequentialIterator.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/util/concurrent/UncaughtExceptionHandlers.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-

jar/com/google/common/base/Ascii.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/net/package-info.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/base/Strings.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/util/concurrent/Atomics.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/ForwardingSortedSetMultimap.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/primitives/package-info.java
*
 /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/base/Equivalence.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/ForwardingImmutableCollection.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/annotations/package-info.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/SortedIterable.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/primitives/UnsignedInts.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/ForwardingSortedMultiset.java
*
 /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/ImmutableSortedMultisetFauxverideShim.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/RegularImmutableSortedMultiset.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-

jar/com/google/common/primitives/UnsignedInteger.java
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* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/primitives/UnsignedLong.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/SortedIterables.java
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/opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/primitives/UnsignedLongs.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/primitives/ParseRequest.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/RangeSet.java
* /opt/cola/permits/173974812_1695321863.2864647/0/guava-19-0-sources-jar/com/google/common/collect/GeneralRange.java

1.180 wagon-file 1.0-beta-2

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1.181 cdebconf 0.213ubuntu1

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* /opt/cola/permits/177812252_1695328159.98281/0/netty-codec-http-4-1-17-final-sources-jar/io/netty/handler/codec/http/ReadOnlyHttpHeaders.java
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* /opt/cola/permits/177812252_1695328159.98281/0/netty-codec-http-4-1-17-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyWindowUpdateFrame.java
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* /opt/cola/permits/177812252_1695328159.98281/0/netty-codec-http-4-1-17-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateFrameClientExtensionHandshaker.java
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* /opt/cola/permits/177812252_1695328159.98281/0/netty-codec-http-4-1-17-final-sources-jar/io/netty/handler/codec/http/cookie/CookieUtil.java
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* /opt/cola/permits/177812252_1695328159.98281/0/netty-codec-http-4-1-17-final-sources-jar/io/netty/handler/codec/rtsp/RtspObjectDecoder.java
* /opt/cola/permits/177812252_1695328159.98281/0/netty-codec-http-4-1-17-final-sources-jar/io/netty/handler/codec/http/websocketx/package-info.java
* /opt/cola/permits/177812252_1695328159.98281/0/netty-codec-http-4-1-17-final-sources-jar/io/netty/handler/codec/rtsp/RtspRequestDecoder.java
* /opt/cola/permits/177812252_1695328159.98281/0/netty-codec-http-4-1-17-final-sources-jar/io/netty/handler/codec/http/multipart/InterfaceHttpData.java

* /opt/cola/permits/177812252_1695328159.98281/0/netty-codec-http-4-1-17-final-sources-jar/io/netty/handler/codec/http/multipart/InterfaceHttpPostRequestDecoder.java
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 /opt/cola/permits/177812252_1695328159.98281/0/netty-codec-http-4-1-17-final-sources-jar/io/netty/handler/codec/rtsp/RtspResponseDecoder.java
* /opt/cola/permits/177812252_1695328159.98281/0/netty-codec-http-4-1-17-final-sources-jar/io/netty/handler/codec/http/DefaultHttpRequest.java
* /opt/cola/permits/177812252_1695328159.98281/0/netty-codec-http-4-1-17-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker08.java
* /opt/cola/permits/177812252_1695328159.98281/0/netty-codec-http-4-1-17-final-sources-jar/io/netty/handler/codec/http/HttpConstants.java
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* /opt/cola/permits/177812252_1695328159.98281/0/netty-codec-http-4-1-17-final-sources-jar/io/netty/handler/codec/http/DefaultLastHttpContent.java
* /opt/cola/permits/177812252_1695328159.98281/0/netty-codec-http-4-1-17-final-sources-jar/io/netty/handler/codec/http/HttpVersion.java
* /opt/cola/permits/177812252_1695328159.98281/0/netty-codec-http-4-1-17-final-sources-jar/io/netty/handler/codec/http/multipart/MemoryFileUpload.java
* /opt/cola/permits/177812252_1695328159.98281/0/netty-codec-http-4-1-17-final-sources-jar/io/netty/handler/codec/http/multipart/FileUpload.java
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*
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* /opt/cola/permits/177812252_1695328159.98281/0/netty-codec-http-4-1-17-final-sources-jar/io/netty/handler/codec/rtsp/RtspHeaders.java
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* /opt/cola/permits/177812252_1695328159.98281/0/netty-codec-http-4-1-17-final-sources-jar/io/netty/handler/codec/http/HttpResponseDecoder.java
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* /opt/cola/permits/177812252_1695328159.98281/0/netty-codec-http-4-1-17-final-sources-jar/io/netty/handler/codec/http/HttpClientUpgradeHandler.java

1.184 netty-transport 4.1.17.Final

1.184.1 Available under license :

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* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/PreferHeapByteBufAllocator.java
*
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* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/SelectStrategyFactory.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/ChannelOutboundInvoker.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/DefaultSelectStrategy.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/socket/DuplexChannel.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/bootstrap/BootstrapConfig.java
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*

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* under the License.
*/
/**
* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
* its {@link ChannelPipeline}.
*
* <h3>Sub-types</h3>
* <p>
* {@link ChannelHandler} itself does not provide many methods, but you usually have to implement one of its subtypes:
* <ul>
* <li>{@link
 ChannelInboundHandler} to handle inbound I/O events, and</li>
* <li>{@link ChannelOutboundHandler} to handle outbound I/O operations.</li>
* </ul>
* </p>
* <p>
* Alternatively, the following adapter classes are provided for your convenience:
* <ul>
* <li>{@link ChannelInboundHandlerAdapter} to handle inbound I/O events,</li>
* <li>{@link ChannelOutboundHandlerAdapter} to handle outbound I/O operations, and</li>
* <li>{@link ChannelDuplexHandler} to handle both inbound and outbound events</li>
* </ul>
* </p>
* <p>
* For more information, please refer to the documentation of each subtype.
* </p>
```

```
*
* <h3>The context object</h3>
* <p>
* A {@link ChannelHandler} is provided with a {@link ChannelHandlerContext}
* object.  A {@link ChannelHandler} is supposed to interact with the
* {@link ChannelPipeline} it belongs to via a context object.  Using the
* context object, the {@link ChannelHandler} can pass events upstream or
* downstream, modify the pipeline dynamically,
 or store the information
* (using {@link AttributeKey}s) which is specific to the handler.
*
* <h3>State management</h3>
*
* A {@link ChannelHandler} often needs to store some stateful information.
* The simplest and recommended approach is to use member variables:
* <pre>
* public interface Message {
*     // your methods here
* }
*
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {
*
*     <b>private boolean loggedIn;</b>
*
*     {@code @Override}
*     public void channelRead0({@link ChannelHandlerContext} ctx, Message message) {
*         {@link Channel} ch = e.getChannel();
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) message);
*             <b>loggedIn = true;</b>
*         } else (message instanceof GetDataMessage) {
*             if (<b>loggedIn</b>) {
*                 ch.write(fetchSecret((GetDataMessage) message));
*             } else {
*
   fail();
*             }
*         }
*     }
*     ...
* }
* </pre>
* Because the handler instance has a state variable which is dedicated to
* one connection, you have to create a new handler instance for each new
* channel to avoid a race condition where a unauthenticated client can get
* the confidential information:
* <pre>
* // Create a new handler instance per channel.
```

```
* // See {@link ChannelInitializer#initChannel(Channel)}.
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; {
*     {@code @Override}
*     public void initChannel({@link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>new DataServerHandler()</b>);
*     }
* }
*
* </pre>
*
* <h4>Using {@link AttributeKey}s</h4>
*
* Although it's recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use {@link AttributeKey}s which
 is provided by
* {@link ChannelHandlerContext}:
* <pre>
* public interface Message {
*     // your methods here
* }
*
* {@code @Sharable}
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {
*     private final {@link AttributeKey}&lt;{@link Boolean}&gt; auth =
*         {@link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
*
*     {@code @Override}
*     public void channelRead({@link ChannelHandlerContext} ctx, Message message) {
*         {@link Attribute}&lt;{@link Boolean}&gt; attr = ctx.attr(auth);
*         {@link Channel} ch = ctx.channel();
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
*             <b>attr.set(true)</b>;
*         } else (message instanceof GetDataMessage) {
*             if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*                 ch.write(fetchSecret((GetDataMessage) o));
*             } else {
*                 fail();
*
          }
*         }
*     }
*     ...
* }
* </pre>
* Now that the state of the handler is attached to the {@link ChannelHandlerContext}, you can add the
* same handler instance to different pipelines:
```

```
* <pre>
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; {
*
*     private static final DataServerHandler <b>SHARED</b> = new DataServerHandler();
*
*     {@code @Override}
*     public void initChannel({@link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>SHARED</b>);
*     }
* }
* </pre>
*
*
* <h4>The {@code @Sharable} annotation</h4>
* <p>
* In the example above which used an {@link AttributeKey},
* you might have noticed the {@code @Sharable} annotation.
* <p>
* If a {@link ChannelHandler} is annotated with the {@code @Sharable}
* annotation, it means you can create an instance of the handler just once and
* add it to one or more {@link ChannelPipeline}s multiple times without
* a race
 condition.
* <p>
* If this annotation is not specified, you have to create a new handler
* instance every time you add it to a pipeline because it has unshared state
* such as member variables.
* <p>
* This annotation is provided for documentation purpose, just like
* <a href="http://www.javaconcurrencyinpractice.com/annotations/doc/">the JCIP annotations</a>.
*
* <h3>Additional resources worth reading</h3>
* <p>
* Please refer to the {@link ChannelHandler}, and
* {@link ChannelPipeline} to find out more about inbound and outbound operations,
* what fundamental differences they have, how they flow in a  pipeline,  and how to handle
* the operation in your application.
*/
```

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* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/AddressedEnvelope.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/bootstrap/ChannelFactory.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/ChannelOutboundBuffer.java
*
/opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/group/ChannelGroup.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/ChannelProgressiveFutureListener.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/socket/oio/OioSocketChannelConfig.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/DefaultAddressedEnvelope.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/DefaultMessageSizeEstimator.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/ChannelProgressiveFuture.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/MessageSizeEstimator.java

*
/opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/nio/SelectedSelectionKeySet.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/DefaultChannelId.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/socket/oio/DefaultOioSocketChannelConfig.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/ChannelId.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/AbstractEventLoopGroup.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/socket/oio/DefaultOioServerSocketChannelConfig.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/group/ChannelMatchers.java
*
/opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/ChannelProgressivePromise.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/ChannelHandlerAdapter.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/socket/oio/OioServerSocketChannelConfig.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/SimpleChannelInboundHandler.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/group/ChannelGroupException.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/ConnectTimeoutException.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/DefaultChannelProgressivePromise.java
*
/opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/group/DefaultChannelGroup.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/group/ChannelMatcher.java
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* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/oio/OioByteStreamChannel.java
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* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/DelegatingChannelPromiseNotifier.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/socket/oio/OioDatagramChannelConfig.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/socket/ChannelInputShutdownReadComplete.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownEvent.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/nio/SelectedSelectionKeySetSelector.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/PendingBytesTracker.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownException.java
* /opt/cola/permits/177813072_1695327878.3707163/0/netty-transport-4-1-17-final-sources-jar/io/netty/channel/socket/oio/DefaultOioDatagramChannelConfig.java

1.185 protobuf-java-util 3.5.1

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* /opt/cola/permits/177813395_1695328328.77623/0/protobuf-java-util-3-5-1-sources-jar/com/google/protobuf/util/Durations.java
* /opt/cola/permits/177813395_1695328328.77623/0/protobuf-java-util-3-5-1-sources-jar/com/google/protobuf/util/JsonFormat.java
* /opt/cola/permits/177813395_1695328328.77623/0/protobuf-java-util-3-5-1-sources-jar/com/google/protobuf/util/TimeUtil.java
* /opt/cola/permits/177813395_1695328328.77623/0/protobuf-java-util-3-5-1-sources-jar/com/google/protobuf/util/FieldMaskUtil.java
* /opt/cola/permits/177813395_1695328328.77623/0/protobuf-java-util-3-5-1-sources-jar/com/google/protobuf/util/FieldMaskTree.java
* /opt/cola/permits/177813395_1695328328.77623/0/protobuf-java-util-3-5-1-sources-jar/com/google/protobuf/util/Timestamps.java

1.186 netty-resolver 4.1.17.Final

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* /opt/cola/permits/177814057_1695328176.8724873/0/netty-resolver-4-1-17-final-sources-jar/io/netty/resolver/AbstractAddressResolver.java
* /opt/cola/permits/177814057_1695328176.8724873/0/netty-resolver-4-1-17-final-sources-jar/io/netty/resolver/HostsFileEntriesResolver.java
* /opt/cola/permits/177814057_1695328176.8724873/0/netty-resolver-4-1-17-final-sources-jar/io/netty/resolver/CompositeNameResolver.java
* /opt/cola/permits/177814057_1695328176.8724873/0/netty-resolver-4-1-17-final-sources-jar/io/netty/resolver/InetNameResolver.java
* /opt/cola/permits/177814057_1695328176.8724873/0/netty-resolver-4-1-17-final-sources-jar/io/netty/resolver/DefaultHostsFileEntriesResolver.java
* /opt/cola/permits/177814057_1695328176.8724873/0/netty-resolver-4-1-17-final-sources-jar/io/netty/resolver/AddressResolver.java
* /opt/cola/permits/177814057_1695328176.8724873/0/netty-resolver-4-1-17-final-sources-jar/io/netty/resolver/InetSocketAddressResolver.java
* /opt/cola/permits/177814057_1695328176.8724873/0/netty-resolver-4-1-17-final-sources-jar/io/netty/resolver/HostsFileParser.java
* /opt/cola/permits/177814057_1695328176.8724873/0/netty-resolver-4-1-17-final-sources-jar/io/netty/resolver/DefaultNameResolver.java
* /opt/cola/permits/177814057_1695328176.8724873/0/netty-resolver-4-1-17-final-sources-jar/io/netty/resolver/DefaultAddressResolverGroup.java
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* /opt/cola/permits/177814057_1695328176.8724873/0/netty-resolver-4-1-17-final-sources-

jar/io/netty/resolver/ResolvedAddressTypes.java
* /opt/cola/permits/177814057_1695328176.8724873/0/netty-resolver-4-1-17-final-sources-jar/io/netty/resolver/HostsFileEntries.java
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* /opt/cola/permits/177814057_1695328176.8724873/0/netty-resolver-4-1-17-final-sources-jar/io/netty/resolver/RoundRobinInetAddressResolver.java
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* /opt/cola/permits/177814057_1695328176.8724873/0/netty-resolver-4-1-17-final-sources-jar/io/netty/resolver/NoopAddressResolverGroup.java
* /opt/cola/permits/177814057_1695328176.8724873/0/netty-resolver-4-1-17-final-sources-jar/io/netty/resolver/SimpleNameResolver.java
* /opt/cola/permits/177814057_1695328176.8724873/0/netty-resolver-4-1-17-final-sources-jar/io/netty/resolver/NoopAddressResolver.java
* /opt/cola/permits/177814057_1695328176.8724873/0/netty-resolver-4-1-17-final-sources-jar/io/netty/resolver/AddressResolverGroup.java
* /opt/cola/permits/177814057_1695328176.8724873/0/netty-resolver-4-1-17-final-sources-jar/io/netty/resolver/package-info.java
* /opt/cola/permits/177814057_1695328176.8724873/0/netty-resolver-4-1-17-final-sources-jar/io/netty/resolver/NameResolver.java

1.187 netty-codec 4.1.17.Final

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/**
* A decoder that splits the received {@link ByteBuf}s dynamically by the
* value of the length field in the message.  It is particularly useful when you
* decode a binary message which has an integer header field that represents the
* length of the message body or the whole message.
*
 <p>
* {@link LengthFieldBasedFrameDecoder} has many configuration parameters so
* that it can decode any message with a length field, which is often seen in
* proprietary client-server protocols. Here are some example that will give
* you the basic idea on which option does what.
*
* <h3>2 bytes length field at offset 0, do not strip header</h3>
*
* The value of the length field in this example is <tt>12 (0x0C)</tt> which
* represents the length of "HELLO, WORLD".  By default, the decoder assumes
* that the length field represents the number of the bytes that follows the
* length field.  Therefore, it can be decoded with the simplistic parameter
* combination.
* <pre>
* <b>lengthFieldOffset</b>   = <b>0</b>
* <b>lengthFieldLength</b>   = <b>2</b>
* lengthAdjustment    = 0
* initialBytesToStrip = 0 (= do not strip header)
*
* BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)
* +--------+----------------+      +--------+----------------+
* | Length | Actual Content
 |----->| Length | Actual Content |
* | 0x000C | "HELLO, WORLD" |      | 0x000C | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 0, strip header</h3>
*
* Because we can get the length of the content by calling
* {@link ByteBuf#readableBytes()}, you might want to strip the length
* field by specifying <tt>initialBytesToStrip</tt>.  In this example, we
* specified <tt>2</tt>, that is same with the length of the length field, to
* strip the first two bytes.
* <pre>
* lengthFieldOffset   = 0
* lengthFieldLength   = 2
* lengthAdjustment    = 0
* <b>initialBytesToStrip</b> = <b>2</b> (= the length of the Length field)
```

```
*
* BEFORE DECODE (14 bytes)         AFTER DECODE (12 bytes)
* +--------+----------------+      +----------------+
* | Length | Actual Content |----->| Actual Content |
* | 0x000C | "HELLO, WORLD" |      | "HELLO, WORLD" |
* +--------+----------------+      +----------------+
 * </pre>
*
* <h3>2 bytes length field at offset 0, do not strip header, the length field
*     represents the length of the whole message</h3>
*
* In most cases, the length field represents the length of the message body
* only, as shown in the previous examples.  However, in some protocols, the
* length field represents the length of the whole message, including the
* message header.  In such a case, we specify a non-zero
* <tt>lengthAdjustment</tt>.  Because the length value in this example message
* is always greater than the body length by <tt>2</tt>, we specify <tt>-2</tt>
* as <tt>lengthAdjustment</tt> for compensation.
* <pre>
* lengthFieldOffset   =  0
* lengthFieldLength   =  2
* <b>lengthAdjustment</b>    = <b>-2</b> (= the length of the Length field)
* initialBytesToStrip =  0
*
* BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)
* +--------+----------------+      +--------+----------------+
* | Length | Actual Content |----->| Length | Actual
 Content |
* | 0x000E | "HELLO, WORLD" |      | 0x000E | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+
* </pre>
*
* <h3>3 bytes length field at the end of 5 bytes header, do not strip header</h3>
*
* The following message is a simple variation of the first example.  An extra
* header value is prepended to the message.  <tt>lengthAdjustment</tt> is zero
* again because the decoder always takes the length of the prepended data into
* account during frame length calculation.
* <pre>
* <b>lengthFieldOffset</b>   = <b>2</b> (= the length of Header 1)
* <b>lengthFieldLength</b>   = <b>3</b>
* lengthAdjustment    = 0
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)                      AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* | Header 1 |  Length  | Actual Content |----->| Header 1 |  Length  | Actual Content |
* |  0xCAFE  | 0x00000C | "HELLO, WORLD" |      |
```

```
  0xCAFE  | 0x00000C | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>
*
* <h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>
*
* This is an advanced example that shows the case where there is an extra
* header between the length field and the message body.  You have to specify a
* positive <tt>lengthAdjustment</tt> so that the decoder counts the extra
* header into the frame length calculation.
* <pre>
* lengthFieldOffset   = 0
* lengthFieldLength   = 3
* <b>lengthAdjustment</b>    = <b>2</b> (= the length of Header 1)
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)                    AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* |  Length  | Header 1 | Actual Content |----->|  Length  | Header 1 | Actual Content |
* | 0x00000C |  0xCAFE  | "HELLO, WORLD" |      | 0x00000C |  0xCAFE  | "HELLO,
 WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
*     strip the first header field and the length field</h3>
*
* This is a combination of all the examples above.  There are the prepended
* header before the length field and the extra header after the length field.
* The prepended header affects the <tt>lengthFieldOffset</tt> and the extra
* header affects the <tt>lengthAdjustment</tt>.  We also specified a non-zero
* <tt>initialBytesToStrip</tt> to strip the length field and the prepended
* header from the frame.  If you don't want to strip the prepended header, you
* could specify <tt>0</tt> for <tt>initialBytesToSkip</tt>.
* <pre>
* lengthFieldOffset   = 1 (= the length of HDR1)
* lengthFieldLength   = 2
* <b>lengthAdjustment</b>    = <b>1</b> (= the length of HDR2)
* <b>initialBytesToStrip</b> = <b>3</b> (= the length of HDR1 + LEN)
 *
* BEFORE DECODE (16 bytes)                    AFTER DECODE (13 bytes)
* +------+--------+------+----------------+      +------+----------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +------+--------+------+----------------+      +------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
```

```
*     strip the first header field and the length field, the length field
*     represents the length of the whole message</h3>
*
* Let's give another twist to the previous example.  The only difference from
* the previous example is that the length field represents the length of the
* whole message instead of the message body, just like the third example.
* We have to count the length of HDR1 and Length into <tt>lengthAdjustment</tt>.
* Please note that we don't need to take the length of HDR2 into account
* because
 the length field already includes the whole header length.
* <pre>
* lengthFieldOffset   =  1
* lengthFieldLength   =  2
* <b>lengthAdjustment</b>    = <b>-3</b> (= the length of HDR1 + LEN, negative)
* <b>initialBytesToStrip</b> = <b> 3</b>
*
* BEFORE DECODE (16 bytes)                       AFTER DECODE (13 bytes)
* +------+--------+------+----------------+      +------+----------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +------+--------+------+----------------+      +------+----------------+
* </pre>
* @see LengthFieldPrepender
*/
```

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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java
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```

```
*/
/**
* Utility class for {@link ByteBuf} that encodes and decodes to and from
* <a href="http://en.wikipedia.org/wiki/Base64">Base64</a> notation.
* <p>
*
 The encoding and decoding algorithm in this class has been derived from
* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain
* Base64 Encoder/Decoder</a>.
*/
```

Found in path(s):
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/base64/Base64.java
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/**
* Enumeration of supported Base64 dialects.
* <p>
* The internal lookup tables in this class has been derived from
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* Base64 Encoder/Decoder</a>.
*/
```

Found in path(s):
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/Delimiters.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/serialization/package-info.java
*
 /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/compression/ZlibEncoder.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/bytes/package-info.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/marshalling/MarshallerProvider.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/compression/ZlibDecoder.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameEncoder.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/marshalling/ChannelBufferByteOutput.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-

jar/io/netty/handler/codec/marshalling/LimitingByteInput.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameDecoder.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/MessageToByteEncoder.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/ReplayingDecoderByteBuf.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/compression/CompressionException.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/compression/ZlibWrapper.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoderInputStream.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/marshalling/DefaultUnmarshallerProvider.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/serialization/ObjectEncoder.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/serialization/ClassResolver.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/marshalling/package-info.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/serialization/ClassLoaderClassResolver.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/UnsupportedMessageTypeException.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/compression/DecompressionException.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/marshalling/ContextBoundUnmarshallerProvider.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingDecoder.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/string/package-info.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/compression/JZlibDecoder.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/TooLongFrameException.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoder.java
*

/opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/base64/package-info.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/marshalling/DefaultMarshallerProvider.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/EncoderException.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/CodecException.java
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/opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/ReplayingDecoder.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/DecoderResult.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/LengthFieldPrepender.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/base64/Base64Encoder.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/compression/Snappy.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/serialization/ClassResolvers.java
*
/opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/compression/ZlibCodecFactory.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/PrematureChannelClosureException.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingDecoder.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/serialization/CompatibleObjectEncoder.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/CharSequenceValueConverter.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/DefaultHeadersImpl.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/EmptyHeaders.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/DefaultHeaders.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/compression/JdkZlibDecoder.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/xml/XmlFrameDecoder.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/compression/CompressionUtil.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/string/LineSeparator.java

* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/compression/ByteBufChecksum.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/string/LineEncoder.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/DateFormatter.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/DatagramPacketEncoder.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/DatagramPacketDecoder.java
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```

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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java
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 /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/UnsupportedValueConverter.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/ProtocolDetectionState.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/ProtocolDetectionResult.java
*
 /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/HeadersUtils.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/AsciiHeadersEncoder.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/compression/Bzip2Constants.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockDecompressor.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameDecoder.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameEncoder.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/DecoderResultProvider.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/compression/Bzip2DivSufSort.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedEncoder.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitWriter.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/json/JsonObjectDecoder.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/compression/FastLzFrameDecoder.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/compression/Lz4Constants.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedDecoder.java
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* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/compression/Bzip2Rand.java
* /opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/compression/LzmaFrameEncoder.java
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/opt/cola/permits/177815164_1695328330.9301789/0/netty-codec-4-1-17-final-sources-jar/io/netty/handler/codec/compression/LzfDecoder.java

1.188 protobuf-java 3.5.1

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* /opt/cola/permits/177816690_1695328191.49074/0/protobuf-java-3-5-1-sources-jar/com/google/protobuf/ByteString.java
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* /opt/cola/permits/177816690_1695328191.49074/0/protobuf-java-3-5-1-sources-jar/com/google/protobuf/LazyStringList.java
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* /opt/cola/permits/177816690_1695328191.49074/0/protobuf-java-3-5-1-sources-jar/com/google/protobuf/MessageLiteOrBuilder.java
* /opt/cola/permits/177816690_1695328191.49074/0/protobuf-java-3-5-1-sources-jar/com/google/protobuf/IterableByteBufferInputStream.java
* /opt/cola/permits/177816690_1695328191.49074/0/protobuf-java-3-5-1-sources-jar/google/protobuf/type.proto
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* /opt/cola/permits/177816690_1695328191.49074/0/protobuf-java-3-5-1-sources-jar/com/google/protobuf/TextFormatParseLocation.java
* /opt/cola/permits/177816690_1695328191.49074/0/protobuf-java-3-5-1-sources-jar/com/google/protobuf/RpcChannel.java
* /opt/cola/permits/177816690_1695328191.49074/0/protobuf-java-3-5-1-sources-jar/com/google/protobuf/LongArrayList.java
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* /opt/cola/permits/177816690_1695328191.49074/0/protobuf-java-3-5-1-sources-jar/com/google/protobuf/ByteOutput.java
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* /opt/cola/permits/177816690_1695328191.49074/0/protobuf-java-3-5-1-sources-jar/com/google/protobuf/MessageOrBuilder.java
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* /opt/cola/permits/177816690_1695328191.49074/0/protobuf-java-3-5-1-sources-jar/com/google/protobuf/Descriptors.java
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* /opt/cola/permits/177816690_1695328191.49074/0/protobuf-java-3-5-1-sources-jar/com/google/protobuf/SingleFieldBuilderV3.java
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* /opt/cola/permits/177816690_1695328191.49074/0/protobuf-java-3-5-1-sources-jar/com/google/protobuf/MessageLiteToString.java
* /opt/cola/permits/177816690_1695328191.49074/0/protobuf-java-3-5-1-sources-jar/com/google/protobuf/LazyStringArrayList.java
* /opt/cola/permits/177816690_1695328191.49074/0/protobuf-java-3-5-1-sources-jar/com/google/protobuf/DiscardUnknownFieldsParser.java
* /opt/cola/permits/177816690_1695328191.49074/0/protobuf-java-3-5-1-sources-jar/com/google/protobuf/ExtensionLite.java
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* /opt/cola/permits/177816690_1695328191.49074/0/protobuf-java-3-5-1-sources-jar/com/google/protobuf/TextFormatEscaper.java
*
 /opt/cola/permits/177816690_1695328191.49074/0/protobuf-java-3-5-1-sources-jar/com/google/protobuf/UnsafeUtil.java
* /opt/cola/permits/177816690_1695328191.49074/0/protobuf-java-3-5-1-sources-jar/com/google/protobuf/LazyFieldLite.java
* /opt/cola/permits/177816690_1695328191.49074/0/protobuf-java-3-5-1-sources-jar/com/google/protobuf/RepeatedFieldBuilder.java
* /opt/cola/permits/177816690_1695328191.49074/0/protobuf-java-3-5-1-sources-jar/com/google/protobuf/Utf8.java

1.189 netty-handler 4.1.17.Final

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* /opt/cola/permits/177817459_1695327911.2007577/0/netty-handler-4-1-17-final-sources-jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java
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* /opt/cola/permits/177817459_1695327911.2007577/0/netty-handler-4-1-17-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java
*
 /opt/cola/permits/177817459_1695327911.2007577/0/netty-handler-4-1-17-final-sources-jar/io/netty/handler/ssl/SslContextBuilder.java
* /opt/cola/permits/177817459_1695327911.2007577/0/netty-handler-4-1-17-final-sources-jar/io/netty/handler/ssl/OpenSslJavaxX509Certificate.java
* /opt/cola/permits/177817459_1695327911.2007577/0/netty-handler-4-1-17-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNegotiationHandler.java
* /opt/cola/permits/177817459_1695327911.2007577/0/netty-handler-4-1-17-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNames.java
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* /opt/cola/permits/177817459_1695327911.2007577/0/netty-handler-4-1-17-final-sources-jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java
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 /opt/cola/permits/177817459_1695327911.2007577/0/netty-handler-4-1-17-final-sources-jar/io/netty/handler/ssl/OptionalSslHandler.java
* /opt/cola/permits/177817459_1695327911.2007577/0/netty-handler-4-1-17-final-sources-jar/io/netty/handler/ssl/AbstractSniHandler.java
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* /opt/cola/permits/177817459_1695327911.2007577/0/netty-handler-4-1-17-final-sources-jar/io/netty/handler/ssl/SslCloseCompletionEvent.java
* /opt/cola/permits/177817459_1695327911.2007577/0/netty-handler-4-1-17-final-sources-jar/io/netty/handler/ssl/Conscrypt.java
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*
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* /opt/cola/permits/177817459_1695327911.2007577/0/netty-handler-4-1-17-final-sources-jar/io/netty/handler/stream/ChunkedStream.java
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* /opt/cola/permits/177817459_1695327911.2007577/0/netty-handler-4-1-17-final-sources-jar/io/netty/handler/logging/package-info.java
* /opt/cola/permits/177817459_1695327911.2007577/0/netty-handler-4-1-17-final-sources-jar/io/netty/handler/timeout/WriteTimeoutException.java
* /opt/cola/permits/177817459_1695327911.2007577/0/netty-handler-4-1-17-final-sources-jar/io/netty/handler/stream/ChunkedNioFile.java
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* /opt/cola/permits/177817459_1695327911.2007577/0/netty-handler-4-1-17-final-sources-jar/io/netty/handler/timeout/TimeoutException.java
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1.190 plexus-utils 3.1.0

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* /opt/cola/permits/177819436_1695327921.4857454/0/netty-codec-socks-4-1-17-final-sources-

jar/io/netty/handler/codec/socks/package-info.java
* /opt/cola/permits/177819436_1695327921.4857454/0/netty-codec-socks-4-1-17-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5InitialRequest.java
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* /opt/cola/permits/177819436_1695327921.4857454/0/netty-codec-socks-4-1-17-final-sources-jar/io/netty/handler/codec/socks/SocksProtocolVersion.java
* /opt/cola/permits/177819436_1695327921.4857454/0/netty-codec-socks-4-1-17-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5CommandType.java
* /opt/cola/permits/177819436_1695327921.4857454/0/netty-codec-socks-4-1-17-final-sources-jar/io/netty/handler/codec/socks/SocksCmdStatus.java
* /opt/cola/permits/177819436_1695327921.4857454/0/netty-codec-socks-4-1-17-final-sources-jar/io/netty/handler/codec/socks/SocksSubnegotiationVersion.java
* /opt/cola/permits/177819436_1695327921.4857454/0/netty-codec-socks-4-1-17-final-sources-jar/io/netty/handler/codec/socksx/SocksVersion.java
* /opt/cola/permits/177819436_1695327921.4857454/0/netty-codec-socks-4-1-17-final-sources-jar/io/netty/handler/codec/socks/SocksMessageType.java
* /opt/cola/permits/177819436_1695327921.4857454/0/netty-codec-socks-4-1-17-final-sources-jar/io/netty/handler/codec/socks/SocksResponseType.java
* /opt/cola/permits/177819436_1695327921.4857454/0/netty-codec-socks-4-1-17-final-sources-jar/io/netty/handler/codec/socks/SocksAuthScheme.java
* /opt/cola/permits/177819436_1695327921.4857454/0/netty-codec-socks-4-1-17-final-sources-jar/io/netty/handler/codec/socks/SocksAddressType.java
* /opt/cola/permits/177819436_1695327921.4857454/0/netty-codec-socks-4-1-17-final-sources-jar/io/netty/handler/codec/socks/SocksCmdType.java
* /opt/cola/permits/177819436_1695327921.4857454/0/netty-codec-socks-4-1-17-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthStatus.java

* /opt/cola/permits/177819436_1695327921.4857454/0/netty-codec-socks-4-1-17-final-sources-jar/io/netty/handler/codec/socks/SocksAuthStatus.java
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* /opt/cola/permits/177819436_1695327921.4857454/0/netty-codec-socks-4-1-17-final-sources-jar/io/netty/handler/codec/socks/SocksRequestType.java
* /opt/cola/permits/177819436_1695327921.4857454/0/netty-codec-socks-4-1-17-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5AddressType.java
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* /opt/cola/permits/177819436_1695327921.4857454/0/netty-codec-socks-4-1-17-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthRequestDecoder.java
*
 /opt/cola/permits/177819436_1695327921.4857454/0/netty-codec-socks-4-1-17-final-sources-jar/io/netty/handler/codec/socksx/AbstractSocksMessage.java
* /opt/cola/permits/177819436_1695327921.4857454/0/netty-codec-socks-4-1-17-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5InitialResponseDecoder.java
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* /opt/cola/permits/177819436_1695327921.4857454/0/netty-codec-socks-4-1-17-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5AddressEncoder.java
* /opt/cola/permits/177819436_1695327921.4857454/0/netty-codec-socks-4-1-17-final-sources-jar/io/netty/handler/codec/socksx/SocksPortUnificationServerHandler.java

1.192 netty-handler-proxy 4.1.17.Final

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* /opt/cola/permits/177821001_1695327924.204742/0/netty-handler-proxy-4-1-17-final-sources-jar/io/netty/handler/proxy/Socks4ProxyHandler.java
* /opt/cola/permits/177821001_1695327924.204742/0/netty-handler-proxy-4-1-17-final-sources-jar/io/netty/handler/proxy/Socks5ProxyHandler.java
* /opt/cola/permits/177821001_1695327924.204742/0/netty-handler-proxy-4-1-17-final-sources-jar/io/netty/handler/proxy/HttpProxyHandler.java

* /opt/cola/permits/177821001_1695327924.204742/0/netty-handler-proxy-4-1-17-final-sources-jar/io/netty/handler/proxy/ProxyConnectionEvent.java
* /opt/cola/permits/177821001_1695327924.204742/0/netty-handler-proxy-4-1-17-final-sources-jar/io/netty/handler/proxy/ProxyConnectException.java
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1.193 python 2.7.12-1ubuntu0~16.04.3

1.193.1 Available under license :

```
.. highlightlang:: none

.. _history-and-license:

*******************
History and License
*******************


History of the software
========================

Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see https://www.cwi.nl/) in the Netherlands as a
successor of a language called ABC.  Guido remains Python's principal author,
although it includes many contributions from others.
```

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see https://www.cnri.reston.va.us/) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation; see http://www.zope.com/). In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see https://opensource.org/ for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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+----------------+--------------+-----------+------------+-----------------+
| Release        | Derived from | Year      | Owner      | GPL compatible? |
+================+==============+===========+============+=================+
| 0.9.0 thru 1.2 | n/a          | 1991-1995 | CWI        | yes             |
+----------------+--------------+-----------+------------+-----------------+
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes             |
+----------------+--------------+-----------+------------+-----------------+
| 1.6            | 1.5.2        | 2000      | CNRI       | no              |
+----------------+--------------+-----------+------------+-----------------+
|
 2.0            | 1.6          | 2000      | BeOpen.com | no              |
+----------------+--------------+-----------+------------+-----------------+
| 1.6.1          | 1.6          | 2001      | CNRI       | no              |
+----------------+--------------+-----------+------------+-----------------+
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no              |
+----------------+--------------+-----------+------------+-----------------+
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes             |
+----------------+--------------+-----------+------------+-----------------+
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes             |
+----------------+--------------+-----------+------------+-----------------+
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes             |
+----------------+--------------+-----------+------------+-----------------+
| 2.1.3          | 2.1.2
       | 2002      | PSF        | yes             |
+----------------+--------------+-----------+------------+-----------------+
| 2.2 and above  | 2.1.1        | 2001-now  | PSF        | yes             |
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the verbatim comments from the original code::

A C-program
for MT19937, with initialization improved 2002/1/26.
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using init_genrand(seed)
or init_by_array(init_key, key_length).

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http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/emt.html
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Sockets

The :mod:`socket` module uses the functions, :func:`getaddrinfo`, and :func:`getnameinfo`, which are coded in separate source files from the WIDE Project, http://www.wide.ad.jp/. ::

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L. Peter Deutsch
ghost@aladdin.com

Independent implementation of MD5 (RFC 1321).

This code implements the MD5 Algorithm defined in RFC 1321, whose
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The code is derived from the text of the RFC, including the test suite
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The original and principal author of md5.h is L. Peter Deutsch
<ghost@aladdin.com>. Other authors are noted in the change history
that follows (in reverse chronological order):

2002-04-13 lpd Removed support for non-ANSI compilers; removed
references to Ghostscript; clarified derivation from RFC 1321;
now handles byte order either statically or dynamically.
1999-11-04 lpd Edited comments slightly for automatic TOC extraction.
1999-10-18 lpd Fixed typo in header comment (ansi2knr rather than md5);
added conditionalization for C++ compilation from Martin
Purschke <purschke@bnl.gov>.
1999-05-03 lpd Original version.

Asynchronous socket services

The :mod:`asynchat` and :mod:`asyncore` modules contain the following notice::

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Modified by Jack Jansen, CWI, July 1995:
- Use binascii module to do the actual line-by-line conversion
between ascii and binary. This results in a 1000-fold speedup. The C
version is still 5 times faster, though.
- Arguments more compliant with Python standard

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Select kqueue

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and dtoa

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as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
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Corporation, see http://www.zope.com). In 2001, the Python Software
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0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
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1.194 j2objc-annotations 1.1

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*/

package java.security;

import java.io.Serializable;

/**
* Legacy security code; do not use.
*/
public abstract class Permission implements Guard, Serializable {
   public Permission(String
```

```
name) { }

  public final String getName() { return null; }

  public void checkGuard(Object obj) throws SecurityException { }

  public PermissionCollection newPermissionCollection() {
      return new AllPermissionCollection();
  }

  public abstract String getActions();

  public abstract boolean implies(Permission permission);
}
```

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1.195 logging-interceptor 3.9.1

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1.196 kryo-parent 4.0.2

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-- activemq-web
==========
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1.201 debianutils 4.8.4

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1.207 sensible-utils 0.0.12

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1.208 tar 1.29b-2

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1.209 reflections 0.9.11

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```
Manifest-Version: 1.0
Bundle-Description: Reflections - a Java runtime metadata analysis
Bundle-License: http://www.wtfpl.net/, http://www.opensource.org/licen
ses/bsd-license.html
Bundle-SymbolicName: org.reflections
Archiver-Version: Plexus Archiver
Built-By: ron
Bnd-LastModified: 1490358733199
Bundle-ManifestVersion: 2
Import-Package: com.google.common.base;version="[20.0,21)",com.google.
common.collect;version="[20.0,21)",com.google.common.io;version="[20.
0,21)",com.google.common.util.concurrent;version="[20.0,21)",com.goog
le.gson;resolution:=optional,javassist;version="[3.21,4)",javassist.b
ytecode;version="[3.21,4)",javassist.bytecode.annotation;version="[3.
21,4)",javassist.expr;version="[3.21,4)",javax.annotation;version="[3
.0,4)",javax.servlet;resolution:=optional,org.dom4j;resolution:=optio
nal,org.dom4j.io;resolution:=optional,org.reflections,org.reflections
.adapters,org.reflections.scanners,org.reflections.serializers,org.re
 flections.util,org.reflections.vfs,org.slf4j;version="[1.7,2)";resolu
tion:=optional
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.7))"
Tool: Bnd-3.2.0.201605172007
```

Export-Package: org.reflections;uses:="com.google.common.base,com.goog
le.common.collect,javax.annotation,org.reflections.adapters,org.refle
ctions.scanners,org.reflections.serializers,org.slf4j";version="0.9.1
1",org.reflections.adapters;uses:="javassist.bytecode,javax.annotatio
n,org.reflections.vfs";version="0.9.11",org.reflections.scanners;uses
:="com.google.common.base,com.google.common.collect,javax.annotation,
org.reflections,org.reflections.adapters,org.reflections.vfs";version
="0.9.11",org.reflections.serializers;uses:="org.reflections";version
="0.9.11",org.reflections.util;uses:="com.google.common.base,javax.an
notation,javax.servlet,org.reflections,org.reflections.adapters,org.r
eflections.scanners,org.reflections.serializers,org.slf4j";version="0
.9.11",org.reflections.vfs;uses:="com.google.common.base,javax.annota
tion";version="0.9.11"
Bundle-Name: Reflections
Bundle-Version: 0.9.11
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_101

Found in path(s):
* /opt/cola/permits/183118678_1695334482.2038553/0/reflections-0-9-11-jar/META-INF/MANIFEST.MF
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Found in path(s):
* /opt/cola/permits/183118678_1695334482.2038553/0/reflections-0-9-11-jar/META-INF/maven/org.reflections/reflections/pom.xml

1.210 plexus-component-annotations 1.7.1

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* /opt/cola/permits/183143390_1695334515.906007/0/plexus-component-annotations-1-7-1-sources-jar/org/codehaus/plexus/component/annotations/Configuration.java
* /opt/cola/permits/183143390_1695334515.906007/0/plexus-component-annotations-1-7-1-sources-jar/org/codehaus/plexus/component/annotations/Component.java
* /opt/cola/permits/183143390_1695334515.906007/0/plexus-component-annotations-1-7-1-sources-jar/org/codehaus/plexus/component/annotations/Requirement.java

1.211 maven-repository-metadata 3.5.3

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1.212 maven-core 3.5.3

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1.214 maven-resolver-provider 3.5.3

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1.215 maven-model-builder 3.5.3

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jar/org/codehaus/plexus/classworlds/ClassWorldListener.java
* /opt/cola/permits/183145338_1695334544.3012981/0/plexus-classworlds-2-5-2-sources-jar/org/codehaus/plexus/classworlds/launcher/ConfigurationParser.java
* /opt/cola/permits/183145338_1695334544.3012981/0/plexus-classworlds-2-5-2-sources-jar/org/codehaus/plexus/classworlds/strategy/AbstractStrategy.java
*
/opt/cola/permits/183145338_1695334544.3012981/0/plexus-classworlds-2-5-2-sources-jar/org/codehaus/plexus/classworlds/launcher/ConfigurationException.java
* /opt/cola/permits/183145338_1695334544.3012981/0/plexus-classworlds-2-5-2-sources-jar/org/codehaus/plexus/classworlds/ClassWorldException.java
* /opt/cola/permits/183145338_1695334544.3012981/0/plexus-classworlds-2-5-2-sources-jar/org/codehaus/plexus/classworlds/realm/ClassRealm.java
* /opt/cola/permits/183145338_1695334544.3012981/0/plexus-classworlds-2-5-2-sources-jar/org/codehaus/plexus/classworlds/realm/Entry.java
* /opt/cola/permits/183145338_1695334544.3012981/0/plexus-classworlds-2-5-2-sources-jar/org/codehaus/plexus/classworlds/ClassWorld.java
* /opt/cola/permits/183145338_1695334544.3012981/0/plexus-classworlds-2-5-2-sources-jar/org/codehaus/plexus/classworlds/launcher/Configurator.java
*
/opt/cola/permits/183145338_1695334544.3012981/0/plexus-classworlds-2-5-2-sources-jar/org/codehaus/plexus/classworlds/launcher/ConfigurationHandler.java
* /opt/cola/permits/183145338_1695334544.3012981/0/plexus-classworlds-2-5-2-sources-jar/org/codehaus/plexus/classworlds/UrlUtils.java
* /opt/cola/permits/183145338_1695334544.3012981/0/plexus-classworlds-2-5-2-sources-jar/org/codehaus/plexus/classworlds/launcher/Launcher.java
* /opt/cola/permits/183145338_1695334544.3012981/0/plexus-classworlds-2-5-2-sources-jar/org/codehaus/plexus/classworlds/realm/DuplicateRealmException.java
* /opt/cola/permits/183145338_1695334544.3012981/0/plexus-classworlds-2-5-2-sources-jar/org/codehaus/plexus/classworlds/realm/NoSuchRealmException.java
* /opt/cola/permits/183145338_1695334544.3012981/0/plexus-classworlds-2-5-2-sources-jar/org/codehaus/plexus/classworlds/strategy/Strategy.java
* /opt/cola/permits/183145338_1695334544.3012981/0/plexus-classworlds-2-5-2-sources-jar/org/codehaus/plexus/classworlds/strategy/StrategyFactory.java
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* /opt/cola/permits/183145338_1695334544.3012981/0/plexus-classworlds-2-5-2-sources-jar/org/codehaus/plexus/classworlds/strategy/ParentFirstStrategy.java

1.217 maven-model 3.5.3

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1.218 maven-plugin-api 3.5.3

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* /opt/cola/permits/183146550_1695334552.2286947/0/plexus-interpolation-1-24-sources-jar/org/codehaus/plexus/interpolation/MapBasedValueSource.java
* /opt/cola/permits/183146550_1695334552.2286947/0/plexus-interpolation-1-24-sources-jar/org/codehaus/plexus/interpolation/ObjectBasedValueSource.java
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* /opt/cola/permits/183146550_1695334552.2286947/0/plexus-interpolation-1-24-sources-jar/org/codehaus/plexus/interpolation/InterpolatorFilterReader.java
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*
 /opt/cola/permits/183146550_1695334552.2286947/0/plexus-interpolation-1-24-sources-jar/org/codehaus/plexus/interpolation/PrefixedPropertiesValueSource.java
* /opt/cola/permits/183146550_1695334552.2286947/0/plexus-interpolation-1-24-sources-jar/org/codehaus/plexus/interpolation/fixed/PrefixedPropertiesValueSource.java
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* /opt/cola/permits/183146550_1695334552.2286947/0/plexus-interpolation-1-24-sources-jar/org/codehaus/plexus/interpolation/reflection/ReflectionValueExtractor.java
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* /opt/cola/permits/183146550_1695334552.2286947/0/plexus-interpolation-1-24-sources-jar/org/codehaus/plexus/interpolation/BasicInterpolator.java
* /opt/cola/permits/183146550_1695334552.2286947/0/plexus-interpolation-1-24-sources-jar/org/codehaus/plexus/interpolation/fixed/PrefixedValueSourceWrapper.java
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* /opt/cola/permits/183146550_1695334552.2286947/0/plexus-interpolation-1-24-sources-jar/org/codehaus/plexus/interpolation/fixed/MapBasedValueSource.java
* /opt/cola/permits/183146550_1695334552.2286947/0/plexus-interpolation-1-24-sources-jar/org/codehaus/plexus/interpolation/fixed/FixedStringSearchInterpolator.java
* /opt/cola/permits/183146550_1695334552.2286947/0/plexus-interpolation-1-24-sources-jar/org/codehaus/plexus/interpolation/fixed/PrefixedObjectValueSource.java
* /opt/cola/permits/183146550_1695334552.2286947/0/plexus-interpolation-1-24-sources-jar/org/codehaus/plexus/interpolation/fixed/FixedValueSource.java
* /opt/cola/permits/183146550_1695334552.2286947/0/plexus-interpolation-1-24-sources-jar/org/codehaus/plexus/interpolation/fixed/PropertiesBasedValueSource.java
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* /opt/cola/permits/183146550_1695334552.2286947/0/plexus-interpolation-1-24-sources-jar/org/codehaus/plexus/interpolation/AbstractDelegatingValueSource.java
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* /opt/cola/permits/183146550_1695334552.2286947/0/plexus-interpolation-1-24-sources-jar/org/codehaus/plexus/interpolation/object/FieldBasedObjectInterpolator.java
* /opt/cola/permits/183146550_1695334552.2286947/0/plexus-interpolation-1-24-sources-jar/org/codehaus/plexus/interpolation/StringSearchInterpolator.java
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* /opt/cola/permits/183146550_1695334552.2286947/0/plexus-interpolation-1-24-sources-jar/org/codehaus/plexus/interpolation/object/ObjectInterpolationWarning.java
* /opt/cola/permits/183146550_1695334552.2286947/0/plexus-interpolation-1-24-sources-jar/org/codehaus/plexus/interpolation/QueryEnabledValueSource.java
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* /opt/cola/permits/183146550_1695334552.2286947/0/plexus-interpolation-1-24-sources-jar/org/codehaus/plexus/interpolation/object/ObjectInterpolator.java
* /opt/cola/permits/183146550_1695334552.2286947/0/plexus-interpolation-1-24-sources-jar/org/codehaus/plexus/interpolation/PrefixAwareRecursionInterceptor.java
* /opt/cola/permits/183146550_1695334552.2286947/0/plexus-interpolation-1-24-sources-jar/org/codehaus/plexus/interpolation/AbstractValueSource.java
* /opt/cola/permits/183146550_1695334552.2286947/0/plexus-interpolation-1-24-sources-jar/org/codehaus/plexus/interpolation/fixed/AbstractDelegatingValueSource.java
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* /opt/cola/permits/183146550_1695334552.2286947/0/plexus-interpolation-1-24-sources-jar/org/codehaus/plexus/interpolation/SimpleRecursionInterceptor.java
* /opt/cola/permits/183146550_1695334552.2286947/0/plexus-interpolation-1-24-sources-jar/org/codehaus/plexus/interpolation/ValueSource.java
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   * Determines if the current OS matches the given OS
   * version.
   *
   * @param version the OS version to check for
   * @return true if the OS matches
   * @since 1.0
   */
```

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1.220 maven-shared-utils 3.2.1

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1.223 maven-compat 3.2.5

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1.226 aether-spi 1.0.0.v20140518

1.227 maven-plugin-api 3.2.5

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1.228 aether-util 1.0.0.v20140518

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1.235 aether-api 1.0.0.v20140518

1.236 maven-settings-builder 3.2.5

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1.237 httpasyncclient 4.1.4

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1.238 guava 24.1-jre

1.239 adduser 3.116ubuntu1

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1.240 apt 1.6.3ubuntu0.1

1.241 attr 2.4.47-2build1

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the version number 2.1.]

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A "Combined Work" is a work produced by combining or linking an Application with the Library. The particular version of the Library with which the Combined Work was made is also called the "Linked Version".

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

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concluded that weaker conditions might promote sharing better.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires

that any
application-supplied function or table used by this function must
be optional: if the application does not supply it, the square
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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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case, there is little to gain by limiting
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1.244 base-passwd 3.5.44

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1.246 coreutils 8.28-1ubuntu1

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This is the Debian GNU/Linux packaged version of the GNU core
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This package is maintained by Michael Stone <mstone@debian.org> and
built from sources obtained from:
ftp://ftp.gnu.org/gnu/coreutils/coreutils-8.24.tar.xz

This debian package was first created by Michael Stone <mstone@debian.org>,
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Changes:
* added Debian GNU/Linux package maintenance system files
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1.249 findutils 4.6.0+git+20170828-2

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The idea for -print0 and xargs -0 came from
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Improvements have been made by James Youngman <jay@gnu.org>.

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was originally written by Mike Rendell, with enhancements by David
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* GNU locate and its associated utilities were originally
written by James Woods, with enhancements by David MacKenzie, James Youngman
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1.252 gzip 1.6-5ubuntu1

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LIBGCRYPT The Written Word 2005-04-15
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src/Makefile.am, src/secmem.c, mpi/hppa1.1/mpih-mul3.S,
mpi/hppa1.1/udiv-qrnnd.S, mpi/hppa1.1/mpih-mul2.S,
mpi/hppa1.1/mpih-mul1.S, mpi/Makefile.am, tests/prime.c,
tests/register.c, tests/ac.c, tests/basic.c, tests/tsexp.c,
tests/keygen.c, tests/pubkey.c, configure.ac, acinclude.m4)

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1.255 libunistring 0.9.9-0ubuntu1

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cpan/CPAN-Meta/lib/CPAN/Meta/History/Meta_1_2.pod
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cpan/Locale-Maketext-Simple/t/po_with_i_default/en.po
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dist/ExtUtils-Command/*
dist/ExtUtils-Manifest/*
dist/I18N-Collate/*
dist/Safe/*
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ext/FileCache/*
ext/GDBM_File/*
ext/IPC-Open2/*
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1.259 systemd 237-3ubuntu10.3

1.259.1 Available under license :

From: Michael Biebl <biebl@debian.org>
Date: Sun, 17 Dec 2017 00:31:20 +0100
Subject: Revert "udev-rules: Permission changes for /dev/dri/renderD*"

This would introduce a new system group "render". As the name is rather
generic, this needs further discussion first, so revert this change for
now.

This reverts commit 4e15a7343cb389e97f3eb4f49699161862d8b8b2.
---
meson.build | 2 --
meson_options.txt | 2 --
rules/50-udev-default.rules.in | 5 +----
src/login/70-uaccess.rules | 2 +-
4 files changed, 2 insertions(+), 9 deletions(-)

diff --git a/meson.build b/meson.build
index c734561..b9e59ec 100644

```
--- a/meson.build
+++ b/meson.build
@@ -753,7 +753,6 @@ if get_option('wheel-group')
endif

substs.set('DEV_KVM_MODE', get_option('dev-kvm-mode'))
-substs.set('GROUP_RENDER_MODE', get_option('group-render-mode'))

kill_user_processes = get_option('default-kill-user-processes')
conf.set10('KILL_USER_PROCESSES', kill_user_processes)
@@ -2741,7 +2740,6
 @@ status = [
       'minimum container UID base:       @0@'.format(container_uid_base_min),
       'maximum container UID base:       @0@'.format(container_uid_base_max),
       '/dev/kvm access mode:             @0@'.format(get_option('dev-kvm-mode')),
-       'render group access mode:         @0@'.format(get_option('group-render-mode')),
       'certificate root directory:       @0@'.format(get_option('certificate-root')),
       'support URL:                      @0@'.format(support_url),
       'nobody user name:                 @0@'.format(nobody_user),
diff --git a/meson_options.txt b/meson_options.txt
index 39822d6..b1d035f 100644
--- a/meson_options.txt
+++ b/meson_options.txt
@@ -177,8 +177,6 @@ option('nobody-group', type : 'string',
      value : 'nobody')
option('dev-kvm-mode', type : 'string', value : '0666',
      description : '/dev/kvm access mode')
-option('group-render-mode', type : 'string', value : '0666',
-      description : 'Access mode
 for devices owned by render group (e.g. /dev/dri/renderD*, /dev/kfd).')
option('default-kill-user-processes', type : 'boolean',
      description : 'the default value for KillUserProcesses= setting')
option('gshadow', type : 'boolean',
diff --git a/rules/50-udev-default.rules.in b/rules/50-udev-default.rules.in
index bd4c215..549a4f0 100644
--- a/rules/50-udev-default.rules.in
+++ b/rules/50-udev-default.rules.in
@@ -31,14 +31,11 @@ SUBSYSTEM=="input", KERNEL=="js[0-9]*", MODE="0664"

SUBSYSTEM=="video4linux", GROUP="video"
SUBSYSTEM=="graphics", GROUP="video"
-SUBSYSTEM=="drm", KERNEL!="renderD*", GROUP="video"
+SUBSYSTEM=="drm", GROUP="video"
SUBSYSTEM=="dvb", GROUP="video"
SUBSYSTEM=="media", GROUP="video"
SUBSYSTEM=="cec", GROUP="video"

-SUBSYSTEM=="drm", KERNEL=="renderD*", GROUP="render", MODE="@GROUP_RENDER_MODE@"
```

```
-SUBSYSTEM=="kfd", GROUP="render", MODE="@GROUP_RENDER_MODE@"
-
SUBSYSTEM=="sound", GROUP="audio", \
  OPTIONS+="static_node=snd/seq", OPTIONS+="static_node=snd/timer"

diff --git a/src/login/70-uaccess.rules b/src/login/70-uaccess.rules
index f2c838f..f3a2e66 100644
--- a/src/login/70-uaccess.rules
+++ b/src/login/70-uaccess.rules
@@ -45,7 +45,7 @@ SUBSYSTEM=="firewire", ATTR{units}=="*0x00a02d:0x010001*", TAG+="uaccess"
SUBSYSTEM=="firewire", ATTR{units}=="*0x00a02d:0x014001*", TAG+="uaccess"

# DRI video devices
-SUBSYSTEM=="drm", KERNEL=="card*", TAG+="uaccess"
+SUBSYSTEM=="drm", KERNEL=="card*|renderD*", TAG+="uaccess"

# smart-card readers
ENV{ID_SMARTCARD_READER}=="?*", TAG+="uaccess"
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: systemd
Upstream-Contact: systemd-devel@lists.freedesktop.org
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Files: src/udev/udev-ctrl.c
src/udev/udevadm-hwdb.c
src/udev/udev-builtin.c
src/udev/udev-builtin-net_id.c
src/udev/udev-builtin-net_setup_link.c
src/udev/udev-builtin-hwdb.c
src/udev/udev-builtin-btrfs.c
src/udev/udev-builtin-keyboard.c
src/udev/net/link-config.h
src/udev/net/link-config.c
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1.260 sysv-init 2.88dsf-59.10ubuntu1

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in the right order at bootup/shutdown time, and when changing runlevels.
It works through managing symlinks in /etc/rc?.d

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shutdown of Debian systems.

This package is built from the `sysvinit' source package. Please
consult the copyright file of the sysvinit package for the location of
the upstream sources of the sysvinit package. Debian-specific files
for sysvinit, such as these initscripts, are maintained by the members
of the pkg-sysvinit project at alioth.debian.org.

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This is the Debian GNU/Linux prepackaged version of System V Init.

Init was written by Miquel van Smoorenburg <miquels@cistron.nl>.

This package was first put together by Bruce Perens <Bruce@Pixar.com>
from pre-distribution sources. Ian Murdock <imurdock@debian.org>
integrated it into the base system maintained it until the end of 1995.
Miquel van Smoorenburg <miquels@cistron.nl> implemented Debian support.
In version 2.85 the package was split into three (sysvinit, sysv-rc,
and initscripts) in order to make room for alternative rc mechanisms.

The upstream source is available at:

Primary-Site: ftp.cistron.nl /pub/people/miquels/software
92K sysvinit-2.86.tar.gz
Alternate-Site: sunsite.unc.edu /pub/Linux/system/daemons/init
92K sysvinit-2.86.tar.gz

Send patches to sysvinit-devel@nongnu.org.

The sysvinit package in Debian is maintained as an alioth project.
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The of the start-stop-daemon:

* A rewrite of the original Debian's

start-stop-daemon Perl script
* in C (faster - it is executed many times during system startup).
*
* Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>,
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1.261 zlib 1.2.11.dfsg-0ubuntu2

1.261.1 Available under license :

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This is the pre-packaged Debian Linux version of the zlib compression
library. It was packaged by Michael Alan Dorman <mdorman@debian.org>
from sources originally retrieved from ftp.uu.net in the directory
/pub/archiving/zip/zlib as the file zlib-1.0.4.tar.gz.

There is a homepage at http://www.gzip.org/zlib/

Acknowledgments:

The deflate format used by zlib was defined by Phil Katz. The deflate
and zlib specifications were written by Peter Deutsch. Thanks to all the
people who reported problems and suggested various improvements in zlib;
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1.262 zstd 1.3.3+dfsg-2ubuntu1

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Upstream-Name: Zstd
Source: https://github.com/facebook/zstd
Files-Excluded: appveyor.yml
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1.263 animal-sniffer-annotation 1.17

1.264 listenablefuture 9999.0-empty-to-avoid-conflict-with-guava

1.265 hikaricp 2.3.13

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* /opt/cola/permits/189457402_1651176781.75/0/hikaricp-java6-2-3-13-sources-jar/com/zaxxer/hikari/pool/HikariMBeanElf.java
* /opt/cola/permits/189457402_1651176781.75/0/hikaricp-java6-2-3-13-sources-jar/com/zaxxer/hikari/proxy/CallableStatementProxy.java
*
 /opt/cola/permits/189457402_1651176781.75/0/hikaricp-java6-2-3-13-sources-jar/com/zaxxer/hikari/util/UtilityElf.java
* /opt/cola/permits/189457402_1651176781.75/0/hikaricp-java6-2-3-13-sources-jar/com/zaxxer/hikari/pool/HikariPoolMXBean.java
* /opt/cola/permits/189457402_1651176781.75/0/hikaricp-java6-2-3-13-sources-jar/com/zaxxer/hikari/IConnectionCustomizer.java
* /opt/cola/permits/189457402_1651176781.75/0/hikaricp-java6-2-3-13-sources-jar/com/zaxxer/hikari/proxy/PreparedStatementProxy.java
* /opt/cola/permits/189457402_1651176781.75/0/hikaricp-java6-2-3-13-sources-jar/com/zaxxer/hikari/HikariDataSource.java
* /opt/cola/permits/189457402_1651176781.75/0/hikaricp-java6-2-3-13-sources-jar/com/zaxxer/hikari/proxy/ClosedConnection.java
* /opt/cola/permits/189457402_1651176781.75/0/hikaricp-java6-2-3-13-sources-jar/com/zaxxer/hikari/hibernate/HikariConfigurationUtil.java
* /opt/cola/permits/189457402_1651176781.75/0/hikaricp-java6-2-3-13-sources-jar/com/zaxxer/hikari/HikariConfigMXBean.java
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 /opt/cola/permits/189457402_1651176781.75/0/hikaricp-java6-2-3-13-sources-jar/com/zaxxer/hikari/util/PropertyBeanSetter.java
* /opt/cola/permits/189457402_1651176781.75/0/hikaricp-java6-2-3-13-sources-jar/com/zaxxer/hikari/hibernate/HikariConnectionProvider.java
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jar/com/zaxxer/hikari/util/JavassistProxyFactory.java
* /opt/cola/permits/189457402_1651176781.75/0/hikaricp-java6-2-3-13-sources-
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* /opt/cola/permits/189457402_1651176781.75/0/hikaricp-java6-2-3-13-sources-jar/com/zaxxer/hikari/util/ConcurrentBag.java
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1.266 guava 27.0.1-android

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1.267 httpcomponents-core 4.4.10

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1.269 gnutls 3.5.18-1ubuntu1

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Comment: This code is not used on Debian/*, since we have a working
vasprintf() in glibc.

lib/extras/hex.*
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==========

tests/pkcs11/pkcs11-mock.*
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1.288 okhttp 3.9.0

1.289 geronimoj2eemanagement 1.0.1

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1.290 aether-util 0.9.0.M2

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```
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*******************************************************************************/
package org.eclipse.aether.util.repository;

import org.eclipse.aether.RepositorySystemSession;
import org.eclipse.aether.artifact.Artifact;
import org.eclipse.aether.metadata.Metadata;
import org.eclipse.aether.resolution.ResolutionErrorPolicy;
import org.eclipse.aether.resolution.ResolutionErrorPolicyRequest;

/**
* A resolution error policy that allows to control caching for artifacts and metadata at a global level.
*/
public final class SimpleResolutionErrorPolicy
  implements
 ResolutionErrorPolicy
{

  private final int artifactPolicy;

  private final int metadataPolicy;

  /**
   * Creates a new error policy with the specified behavior for both artifacts and metadata.
   *
   * @param cacheNotFound {@code true} to enable caching of missing items, {@code false} to disable it.
   * @param cacheTransferErrors {@code true} to enable chaching of transfer errors, {@code false} to disable it.
   */
  public SimpleResolutionErrorPolicy( boolean cacheNotFound, boolean cacheTransferErrors )
  {
     this( ( cacheNotFound ? CACHE_NOT_FOUND : 0 ) | ( cacheTransferErrors ? CACHE_TRANSFER_ERROR
: 0 ) );
  }

  /**
   * Creates a new error policy with the specified bit mask for both artifacts and metadata.
   *
   * @param policy The bit mask describing the policy for artifacts and metadata.
   */
```

```
  public SimpleResolutionErrorPolicy( int policy )
  {
      this( policy, policy );
  }

  /**
   * Creates a new error
 policy with the specified bit masks for artifacts and metadata.
   *
   * @param artifactPolicy The bit mask describing the policy for artifacts.
   * @param metadataPolicy The bit mask describing the policy for metadata.
   */
  public SimpleResolutionErrorPolicy( int artifactPolicy, int metadataPolicy )
  {
      this.artifactPolicy = artifactPolicy;
      this.metadataPolicy = metadataPolicy;
  }

  public int getArtifactPolicy( RepositorySystemSession session, ResolutionErrorPolicyRequest<Artifact> request )
  {
      return artifactPolicy;
  }

  public int getMetadataPolicy( RepositorySystemSession session, ResolutionErrorPolicyRequest<Metadata>
request )
  {
      return metadataPolicy;
  }

}
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*******************************************************************************/
package org.eclipse.aether.util.repository;

import org.eclipse.aether.RepositorySystemSession;
import org.eclipse.aether.resolution.ArtifactDescriptorPolicy;
import org.eclipse.aether.resolution.ArtifactDescriptorPolicyRequest;

/**
* An artifact descriptor error policy that allows to control error handling at a global level.
```

```
*/
public final class SimpleArtifactDescriptorPolicy
  implements ArtifactDescriptorPolicy
{

  private final int policy;

  /**
   * Creates
 a new error policy with the specified behavior.
   *
   * @param ignoreMissing {@code true} to ignore missing descriptors, {@code false} to fail resolution.
   * @param ignoreInvalid {@code true} to ignore invalid descriptors, {@code false} to fail resolution.
   */
  public SimpleArtifactDescriptorPolicy( boolean ignoreMissing, boolean ignoreInvalid )
  {
     this( ( ignoreMissing ? IGNORE_MISSING : 0 ) | ( ignoreInvalid ? IGNORE_INVALID : 0 ) );
  }

  /**
   * Creates a new error policy with the specified bit mask.
   *
   * @param policy The bit mask describing the policy.
   */
  public SimpleArtifactDescriptorPolicy( int policy )
  {
     this.policy = policy;
  }

  public int getPolicy( RepositorySystemSession session, ArtifactDescriptorPolicyRequest request )
  {
     return policy;
  }

}
```

1.291 ncurses 6.0+20160213-1ubuntu1

1.291.1 Available under license :

Upstream source http://invisible-island.net/ncurses/ncurses.html
This package is used for testing builds of ncurses.

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Current versions of the ncurses sources are found at
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It is based somewhat on work done by Bruce Perens <Bruce@Pixar.com>,
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* /opt/cola/permits/203480980_1651176812.86/0/hikaricp-java7-2-4-13-sources-zip/com/zaxxer/hikari/util/UtilityElf.java
* /opt/cola/permits/203480980_1651176812.86/0/hikaricp-java7-2-4-13-sources-zip/com/zaxxer/hikari/hibernate/HikariConfigurationUtil.java
* /opt/cola/permits/203480980_1651176812.86/0/hikaricp-java7-2-4-13-sources-zip/com/zaxxer/hikari/util/PropertyElf.java
* /opt/cola/permits/203480980_1651176812.86/0/hikaricp-java7-2-4-13-sources-zip/com/zaxxer/hikari/HikariDataSource.java
* /opt/cola/permits/203480980_1651176812.86/0/hikaricp-java7-2-4-13-sources-zip/com/zaxxer/hikari/hibernate/HikariConnectionProvider.java
* /opt/cola/permits/203480980_1651176812.86/0/hikaricp-java7-2-4-13-sources-zip/com/zaxxer/hikari/HikariPoolMXBean.java
* /opt/cola/permits/203480980_1651176812.86/0/hikaricp-java7-2-4-13-sources-zip/com/zaxxer/hikari/HikariConfigMXBean.java
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Found in path(s):
* /opt/cola/permits/203480980_1651176812.86/0/hikaricp-java7-2-4-13-sources-zip/com/zaxxer/hikari/HikariConfig.java
* /opt/cola/permits/203480980_1651176812.86/0/hikaricp-java7-2-4-13-sources-zip/com/zaxxer/hikari/util/FastList.java
* /opt/cola/permits/203480980_1651176812.86/0/hikaricp-java7-2-4-13-sources-zip/com/zaxxer/hikari/pool/ProxyLeakTask.java
* /opt/cola/permits/203480980_1651176812.86/0/hikaricp-java7-2-4-13-sources-zip/com/zaxxer/hikari/pool/ProxyResultSet.java
* /opt/cola/permits/203480980_1651176812.86/0/hikaricp-java7-2-4-13-sources-zip/com/zaxxer/hikari/pool/ProxyConnection.java
* /opt/cola/permits/203480980_1651176812.86/0/hikaricp-java7-2-4-13-sources-zip/com/zaxxer/hikari/util/DriverDataSource.java
* /opt/cola/permits/203480980_1651176812.86/0/hikaricp-java7-2-4-13-sources-zip/com/zaxxer/hikari/pool/ProxyFactory.java
* /opt/cola/permits/203480980_1651176812.86/0/hikaricp-java7-2-4-13-sources-zip/com/zaxxer/hikari/util/ConcurrentBag.java
* /opt/cola/permits/203480980_1651176812.86/0/hikaricp-java7-2-4-13-sources-zip/com/zaxxer/hikari/util/SuspendResumeLock.java
* /opt/cola/permits/203480980_1651176812.86/0/hikaricp-java7-2-4-13-sources-zip/com/zaxxer/hikari/util/JavassistProxyFactory.java

1.296 maven-profile 2.2.1

1.297 maven-project 2.2.1

1.298 maven-repository-metadata 2.2.1

1.299 maven-settings 2.2.1

1.300 jetty-security 9.4.18.v20190429

1.300.1 Available under license :

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

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* java.sun.security.ssl

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http://openjdk.java.net/legal/gplv2+ce.html

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
 org.apache.tomcat:tomcat-jasper
 org.apache.tomcat:tomcat-juli
 org.apache.tomcat:tomcat-jsp-api
 org.apache.tomcat:tomcat-el-api
 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-api
 org.apache.tomcat:tomcat-util-scan
 org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-el-api

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
artifacts may be included in the distribution or downloaded when ALPN
module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications

are hosted at github and both modified and original are under GPL v2 with
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http://openjdk.java.net/legal/gplv2+ce.html

OW2

The following artifacts are licensed by the OW2 Foundation according to the
terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

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following Apache Tomcat jars, all ASL2
 licensed.

org.mortbay.jasper:apache-jsp
 org.apache.tomcat:tomcat-jasper
 org.apache.tomcat:tomcat-juli
 org.apache.tomcat:tomcat-jsp-api
 org.apache.tomcat:tomcat-el-api
 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-api
 org.apache.tomcat:tomcat-util-scan
 org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.302 boost 1.70.0

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1.303 alsa 1.1.3-5ubuntu0.2

1.304 lz4 0.0~r131-2ubuntu3

1.304.1 Available under license :

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Upstream-Name: lz4
Source: https://github.com/Cyan4973/lz4

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1.305 maven-plugin-api 3.0

1.306 debconf 1.5.66ubuntu1

1.307 javax-ws-rs-api 2.1.1

1.308 bzip2 1.0.8

1.309 spf13-pflag 1.0.3

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1.310 j2objc-annotations 1.3

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1.311 commons-beanutils 1.9.4

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1.312 guava 28.1-jre

1.313 netty-handler 4.1.32.Final

1.314 netty-resolver 4.1.32.Final

1.315 slf4j 1.7.28

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* /opt/cola/permits/211276241_1646171445.23/0/slf4j-api-1-7-28-sources-jar/org/slf4j/spi/LoggerFactoryBinder.java
* /opt/cola/permits/211276241_1646171445.23/0/slf4j-api-1-7-28-sources-jar/org/slf4j/helpers/NOPMDCAdapter.java
* /opt/cola/permits/211276241_1646171445.23/0/slf4j-api-1-7-28-sources-jar/org/slf4j/IMarkerFactory.java
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* /opt/cola/permits/211276241_1646171445.23/0/slf4j-api-1-7-28-sources-jar/org/slf4j/spi/LocationAwareLogger.java
* /opt/cola/permits/211276241_1646171445.23/0/slf4j-api-1-7-28-sources-jar/org/slf4j/helpers/FormattingTuple.java
* /opt/cola/permits/211276241_1646171445.23/0/slf4j-api-1-7-28-sources-jar/org/slf4j/helpers/BasicMDCAdapter.java
*
/opt/cola/permits/211276241_1646171445.23/0/slf4j-api-1-7-28-sources-jar/org/slf4j/helpers/SubstituteLoggerFactory.java
* /opt/cola/permits/211276241_1646171445.23/0/slf4j-api-1-7-28-sources-jar/org/slf4j/impl/StaticLoggerBinder.java
* /opt/cola/permits/211276241_1646171445.23/0/slf4j-api-1-7-28-sources-jar/org/slf4j/helpers/Util.java
* /opt/cola/permits/211276241_1646171445.23/0/slf4j-api-1-7-28-sources-jar/org/slf4j/helpers/MarkerIgnoringBase.java
* /opt/cola/permits/211276241_1646171445.23/0/slf4j-api-1-7-28-sources-jar/org/slf4j/LoggerFactory.java
* /opt/cola/permits/211276241_1646171445.23/0/slf4j-api-1-7-28-sources-jar/org/slf4j/spi/MarkerFactoryBinder.java
* /opt/cola/permits/211276241_1646171445.23/0/slf4j-api-1-7-28-sources-jar/org/slf4j/helpers/NOPLoggerFactory.java
* /opt/cola/permits/211276241_1646171445.23/0/slf4j-api-1-7-28-sources-jar/org/slf4j/helpers/SubstituteLogger.java
* /opt/cola/permits/211276241_1646171445.23/0/slf4j-api-1-7-28-sources-jar/org/slf4j/impl/StaticMDCBinder.java
*

/opt/cola/permits/211276241_1646171445.23/0/slf4j-api-1-7-28-sources-jar/org/slf4j/spi/MDCAdapter.java
* /opt/cola/permits/211276241_1646171445.23/0/slf4j-api-1-7-28-sources-jar/org/slf4j/Logger.java
* /opt/cola/permits/211276241_1646171445.23/0/slf4j-api-1-7-28-sources-jar/org/slf4j/MarkerFactory.java
* /opt/cola/permits/211276241_1646171445.23/0/slf4j-api-1-7-28-sources-jar/org/slf4j/helpers/BasicMarkerFactory.java
* /opt/cola/permits/211276241_1646171445.23/0/slf4j-api-1-7-28-sources-jar/org/slf4j/helpers/BasicMarker.java
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* /opt/cola/permits/211276241_1646171445.23/0/slf4j-api-1-7-28-sources-jar/org/slf4j/MDC.java
* /opt/cola/permits/211276241_1646171445.23/0/slf4j-api-1-7-28-sources-jar/org/slf4j/ILoggerFactory.java
* /opt/cola/permits/211276241_1646171445.23/0/slf4j-api-1-7-28-sources-jar/org/slf4j/helpers/NOPLogger.java
*
/opt/cola/permits/211276241_1646171445.23/0/slf4j-api-1-7-28-sources-jar/org/slf4j/helpers/MessageFormatter.java
* /opt/cola/permits/211276241_1646171445.23/0/slf4j-api-1-7-28-sources-jar/org/slf4j/helpers/NamedLoggerBase.java

1.316 poi-scratchpad 3.15

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1.317 zkclient 0.10

1.318 opencensus-api 0.10.0

1.319 ucf 3.0038

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1.321 shadow 4.5-1ubuntu2

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1.326 libseccomp 2.3.1-2.1ubuntu4

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5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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Section 6 states terms for distribution of such executables.

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derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
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Otherwise, if the work is a derivative of the Library, you may
distribute the
object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

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a) Accompany
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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate
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c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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1.327 isl 0.19-1

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1.328 libxcb 1.13-2~ubuntu18.04

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1.329 shadow 4.5-1ubuntu1

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1.330 xorg 7.7+19ubuntu7.1

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1.331 xorg-sgml-doctools 1.11-1

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1.333 mailapi 1.4.3

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1.334 beanshell 2.0b4

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```
/**
 Print the string value of the argument, which may be of any type.
 If beanshell is running interactively, the output will always go to the
 command line, otherwise it will go to System.out.
 <p>

 Most often the printed value of an object will simply be the Java
 toString() of the object.  However if the argument is an array the contents
 of the array will be (recursively) listed in a verbose way.
 <p>

 Note that you are always free to use System.out.println()
 instead of print().
*/
```

Found in path(s):
* /opt/cola/permits/1000060130_1646171457.83/0/bsh-2-0b4-jar/bsh/commands/print.bsh

1.335 joda-convert 1.2

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*/
```

Found in path(s):
* /opt/cola/permits/1000740126_1646171518.5/0/slf4j-api-1-7-25-sources-jar/org/slf4j/MDC.java
* /opt/cola/permits/1000740126_1646171518.5/0/slf4j-api-1-7-25-sources-jar/org/slf4j/helpers/MarkerIgnoringBase.java
* /opt/cola/permits/1000740126_1646171518.5/0/slf4j-api-1-7-25-sources-jar/org/slf4j/LoggerFactory.java
* /opt/cola/permits/1000740126_1646171518.5/0/slf4j-api-1-7-25-sources-jar/org/slf4j/helpers/NOPLoggerFactory.java
* /opt/cola/permits/1000740126_1646171518.5/0/slf4j-api-1-7-25-sources-jar/org/slf4j/spi/LocationAwareLogger.java
* /opt/cola/permits/1000740126_1646171518.5/0/slf4j-api-1-7-25-sources-jar/org/slf4j/helpers/MessageFormatter.java
* /opt/cola/permits/1000740126_1646171518.5/0/slf4j-api-1-7-25-sources-jar/org/slf4j/helpers/NamedLoggerBase.java
* /opt/cola/permits/1000740126_1646171518.5/0/slf4j-api-1-7-25-sources-jar/org/slf4j/spi/MarkerFactoryBinder.java
* /opt/cola/permits/1000740126_1646171518.5/0/slf4j-api-1-7-25-sources-jar/org/slf4j/impl/StaticMDCBinder.java

* /opt/cola/permits/1000740126_1646171518.5/0/slf4j-api-1-7-25-sources-jar/org/slf4j/helpers/SubstituteLogger.java
* /opt/cola/permits/1000740126_1646171518.5/0/slf4j-api-1-7-25-sources-jar/org/slf4j/helpers/NOPLogger.java
* /opt/cola/permits/1000740126_1646171518.5/0/slf4j-api-1-7-25-sources-jar/org/slf4j/impl/StaticLoggerBinder.java
* /opt/cola/permits/1000740126_1646171518.5/0/slf4j-api-1-7-25-sources-jar/org/slf4j/helpers/Util.java
* /opt/cola/permits/1000740126_1646171518.5/0/slf4j-api-1-7-25-sources-jar/org/slf4j/helpers/FormattingTuple.java
* /opt/cola/permits/1000740126_1646171518.5/0/slf4j-api-1-7-25-sources-jar/org/slf4j/MarkerFactory.java
* /opt/cola/permits/1000740126_1646171518.5/0/slf4j-api-1-7-25-sources-jar/org/slf4j/spi/LoggerFactoryBinder.java
* /opt/cola/permits/1000740126_1646171518.5/0/slf4j-api-1-7-25-sources-jar/org/slf4j/helpers/SubstituteLoggerFactory.java
* /opt/cola/permits/1000740126_1646171518.5/0/slf4j-api-1-7-25-sources-jar/org/slf4j/Marker.java
* /opt/cola/permits/1000740126_1646171518.5/0/slf4j-api-1-7-25-sources-jar/org/slf4j/spi/MDCAdapter.java
* /opt/cola/permits/1000740126_1646171518.5/0/slf4j-api-1-7-25-sources-jar/org/slf4j/helpers/BasicMarker.java
* /opt/cola/permits/1000740126_1646171518.5/0/slf4j-api-1-7-25-sources-jar/org/slf4j/helpers/NOPMDCAdapter.java
* /opt/cola/permits/1000740126_1646171518.5/0/slf4j-api-1-7-25-sources-jar/org/slf4j/helpers/BasicMDCAdapter.java
* /opt/cola/permits/1000740126_1646171518.5/0/slf4j-api-1-7-25-sources-jar/org/slf4j/impl/StaticMarkerBinder.java
* /opt/cola/permits/1000740126_1646171518.5/0/slf4j-api-1-7-25-sources-jar/org/slf4j/helpers/BasicMarkerFactory.java
* /opt/cola/permits/1000740126_1646171518.5/0/slf4j-api-1-7-25-sources-jar/org/slf4j/Logger.java
* /opt/cola/permits/1000740126_1646171518.5/0/slf4j-api-1-7-25-sources-jar/org/slf4j/IMarkerFactory.java
* /opt/cola/permits/1000740126_1646171518.5/0/slf4j-api-1-7-25-sources-jar/org/slf4j/ILoggerFactory.java

1.347 keyutils 1.5.9-9.2ubuntu2

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1.348 oro 2.0.8

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* $Id: groups.java,v 1.8 2003/11/07 20:16:23 dfs Exp $
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/*
* $Id: PatternMatcherInput.java,v 1.7 2003/11/07 20:16:25 dfs Exp $
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jar/org/apache/oro/text/regex/PatternMatcherInput.java
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* $Id: CacheLRU.java,v 1.10 2003/11/07 20:16:25 dfs Exp $
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jar/org/apache/oro/text/regex/PatternMatcher.java
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/*
* $Id: QuestionNode.java,v 1.7 2003/11/07 20:16:24 dfs Exp $
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* $Id: AwkMatchResult.java,v 1.8 2003/11/07 20:16:24 dfs Exp $
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/**
  * Determines if the contents of a PatternMatcherInput, starting from the
  * current offset of the input contains a pattern.
  * If a pattern match is found, a MatchResult
   * instance representing the <b>first</b> such match is made acessible via
  * {@link #getMatch()}.  The current offset of the
  * PatternMatcherInput is set to the offset corresponding to the end
  * of the match, so that a subsequent call to this method will continue
  * searching where the last call left off.  You should remember that the
  * region between the begin and end offsets of the PatternMatcherInput are
  * considered the input to be searched, and that the current offset
  * of the PatternMatcherInput reflects where a search will start from.
  * Matches extending beyond the end offset of the PatternMatcherInput
  * will not be matched.  In other words, a match must occur entirely
```

```
 * between the begin and end offsets of the input.  See
 * {@link org.apache.oro.text.regex.PatternMatcherInput PatternMatcherInput}
 * for more details.
 * <p>
 * As a side effect, if a match is found, the PatternMatcherInput match
 * offset information is updated.  See
the PatternMatcherInput
 * {@link org.apache.oro.text.regex.PatternMatcherInput#setMatchOffsets
 * setMatchOffsets(int, int)} method for more details.
 * <p>
 * The pattern must be an AwkPattern instance, otherwise a
 * ClassCastException will be thrown.  You are not required to, and
 * indeed should NOT try to (for performance reasons), catch a
 * ClassCastException because it will never be thrown as long as you use
 * an AwkPattern as the pattern parameter.
 * <p>
 * This method is usually used in a loop as follows:
 * <blockquote><pre>
 * PatternMatcher matcher;
 * PatternCompiler compiler;
 * Pattern pattern;
 * PatternMatcherInput input;
 * MatchResult result;
 *
 * compiler = new AwkCompiler();
 * matcher  = new AwkMatcher();
 *
 * try {
 *   pattern = compiler.compile(somePatternString);
 * } catch(MalformedPatternException e) {
 *   System.err.println("Bad pattern.");
 *   System.err.println(e.getMessage());
  *   return;
 * }
 *
 * input   = new PatternMatcherInput(someStringInput);
 *
 * while(matcher.contains(input, pattern)) {
 *   result = matcher.getMatch();
 *   // Perform whatever processing on the result you want.
 * }
 *
 * </pre></blockquote>
 * <p>
 * @param input  The PatternMatcherInput to test for a match.
 * @param pattern  The Pattern to be matched.
 * @return True if the input contains a pattern match, false otherwise.
 * @exception ClassCastException If a Pattern instance other than an
```

```
 *        AwkPattern is passed as the pattern parameter.
 */
```

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* /opt/cola/permits/1000740375_1646171523.75/0/oro-2-0-8-sources-jar/org/apache/oro/text/awk/AwkMatcher.java
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* $Id: GenericCacheEntry.java,v 1.7 2003/11/07 20:16:25 dfs Exp $
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* /opt/cola/permits/1000740375_1646171523.75/0/oro-2-0-8-sources-
jar/org/apache/oro/text/regex/Perl5Compiler.java
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/*
* $Id: PatternCacheFIFO.java,v 1.7 2003/11/07 20:16:24 dfs Exp $
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* $Id: DefaultMatchAction.java,v 1.7 2003/11/07 20:16:24 dfs Exp $
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jar/org/apache/oro/text/DefaultMatchAction.java
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/*
* $Id: Perl5MatchResult.java,v 1.8 2003/11/07 20:16:25 dfs Exp $
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jar/org/apache/oro/text/regex/Perl5MatchResult.java
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* /opt/cola/permits/1000740375_1646171523.75/0/oro-2-0-8-sources-jar/examples/awk/streamInputExample.java
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* $Id: NegativeCharacterClassNode.java,v 1.7 2003/11/07 20:16:24 dfs Exp $
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* /opt/cola/permits/1000740375_1646171523.75/0/oro-2-0-8-sources-jar/org/apache/oro/text/awk/NegativeCharacterClassNode.java
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* $Id: CharStringPointer.java,v 1.7 2003/11/07 20:16:25 dfs Exp $
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* /opt/cola/permits/1000740375_1646171523.75/0/oro-2-0-8-sources-jar/examples/matchesContainsExample.java
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/*
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* /opt/cola/permits/1000740375_1646171523.75/0/oro-2-0-8-sources-jar/org/apache/oro/text/awk/SyntaxNode.java
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```
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* $Id: splitExample.java,v 1.8 2003/11/07 20:16:23 dfs Exp $
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* /opt/cola/permits/1000740375_1646171523.75/0/oro-2-0-8-sources-jar/examples/awk/splitExample.java
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```
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* $Id: CacheFIFO2.java,v 1.7 2003/11/07 20:16:25 dfs Exp $
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* $Id: AwkPattern.java,v 1.7 2003/11/07 20:16:24 dfs Exp $
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* $Id: substituteExample.java,v 1.9 2003/11/07 20:16:23 dfs Exp $
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* /opt/cola/permits/1000740375_1646171523.75/0/oro-2-0-8-sources-jar/examples/awk/prefixExample.java
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* /opt/cola/permits/1000740375_1646171523.75/0/oro-2-0-8-sources-jar/org/apache/oro/text/GlobCompiler.java
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/*
* $Id: MatchActionProcessor.java,v 1.10 2003/11/07 20:16:24 dfs Exp $
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jar/org/apache/oro/text/MatchActionProcessor.java
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/*
* $Id: PatternCacheFIFO2.java,v 1.7 2003/11/07 20:16:24 dfs Exp $
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jar/org/apache/oro/text/PatternCacheFIFO2.java
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/*
* $Id: StringSubstitution.java,v 1.8 2003/11/07 20:16:25 dfs Exp $
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* $Id: AwkStreamInput.java,v 1.7 2003/11/07 20:16:24 dfs Exp $
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* /opt/cola/permits/1000740375_1646171523.75/0/oro-2-0-8-sources-
jar/org/apache/oro/text/awk/AwkStreamInput.java
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* $Id: PatternCacheRandom.java,v 1.7 2003/11/07 20:16:24 dfs Exp $
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* $Id: PlusNode.java,v 1.7 2003/11/07 20:16:24 dfs Exp $
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* /opt/cola/permits/1000740375_1646171523.75/0/oro-2-0-8-sources-jar/examples/printPasswd.java
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```
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* $Id: MalformedCachePatternException.java,v 1.7 2003/11/07 20:16:24 dfs Exp $
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* /opt/cola/permits/1000740375_1646171523.75/0/oro-2-0-8-sources-

jar/org/apache/oro/text/MalformedCachePatternException.java
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```
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* $Id: oroToApache.java,v 1.7 2003/11/07 20:16:26 dfs Exp $
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* /opt/cola/permits/1000740375_1646171523.75/0/oro-2-0-8-sources-jar/tools/oroToApache.java
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/*
* $Id: Substitution.java,v 1.7 2003/11/07 20:16:25 dfs Exp $
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* /opt/cola/permits/1000740375_1646171523.75/0/oro-2-0-8-sources-jar/org/apache/oro/text/regex/Substitution.java
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```
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* /opt/cola/permits/1000740375_1646171523.75/0/oro-2-0-8-sources-jar/examples/filter.java
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* $Id: Perl5Repetition.java,v 1.7 2003/11/07 20:16:25 dfs Exp $
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* /opt/cola/permits/1000740375_1646171523.75/0/oro-2-0-8-sources-jar/org/apache/oro/text/regex/Perl5Repetition.java
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/*
* $Id: OpCode.java,v 1.11 2003/11/07 20:16:25 dfs Exp $
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```
/*
* $Id: ParsedSubstitutionEntry.java,v 1.7 2003/11/07 20:16:25 dfs Exp $
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1.350 hicolor-icon-theme 0.17-2

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1.352 free-type 2.8.1-2ubuntu2

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# Don't put empty lines into this file!
#
.gitignore
#
builds/unix/pkg.m4
#
docs/FTL.TXT
docs/GPLv2.TXT
#
include/freetype/internal/fthash.h
#
src/base/fthash.c
src/base/md5.c
src/base/md5.h
#
```

```
src/bdf/bdf.c
src/bdf/bdf.h
src/bdf/bdfdrivr.c
src/bdf/bdfdrivr.h
src/bdf/bdferror.h
src/bdf/bdflib.c
src/bdf/module.mk
src/bdf/README
src/bdf/rules.mk
#
src/pcf/module.mk
src/pcf/pcf.c
src/pcf/pcf.h
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
src/pcf/pcferror.h
src/pcf/pcfread.c
src/pcf/pcfread.h
src/pcf/pcfutil.c
src/pcf/pcfutil.h
src/pcf/README
src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
src/tools/apinames.c
src/tools/ftrandom/ftrandom.c
#
#
 EOF
```

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1.355 commons-logging 1.1.1

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1.356 gson 2.7

1.357 lua-cjson 2.1.0

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1.358 commons-digester 1.8

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* /opt/cola/permits/1000749902_1651084404.0/0/commons-digester-1-8-sources-jar/org/apache/commons/digester/SimpleRegexMatcher.java
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/* $Id: WithDefaultsRulesWrapper.java 471661 2006-11-06 08:09:25Z skitching $
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/* $Id: RulesFactory.java 471661 2006-11-06 08:09:25Z skitching $
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/* $Id: FinderFromClass.java 471661 2006-11-06 08:09:25Z skitching $
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* /opt/cola/permits/1000749902_1651084404.0/0/commons-digester-1-8-sources-jar/org/apache/commons/digester/plugins/strategies/FinderFromClass.java
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/* $Id: XmlLoadException.java 471661 2006-11-06 08:09:25Z skitching $
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/* $Id: Rule.java 471661 2006-11-06 08:09:25Z skitching $
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/* $Id: ParserFeatureSetterFactory.java 476205 2006-11-17 16:43:10Z dennisl $
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/* $Id: SetPropertiesRule.java 471661 2006-11-06 08:09:25Z skitching $
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```
/* $Id: Digester.java 480169 2006-11-28 19:37:36Z rahul $
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/* $Id: DigesterLoadingException.java 476205 2006-11-17 16:43:10Z dennisl $
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/* $Id: RulesBase.java 471661 2006-11-06 08:09:25Z skitching $
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/* $Id: PluginInvalidInputException.java 476205 2006-11-17 16:43:10Z dennisl $
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/* $Id: LoaderFromStream.java 471661 2006-11-06 08:09:25Z skitching $
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* /opt/cola/permits/1000749902_1651084404.0/0/commons-digester-1-8-sources-jar/overview.html
* /opt/cola/permits/1000749902_1651084404.0/0/commons-digester-1-8-sources-jar/org/apache/commons/digester/plugins/strategies/package.html
* /opt/cola/permits/1000749902_1651084404.0/0/commons-digester-1-8-sources-jar/org/apache/commons/digester/xmlrules/package.html
* /opt/cola/permits/1000749902_1651084404.0/0/commons-digester-1-8-sources-jar/org/apache/commons/digester/xmlrules/digester-rules.dtd
* /opt/cola/permits/1000749902_1651084404.0/0/commons-digester-1-8-sources-jar/org/apache/commons/digester/parser/package.html
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/* $Id: PluginAssertionFailure.java 476205 2006-11-17 16:43:10Z dennisl $
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/* $Id: RegexMatcher.java 471661 2006-11-06 08:09:25Z skitching $
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/* $Id: NodeCreateRule.java 472835 2006-11-09 09:59:53Z skitching $
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/* $Id: CallParamRule.java 471661 2006-11-06 08:09:25Z skitching $
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/* $Id: StackAction.java 476205 2006-11-17 16:43:10Z dennisl $
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/* $Id: LoaderSetProperties.java 471661 2006-11-06 08:09:25Z skitching $
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17 20:00:50Z rahul $

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/* $Id: PluginContext.java 476312 2006-11-17 20:59:09Z rahul $
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/* $Id: RuleLoader.java 471661 2006-11-06 08:09:25Z skitching $
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```

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* /opt/cola/permits/1000749902_1651084404.0/0/commons-digester-1-8-sources-jar/org/apache/commons/digester/plugins/strategies/LoaderFromClass.java
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```
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* /opt/cola/permits/1000749902_1651084404.0/0/commons-digester-1-8-sources-

jar/org/apache/commons/digester/plugins/PluginConfigurationException.java
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* /opt/cola/permits/1000749902_1651084404.0/0/commons-digester-1-8-sources-jar/org/apache/commons/digester/RuleSet.java
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Found in path(s):
* /opt/cola/permits/1000749902_1651084404.0/0/commons-digester-1-8-sources-jar/org/apache/commons/digester/parser/GenericParser.java

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```
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Found in path(s):
* /opt/cola/permits/1000749902_1651084404.0/0/commons-digester-1-8-sources-jar/org/apache/commons/digester/RuleSetBase.java
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Found in path(s):
* /opt/cola/permits/1000749902_1651084404.0/0/commons-digester-1-8-sources-jar/org/apache/commons/digester/plugins/strategies/FinderFromFile.java

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1.365 regexp 1.3

1.366 apr 1.6.3

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From strings/apr_fnmatch.c, include/apr_fnmatch.h, misc/unix/getopt.c,
file_io/unix/mktemp.c, strings/apr_strings.c:

```
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From network_io/unix/inet_ntop.c, network_io/unix/inet_pton.c:

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From dso/aix/dso.c:

```
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From strings/apr_strnatcmp.c,
include/apr_strings.h:

```
strnatcmp.c -- Perform 'natural order' comparisons of strings in C.
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strings/apr_snprintf.c:

```
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1.367 backport-util-concurrent 3.1

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* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-
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* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/reflect/MethodDelegate.java
*
 /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/beans/BeanCopier.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/proxy/MethodProxy.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-
jar/net/sf/cglib/core/DebuggingClassWriter.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-
jar/net/sf/cglib/proxy/InvocationHandlerGenerator.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-
jar/net/sf/cglib/proxy/MethodInterceptorGenerator.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/proxy/MixinEmitter.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/beans/BulkBeanEmitter.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-
jar/net/sf/cglib/transform/ClassTransformerChain.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-
jar/net/sf/cglib/transform/ClassFilterTransformer.java
*
 /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/proxy/FixedValueGenerator.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/proxy/NoOpGenerator.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/beans/BeanMapEmitter.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/core/TypeUtils.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/core/KeyFactory.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/core/VisibilityPredicate.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/core/DefaultNamingPolicy.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/reflect/FastClass.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/reflect/FastClassEmitter.java
*
 /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/core/CodeEmitter.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/beans/ImmutableBean.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/proxy/CallbackFilter.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/core/EmitUtils.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/reflect/MulticastDelegate.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/beans/BeanMap.java

* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/proxy/Proxy.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/transform/impl/AddStaticInitTransformer.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/proxy/DispatcherGenerator.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/proxy/CallbackGenerator.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/transform/AbstractClassLoader.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/proxy/Mixin.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/core/AbstractClassGenerator.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/core/MethodWrapper.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/proxy/LazyLoaderGenerator.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/core/ReflectUtils.java
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```

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* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/core/MethodInfo.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/transform/AbstractClassFilterTransformer.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/transform/impl/AbstractInterceptFieldCallback.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/transform/impl/AddInitTransformer.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/proxy/CallbackInfo.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/core/MethodInfoTransformer.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/core/RejectModifierPredicate.java

* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/proxy/MixinEverythingEmitter.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/proxy/InterfaceMaker.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/proxy/CallbackHelper.java
* /opt/cola/permits/1000765526_1651084666.01/0/cglib-2-2-sources-jar/net/sf/cglib/core/ClassInfo.java

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1.370 stax-api 1.0.1

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1.375 jackson 2.8.9

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1.378 eclipse-sisu-plexus 0.3.3

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1.379 guice 4.0

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1.380 eclipse-sisu-inject 0.3.3

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1.381 xpp3-min 1.1.4c

1.382 slf4j 1.7.7

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1.383 mime-pull 1.9.3

1.384 cal10n 0.8.1

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1.385 sisu-guice 2.1.7

1.386 proto-google-common-protos 1.0.0

1.387 poi 3.15

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Bouncy Castle library (bcprov-*.jar, bcpg-*.jar, bcpkix-*.jar)

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JUnit test library (junit-4.*.jar) & JaCoCo (*jacoco*)

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1.390 camel-jms 2.19.5

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1.391 activemq-client 5.15.4

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1.393 camel-spring 2.19.5

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1.399 xmlschema 1.3.2

1.400 activemq-mqtt 5.15.4

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*
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*/
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*
* $Id: LastFunction.java,v 1.10 2006/02/05 21:47:41 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
jar/org/jaxen/function/LastFunction.java
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* $Header$
* $Revision$
* $Date$
*
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*
* Id
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/NodeComparator.java
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/*

```
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/pattern/PatternParser.java,v 1.18 2006/02/05
21:47:42 elharo Exp $
* $Revision: 1.18 $
* $Date: 2006/02/05 21:47:42 $
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* $Id: PatternParser.java,v 1.18 2006/02/05 21:47:42 elharo Exp $
*/
```

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/pattern/PatternParser.java
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/util/StackedIterator.java,v 1.12 2006/02/05 21:47:40 elharo Exp $
* $Revision: 1.12 $
* $Date: 2006/02/05 21:47:40 $
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* $Id: StackedIterator.java,v 1.12 2006/02/05 21:47:40 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/util/StackedIterator.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/AllNodeStep.java,v 1.6 2006/11/08 15:41:05 elharo Exp $
* $Revision: 1.6 $
* $Date: 2006/11/08 15:41:05 $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/AllNodeStep.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/AdditiveExpr.java,v 1.6 2006/11/09 16:21:05 elharo Exp $
* $Revision: 1.6 $
* $Date: 2006/11/09 16:21:05 $
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* $Id: AdditiveExpr.java,v 1.6 2006/11/09 16:21:05 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/AdditiveExpr.java
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/*
$Id: IterableChildAxis.java,v 1.11 2006/06/03 20:50:12 elharo Exp $

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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/VariableReferenceExpr.java,v 1.8 2006/11/08 19:20:29 elharo Exp $
* $Revision: 1.8 $
* $Date: 2006/11/08 19:20:29 $
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/Function.java,v 1.8 2006/02/05 21:47:41 elharo Exp $
* $Revision: 1.8 $
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultLessThanEqualExpr.java,v 1.14 2006/11/30 18:49:26 elharo Exp $
* $Revision: 1.14 $
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/UnsupportedAxisException.java,v 1.11 2006/06/03 20:26:02 elharo Exp $
* $Revision: 1.11 $
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultExpr.java,v 1.14 2006/02/05 21:47:40 elharo Exp $
* $Revision: 1.14 $
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* Jaxen Project, please see <http://www.jaxen.org/>.
*
* $Id: PathExpr.java,v 1.9 2007/05/02 14:26:41 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-

jar/org/jaxen/expr/PathExpr.java
No license file was found, but licenses were detected in source scan.

```
/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/iter/IterablePrecedingSiblingAxis.java,v
1.7 2006/06/03 20:47:22 elharo Exp $
* $Revision: 1.7 $
* $Date: 2006/06/03 20:47:22 $
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```
*
* $Id: IterablePrecedingSiblingAxis.java,v 1.7 2006/06/03 20:47:22 elharo Exp $
*/
```

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/iter/IterablePrecedingSiblingAxis.java
No license file was found, but licenses were detected in source scan.

```
/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/iter/IterableAncestorOrSelfAxis.java,v 1.7 2006/06/03 20:50:12 elharo Exp $
* $Revision: 1.7 $
* $Date: 2006/06/03 20:50:12 $
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*
* $Id: IterableAncestorOrSelfAxis.java,v 1.7 2006/06/03 20:50:12 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/iter/IterableAncestorOrSelfAxis.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/TranslateFunction.java,v 1.10 2006/02/05 21:47:41 elharo Exp $
* $Revision: 1.10 $
* $Date: 2006/02/05 21:47:41 $
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* $Id: TranslateFunction.java,v 1.10 2006/02/05 21:47:41 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/TranslateFunction.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultLogicalExpr.java,v 1.8 2006/02/05 21:47:40 elharo Exp $
* $Revision: 1.8 $
* $Date: 2006/02/05 21:47:40 $
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* $Id: DefaultLogicalExpr.java,v 1.8 2006/02/05 21:47:40 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultLogicalExpr.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultPlusExpr.java,v 1.14 2006/11/30 18:49:26 elharo Exp $
* $Revision: 1.14 $
* $Date: 2006/11/30 18:49:26 $
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* $Id: DefaultPlusExpr.java,v 1.14 2006/11/30 18:49:26 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultPlusExpr.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultGreaterThanEqualExpr.java,v 1.14 2006/11/30 18:49:27 elharo Exp $
* $Revision: 1.14 $
* $Date: 2006/11/30 18:49:27 $
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* $Id: DefaultGreaterThanEqualExpr.java,v 1.14 2006/11/30 18:49:27 elharo Exp $
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Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultGreaterThanEqualExpr.java
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```
/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/util/AncestorAxisIterator.java,v 1.14
2006/11/09 18:20:12 elharo Exp $
* $Revision: 1.14 $
* $Date: 2006/11/09 18:20:12 $
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* $Id: AncestorAxisIterator.java,v 1.14 2006/11/09 18:20:12 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/util/AncestorAxisIterator.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/pattern/NoNodeTest.java,v 1.7 2006/02/05 21:47:42 elharo Exp $

```
* $Revision: 1.7 $
* $Date: 2006/02/05 21:47:42 $
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* $Id: NoNodeTest.java,v 1.7 2006/02/05 21:47:42 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
```

jar/org/jaxen/pattern/NoNodeTest.java
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```
/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/LogicalExpr.java,v 1.6 2006/11/09
16:21:05 elharo Exp $
* $Revision: 1.6 $
* $Date: 2006/11/09 16:21:05 $
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*
* $Id: LogicalExpr.java,v 1.6 2006/11/09 16:21:05 elharo Exp $
*/
```

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/LogicalExpr.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/SimpleVariableContext.java,v 1.19 2006/06/03 20:19:54 elharo Exp $
* $Revision: 1.19 $
* $Date: 2006/06/03 20:19:54 $
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* $Id: SimpleVariableContext.java,v 1.19 2006/06/03 20:19:54 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/SimpleVariableContext.java
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/StringLengthFunction.java,v 1.12 2006/02/05 21:47:41 elharo Exp $
* $Revision: 1.12 $
* $Date: 2006/02/05 21:47:41 $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/StringLengthFunction.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/EqualityExpr.java,v 1.6 2006/11/09 16:21:05 elharo Exp $
* $Revision: 1.6 $
* $Date: 2006/11/09 16:21:05 $
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* $Id: EqualityExpr.java,v 1.6 2006/11/09 16:21:05 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/EqualityExpr.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/ext/LocaleFunctionSupport.java,v 1.10 2006/02/05 21:47:42 elharo Exp $
* $Revision: 1.10 $
* $Date: 2006/02/05 21:47:42 $
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* $Id: LocaleFunctionSupport.java,v 1.10 2006/02/05 21:47:42 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/ext/LocaleFunctionSupport.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/saxpath/base/XPathLexer.java,v 1.17 2006/02/05 21:47:42 elharo Exp $
* $Revision: 1.17 $
* $Date: 2006/02/05 21:47:42 $
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* $Id: XPathLexer.java,v 1.17 2006/02/05 21:47:42 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/saxpath/base/XPathLexer.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/NameFunction.java,v 1.11 2006/02/05 21:47:41 elharo Exp $
* $Revision: 1.11 $
* $Date: 2006/02/05 21:47:41 $
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* $Id: NameFunction.java,v 1.11 2006/02/05 21:47:41 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/NameFunction.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultDivExpr.java,v 1.14 2006/11/30

18:49:27 elharo Exp $
* $Revision: 1.14 $
* $Date: 2006/11/30 18:49:27 $
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* $Id: DefaultDivExpr.java,v 1.14 2006/11/30 18:49:27 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultDivExpr.java
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```
/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/BaseXPath.java,v 1.50 2007/04/16 15:44:37 elharo Exp $
* $Revision: 1.50 $
* $Date: 2007/04/16 15:44:37 $
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*
* $Id: BaseXPath.java,v 1.50 2007/04/16 15:44:37 elharo Exp $
*/
```

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/BaseXPath.java
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```
/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/Predicate.java,v 1.14 2007/05/02 14:27:46 elharo Exp $
* $Revision: 1.14 $
* $Date: 2007/05/02 14:27:46 $
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* $Id: Predicate.java,v 1.14 2007/05/02 14:27:46 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/Predicate.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/util/FollowingAxisIterator.java,v 1.8 2006/11/09 18:20:12 elharo Exp $
* $Revision: 1.8 $
* $Date: 2006/11/09 18:20:12 $
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* $Id: FollowingAxisIterator.java,v 1.8 2006/11/09 18:20:12 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/util/FollowingAxisIterator.java
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/pattern/TextNodeTest.java,v 1.6 2006/02/05 21:47:42 elharo Exp $
* $Revision: 1.6 $
* $Date: 2006/02/05 21:47:42 $
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* $Id: TextNodeTest.java,v 1.6 2006/02/05 21:47:42 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/pattern/TextNodeTest.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/iter/IterableAncestorAxis.java,v 1.7 2006/06/03 20:50:12 elharo Exp $
* $Revision: 1.7 $
* $Date: 2006/06/03 20:50:12 $
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* $Id: IterableAncestorAxis.java,v 1.7 2006/06/03 20:50:12 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/iter/IterableAncestorAxis.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/FunctionCallException.java,v 1.13 2006/07/16 11:07:25 elharo Exp $
* $Revision: 1.13 $
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/saxpath/base/TokenTypes.java,v 1.12 2006/02/05 21:47:42 elharo Exp $
* $Revision: 1.12 $
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*
* $Id: TokenTypes.java,v 1.12 2006/02/05 21:47:42 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/saxpath/base/TokenTypes.java
No license file was found, but licenses were detected in source scan.

/*

```
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/NumberExpr.java,v 1.8 2006/11/08
17:17:32 elharo Exp $
* $Revision: 1.8 $
* $Date: 2006/11/08 17:17:32 $
*
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* $Id: NumberExpr.java,v 1.8 2006/11/08 17:17:32 elharo Exp $
*/
```

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/NumberExpr.java
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```
/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/dom/DOMXPath.java,v 1.10 2006/06/03 20:44:16 elharo Exp $
* $Revision: 1.10 $
* $Date: 2006/06/03 20:44:16 $
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* $Id: DOMXPath.java,v 1.10 2006/06/03 20:44:16 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/dom/DOMXPath.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/iter/IterableNamespaceAxis.java,v 1.7 2006/06/03 20:47:22 elharo Exp $
* $Revision: 1.7 $
* $Date: 2006/06/03 20:47:22 $
*
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* $Id: IterableNamespaceAxis.java,v 1.7 2006/06/03 20:47:22 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/iter/IterableNamespaceAxis.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/Navigator.java,v 1.30 2006/06/03 20:07:19 elharo Exp $
* $Revision: 1.30 $
* $Date: 2006/06/03 20:07:19 $
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* $Id: Navigator.java,v 1.30 2006/06/03 20:07:19 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/Navigator.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/SubstringFunction.java,v 1.16 2006/02/05 21:47:41 elharo Exp $
* $Revision: 1.16 $
* $Date: 2006/02/05 21:47:41 $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/SubstringFunction.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultGreaterThanExpr.java,v 1.14 2006/11/30 18:49:27 elharo Exp $
* $Revision: 1.14 $
* $Date: 2006/11/30 18:49:27 $
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* $Id: DefaultGreaterThanExpr.java,v 1.14 2006/11/30 18:49:27 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultGreaterThanExpr.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/FunctionContext.java,v 1.10 2006/02/05 21:47:41 elharo Exp $
* $Revision: 1.10 $
* $Date: 2006/02/05 21:47:41 $
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultAdditiveExpr.java,v 1.9 2006/02/05 21:47:40 elharo Exp $
* $Revision: 1.9 $
* $Date: 2006/02/05 21:47:40 $

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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/ext/LowerFunction.java,v 1.11
2006/02/05 21:47:42 elharo Exp $
* $Revision: 1.11 $
* $Date: 2006/02/05 21:47:42 $
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* $Id: LowerFunction.java,v 1.11 2006/02/05 21:47:42 elharo Exp $
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/*
$Id: ContextSupport.java,v 1.13 2006/06/03 20:06:06 elharo Exp $

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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/SubstringAfterFunction.java,v 1.11
2006/02/05 21:47:41 elharo Exp $
* $Revision: 1.11 $
* $Date: 2006/02/05 21:47:41 $
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* $Id: SubstringAfterFunction.java,v 1.11 2006/02/05 21:47:41 elharo Exp $
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/saxpath/base/Token.java,v 1.5 2006/02/05 21:47:42 elharo Exp $
* $Revision: 1.5 $
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* $Id: Token.java,v 1.5 2006/02/05 21:47:42 elharo Exp $
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Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/saxpath/base/Token.java
No license file was found, but licenses were detected in source scan.

/*
$Id: NamedAccessNavigator.java,v 1.4 2006/02/05 21:47:41 elharo Exp $

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/NamedAccessNavigator.java
No license file was found, but licenses were detected in source scan.

```
/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/FloorFunction.java,v 1.11 2006/02/05 21:47:41 elharo Exp $
* $Revision: 1.11 $
* $Date: 2006/02/05 21:47:41 $
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* $Id: FloorFunction.java,v 1.11 2006/02/05 21:47:41 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/FloorFunction.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultMinusExpr.java,v 1.14 2006/11/30 18:49:26 elharo Exp $
* $Revision: 1.14 $
* $Date: 2006/11/30 18:49:26 $
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* $Id: DefaultMinusExpr.java,v 1.14 2006/11/30 18:49:26 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultMinusExpr.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/saxpath/Axis.java,v 1.8 2006/03/30 13:56:36 elharo Exp $
* $Revision: 1.8 $
* $Date: 2006/03/30 13:56:36 $
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* $Id: Axis.java,v 1.8 2006/03/30 13:56:36 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/saxpath/Axis.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/pattern/LocationPathPattern.java,v 1.15 2006/02/05 21:47:42 elharo Exp $
* $Revision: 1.15 $
* $Date: 2006/02/05 21:47:42 $
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* $Id: LocationPathPattern.java,v 1.15 2006/02/05 21:47:42 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/pattern/LocationPathPattern.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/saxpath/XPathReader.java,v 1.6 2006/02/05 21:47:42 elharo Exp $
* $Revision: 1.6 $
* $Date: 2006/02/05 21:47:42 $
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* $Id: XPathReader.java,v 1.6 2006/02/05 21:47:42 elharo Exp $
*/
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Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/saxpath/XPathReader.java
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```
/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/util/SingletonList.java,v 1.4 2006/11/09 16:39:19 elharo Exp $
* $Revision: 1.4 $
* $Date: 2006/11/09 16:39:19 $
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* $Id: SingletonList.java,v 1.4 2006/11/09 16:39:19 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/util/SingletonList.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/RelationalExpr.java,v 1.6 2006/11/09 16:21:05 elharo Exp $

```
* $Revision: 1.6 $
* $Date: 2006/11/09 16:21:05 $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
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jar/org/jaxen/expr/RelationalExpr.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/StartsWithFunction.java,v 1.11
2006/02/05 21:47:41 elharo Exp $
* $Revision: 1.11 $
* $Date: 2006/02/05 21:47:41 $
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*
* $Id: StartsWithFunction.java,v 1.11 2006/02/05 21:47:41 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/StartsWithFunction.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/pattern/PatternHandler.java,v 1.8 2006/02/05 21:47:42 elharo Exp $
* $Revision: 1.8 $
* $Date: 2006/02/05 21:47:42 $
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* $Id: PatternHandler.java,v 1.8 2006/02/05 21:47:42 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/pattern/PatternHandler.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/saxpath/base/XPathReader.java,v 1.32 2006/04/07 23:47:37 elharo Exp $
* $Revision: 1.32 $
* $Date: 2006/04/07 23:47:37 $
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* $Id: XPathReader.java,v 1.32 2006/04/07 23:47:37 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/saxpath/base/XPathReader.java
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/Context.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/LocationPath.java,v 1.9 2006/11/08 17:02:21 elharo Exp $
* $Revision: 1.9 $
* $Date: 2006/11/08 17:02:21 $
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* $Id: LocationPath.java,v 1.9 2006/11/08 17:02:21 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/LocationPath.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/pattern/NamespaceTest.java,v 1.6 2006/02/05 21:47:42 elharo Exp $
* $Revision: 1.6 $
* $Date: 2006/02/05 21:47:42 $
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* $Id: NamespaceTest.java,v 1.6 2006/02/05 21:47:42 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/pattern/NamespaceTest.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/ext/UpperFunction.java,v 1.11 2006/02/05 21:47:42 elharo Exp $
* $Revision: 1.11 $
* $Date: 2006/02/05 21:47:42 $
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* $Id: UpperFunction.java,v 1.11 2006/02/05 21:47:42 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/ext/UpperFunction.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/iter/IterableDescendantOrSelfAxis.java,v 1.7 2006/06/03 20:47:22 elharo Exp $
* $Revision: 1.7 $
* $Date: 2006/06/03 20:47:22 $
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* $Id: IterableDescendantOrSelfAxis.java,v 1.7 2006/06/03 20:47:22 elharo Exp $
*/
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Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/iter/IterableDescendantOrSelfAxis.java
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```
/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/PredicateSet.java,v 1.23 2006/11/13 22:38:17 elharo Exp $
* $Revision: 1.23 $
* $Date: 2006/11/13 22:38:17 $
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* $Id: PredicateSet.java,v 1.23 2006/11/13 22:38:17 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/PredicateSet.java
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```
/*
$Id: IterableAttributeAxis.java,v 1.9 2006/06/03 20:50:12 elharo Exp $
```

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/*
$Id: DefaultNameStep.java,v 1.53 2007/04/17 01:26:35 bewins Exp $

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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/NameStep.java,v 1.5 2006/11/08 17:10:02 elharo Exp $
* $Revision: 1.5 $
* $Date: 2006/11/08 17:10:02 $
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* $Id: NameStep.java,v 1.5 2006/11/08 17:10:02 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/NameStep.java
No license file was found, but licenses were detected in source scan.

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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/NotFunction.java,v 1.9 2006/02/05 21:47:41 elharo Exp $
* $Revision: 1.9 $
* $Date: 2006/02/05 21:47:41 $
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* $Id: NotFunction.java,v 1.9 2006/02/05 21:47:41 elharo Exp $
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/saxpath/helpers/XPathReaderFactory.java,v 1.9 2006/09/15 20:41:38 elharo Exp $
* $Revision: 1.9 $
* $Date: 2006/09/15 20:41:38 $
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* $Id: XPathReaderFactory.java,v 1.9 2006/09/15 20:41:38 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/saxpath/helpers/XPathReaderFactory.java
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultArithExpr.java,v 1.10 2006/02/05
21:47:40 elharo Exp $
* $Revision: 1.10 $
* $Date: 2006/02/05 21:47:40 $
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* $Id: DefaultArithExpr.java,v 1.10 2006/02/05 21:47:40 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultArithExpr.java
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/util/LinkedIterator.java,v 1.8 2006/11/09 18:20:12 elharo Exp $
* $Revision: 1.8 $
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*
* $Id: LinkedIterator.java,v 1.8 2006/11/09 18:20:12 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/util/LinkedIterator.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/LocalNameFunction.java,v 1.14 2006/02/05 21:47:41 elharo Exp $
* $Revision: 1.14 $
* $Date: 2006/02/05 21:47:41 $
*
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* $Id: LocalNameFunction.java,v 1.14 2006/02/05 21:47:41 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/LocalNameFunction.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/saxpath/Operator.java,v 1.5 2006/02/05 21:47:42 elharo Exp $
* $Revision: 1.5 $
* $Date: 2006/02/05 21:47:42 $
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* $Id: Operator.java,v 1.5 2006/02/05 21:47:42 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/saxpath/Operator.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/UnresolvableException.java,v 1.7 2006/06/03 20:21:05 elharo Exp $
* $Revision: 1.7 $
* $Date: 2006/06/03 20:21:05 $
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* $Id: UnresolvableException.java,v 1.7 2006/06/03 20:21:05 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/UnresolvableException.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/FunctionCallExpr.java,v 1.9 2006/11/08 16:37:59 elharo Exp $
* $Revision: 1.9 $
* $Date: 2006/11/08 16:37:59 $
*
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* $Id: FunctionCallExpr.java,v 1.9 2006/11/08 16:37:59 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/FunctionCallExpr.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/iter/IterablePrecedingAxis.java,v 1.7 2006/06/03 20:47:22 elharo Exp $
* $Revision: 1.7 $
* $Date: 2006/06/03 20:47:22 $
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* $Id: IterablePrecedingAxis.java,v 1.7 2006/06/03 20:47:22 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/iter/IterablePrecedingAxis.java
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/CommentNodeStep.java,v 1.6 2006/11/08 15:42:39 elharo Exp $
* $Revision: 1.6 $
* $Date: 2006/11/08 15:42:39 $
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* $Id: CommentNodeStep.java,v 1.6 2006/11/08 15:42:39 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/CommentNodeStep.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/saxpath/SAXPathException.java,v 1.14 2006/06/03 20:28:45 elharo Exp $
* $Revision: 1.14 $
* $Date: 2006/06/03 20:28:45 $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/saxpath/SAXPathException.java
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```
/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/LangFunction.java,v 1.13 2006/02/05
21:47:41 elharo Exp $
* $Revision: 1.13 $
* $Date: 2006/02/05 21:47:41 $
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* $Header:
/home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultProcessingInstructionNodeStep.java,v 1.18
2007/01/06 12:21:12 elharo Exp $
* $Revision: 1.18 $
* $Date: 2007/01/06 12:21:12 $
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/JaxenHandler.java,v 1.15 2006/03/30 13:53:11
elharo Exp $
* $Revision: 1.15 $
* $Date: 2006/03/30 13:53:11 $
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*
* $Id: JavaBeanXPath.java,v 1.6 2006/06/03 20:36:00 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/javabean/JavaBeanXPath.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/util/SingleObjectIterator.java,v 1.8 2006/11/09 18:20:12 elharo Exp $
* $Revision: 1.8 $
* $Date: 2006/11/09 18:20:12 $
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* $Id: SingleObjectIterator.java,v 1.8 2006/11/09 18:20:12 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/util/SingleObjectIterator.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/CeilingFunction.java,v 1.11 2006/02/05 21:47:41 elharo Exp $
* $Revision: 1.11 $
* $Date: 2006/02/05 21:47:41 $
*
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* $Id: CeilingFunction.java,v 1.11 2006/02/05 21:47:41 elharo Exp $
*/
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Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/CeilingFunction.java
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```
/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/pattern/NameTest.java,v 1.7 2006/02/05
21:47:42 elharo Exp $
* $Revision: 1.7 $
* $Date: 2006/02/05 21:47:42 $
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* $Id: NameTest.java,v 1.7 2006/02/05 21:47:42 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/pattern/NameTest.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultFunctionCallExpr.java,v 1.17 2006/11/30 18:49:27 elharo Exp $
* $Revision: 1.17 $

* $Date: 2006/11/30 18:49:27 $
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* $Id: DefaultFunctionCallExpr.java,v 1.17 2006/11/30 18:49:27 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-

jar/org/jaxen/expr/DefaultFunctionCallExpr.java
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```
/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultMultiplyExpr.java,v 1.14
2006/11/30 18:49:27 elharo Exp $
* $Revision: 1.14 $
* $Date: 2006/11/30 18:49:27 $
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* $Id: DefaultMultiplyExpr.java,v 1.14 2006/11/30 18:49:27 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultMultiplyExpr.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/NormalizeSpaceFunction.java,v 1.17 2006/02/05 21:47:41 elharo Exp $
* $Revision: 1.17 $
* $Date: 2006/02/05 21:47:41 $
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* $Id: NormalizeSpaceFunction.java,v 1.17 2006/02/05 21:47:41 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/NormalizeSpaceFunction.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/saxpath/XPathHandler.java,v 1.9 2006/02/05 21:47:42 elharo Exp $
* $Revision: 1.9 $
* $Date: 2006/02/05 21:47:42 $
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* $Id: XPathHandler.java,v 1.9 2006/02/05 21:47:42 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/saxpath/XPathHandler.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/BinaryExpr.java,v 1.8 2006/11/09 16:21:04 elharo Exp $
* $Revision: 1.8 $
* $Date: 2006/11/09 16:21:04 $
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*/

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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/ext/EndsWithFunction.java,v 1.7 2006/02/05 21:47:42 elharo Exp $
* $Revision: 1.7 $
* $Date: 2006/02/05 21:47:42 $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/ext/EndsWithFunction.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/SimpleFunctionContext.java,v 1.14 2006/02/05 21:47:41 elharo Exp $
* $Revision: 1.14 $
* $Date: 2006/02/05 21:47:41 $
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* $Id: SimpleFunctionContext.java,v 1.14 2006/02/05 21:47:41 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/SimpleFunctionContext.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/PositionFunction.java,v 1.11 2006/02/05 21:47:41 elharo Exp $
* $Revision: 1.11 $
* $Date: 2006/02/05 21:47:41 $
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* $Id: PositionFunction.java,v 1.11 2006/02/05 21:47:41 elharo Exp $
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/*

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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/dom/NamespaceNode.java,v 1.25 2006/07/03
11:14:05 elharo Exp $
* $Revision: 1.25 $
* $Date: 2006/07/03 11:14:05 $
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*
* $Id: NamespaceNode.java,v 1.25 2006/07/03 11:14:05 elharo Exp $
*/
```

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/dom/NamespaceNode.java
No license file was found, but licenses were detected in source scan.

```
/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/Predicated.java,v 1.9 2006/11/08 18:07:25 elharo Exp $
* $Revision: 1.9 $
* $Date: 2006/11/08 18:07:25 $
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* $Id: Predicated.java,v 1.9 2006/11/08 18:07:25 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/Predicated.java
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/Expr.java,v 1.14 2006/11/30 18:49:26 elharo Exp $
* $Revision: 1.14 $
* $Date: 2006/11/30 18:49:26 $
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* $Id: Expr.java,v 1.14 2006/11/30 18:49:26 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/Expr.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/DefaultNavigator.java,v 1.19 2006/02/05 21:47:41 elharo Exp $
* $Revision: 1.19 $
* $Date: 2006/02/05 21:47:41 $
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* $Id: DefaultNavigator.java,v 1.19 2006/02/05 21:47:41 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/DefaultNavigator.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultNotEqualsExpr.java,v 1.14 2006/11/30 18:49:27 elharo Exp $
* $Revision: 1.14 $
* $Date: 2006/11/30 18:49:27 $
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* $Id: DefaultNotEqualsExpr.java,v 1.14 2006/11/30 18:49:27 elharo Exp $
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Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultNotEqualsExpr.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultLiteralExpr.java,v 1.13 2007/01/03 20:47:42 elharo Exp $
* $Revision: 1.13 $
* $Date: 2007/01/03 20:47:42 $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultLiteralExpr.java
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/*
$Id: IterableAxis.java,v 1.9 2006/02/05 21:47:42 elharo Exp $

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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/iter/IterableParentAxis.java,v 1.7 2006/06/03 20:47:22 elharo Exp $
* $Revision: 1.7 $
* $Date: 2006/06/03 20:47:22 $
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* $Id: IterableParentAxis.java,v 1.7 2006/06/03 20:47:22 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/iter/IterableParentAxis.java
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultCommentNodeStep.java,v 1.14 2006/11/30 18:49:27 elharo Exp $
* $Revision: 1.14 $
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultPredicate.java,v 1.13 2006/11/30 18:49:27 elharo Exp $
* $Revision: 1.13 $
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/pattern/Pattern.java,v 1.13 2006/04/07 17:11:52 elharo Exp $
* $Revision: 1.13 $

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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/pattern/AnyChildNodeTest.java,v 1.6
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* $Revision: 1.6 $
* $Date: 2006/02/05 21:47:42 $
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* $Id: AnyChildNodeTest.java,v 1.6 2006/02/05 21:47:42 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/pattern/AnyChildNodeTest.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/MultiplicativeExpr.java,v 1.6 2006/11/09 16:21:05 elharo Exp $
* $Revision: 1.6 $
* $Date: 2006/11/09 16:21:05 $
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* $Id: MultiplicativeExpr.java,v 1.6 2006/11/09 16:21:05 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/MultiplicativeExpr.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultOrExpr.java,v 1.17 2006/11/30 18:49:26 elharo Exp $
* $Revision: 1.17 $
* $Date: 2006/11/30 18:49:26 $
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* $Id: DefaultOrExpr.java,v 1.17 2006/11/30 18:49:26 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultOrExpr.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultNumberExpr.java,v 1.13 2006/11/30 18:49:26 elharo Exp $
* $Revision: 1.13 $
* $Date: 2006/11/30 18:49:26 $
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* $Id: DefaultNumberExpr.java,v 1.13 2006/11/30 18:49:26 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultNumberExpr.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultAllNodeStep.java,v 1.14 2006/11/30 18:49:27 elharo Exp $
* $Revision: 1.14 $
* $Date: 2006/11/30 18:49:27 $
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* $Id: DefaultAllNodeStep.java,v 1.14 2006/11/30 18:49:27 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultAllNodeStep.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/TextNodeStep.java,v 1.6 2006/11/08 18:52:02 elharo Exp $
* $Revision: 1.6 $
* $Date: 2006/11/08 18:52:02 $
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* $Id: TextNodeStep.java,v 1.6 2006/11/08 18:52:02 elharo Exp $
*/
```

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/TextNodeStep.java
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```
/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/VariableContext.java,v 1.11 2006/07/03 11:58:31 elharo Exp $
* $Revision: 1.11 $
* $Date: 2006/07/03 11:58:31 $
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* $Id: VariableContext.java,v 1.11 2006/07/03 11:58:31 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/VariableContext.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/iter/IterableSelfAxis.java,v 1.7 2006/06/03 20:47:22 elharo Exp $

```
* $Revision: 1.7 $
* $Date: 2006/06/03 20:47:22 $
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* $Id: IterableSelfAxis.java,v 1.7 2006/06/03 20:47:22 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
```

jar/org/jaxen/expr/iter/IterableSelfAxis.java
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```
/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/TrueFunction.java,v 1.9 2006/02/05
21:47:41 elharo Exp $
* $Revision: 1.9 $
* $Date: 2006/02/05 21:47:41 $
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*
* $Id: TrueFunction.java,v 1.9 2006/02/05 21:47:41 elharo Exp $
*/
```

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/TrueFunction.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/UnionExpr.java,v 1.7 2006/11/08 15:57:20 elharo Exp $
* $Revision: 1.7 $
* $Date: 2006/11/08 15:57:20 $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/UnionExpr.java
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/*
$Id: DocumentNavigator.java,v 1.8 2006/06/03 20:35:31 elharo Exp $

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```
/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/xslt/DocumentFunction.java,v 1.6 2006/02/05 21:47:42 elharo Exp $
* $Revision: 1.6 $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/xslt/DocumentFunction.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/XPathExpr.java,v 1.9 2007/05/02 15:04:46
elharo Exp $
* $Revision: 1.9 $
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* $Id: XPathExpr.java,v 1.9 2007/05/02 15:04:46 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/XPathExpr.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/NumberFunction.java,v 1.18 2006/02/05 21:47:41 elharo Exp $
* $Revision: 1.18 $
* $Date: 2006/02/05 21:47:41 $
*
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* $Id: NumberFunction.java,v 1.18 2006/02/05 21:47:41 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/NumberFunction.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/StringFunction.java,v 1.33 2006/02/05 21:47:41 elharo Exp $
* $Revision: 1.33 $
* $Date: 2006/02/05 21:47:41 $
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*
* $Id: StringFunction.java,v 1.33 2006/02/05 21:47:41 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/StringFunction.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/saxpath/XPathSyntaxException.java,v 1.10 2006/06/03 20:29:30 elharo Exp $
* $Revision: 1.10 $
* $Date: 2006/06/03 20:29:30 $
*
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* $Id: XPathSyntaxException.java,v 1.10 2006/06/03 20:29:30 elharo Exp $
*/
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Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/saxpath/XPathSyntaxException.java
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```
/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultUnionExpr.java,v 1.17 2006/11/30 18:49:27 elharo Exp $
* $Revision: 1.17 $
* $Date: 2006/11/30 18:49:27 $
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* $Id: DefaultUnionExpr.java,v 1.17 2006/11/30 18:49:27 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultUnionExpr.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultBinaryExpr.java,v 1.10 2007/01/05 18:25:43 elharo Exp $

```
* $Revision: 1.10 $
* $Date: 2007/01/05 18:25:43 $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
```

jar/org/jaxen/expr/DefaultBinaryExpr.java
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```
/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/XPathFunctionContext.java,v 1.29 2006/11/08
13:59:38 elharo Exp $
* $Revision: 1.29 $
* $Date: 2006/11/08 13:59:38 $
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*
* $Id: XPathFunctionContext.java,v 1.29 2006/11/08 13:59:38 elharo Exp $
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Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/XPathFunctionContext.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/util/PrecedingSiblingAxisIterator.java,v 1.16 2006/11/13 22:10:09 elharo Exp $
* $Revision: 1.16 $
* $Date: 2006/11/13 22:10:09 $
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* $Id: PrecedingSiblingAxisIterator.java,v 1.16 2006/11/13 22:10:09 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/util/PrecedingSiblingAxisIterator.java
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/ConcatFunction.java,v 1.9 2006/02/05 21:47:41 elharo Exp $
* $Revision: 1.9 $
* $Date: 2006/02/05 21:47:41 $
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* $Id: ConcatFunction.java,v 1.9 2006/02/05 21:47:41 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/ConcatFunction.java
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/UnaryExpr.java,v 1.7 2006/11/08 19:06:30 elharo Exp $
* $Revision: 1.7 $
* $Date: 2006/11/08 19:06:30 $
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* $Id: UnaryExpr.java,v 1.7 2006/11/08 19:06:30 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/UnaryExpr.java
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultAndExpr.java,v 1.16 2006/11/30 18:49:27 elharo Exp $
* $Revision: 1.16 $
* $Date: 2006/11/30 18:49:27 $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultAndExpr.java
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/SumFunction.java,v 1.11 2006/02/05 21:47:41 elharo Exp $
* $Revision: 1.11 $
* $Date: 2006/02/05 21:47:41 $
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* $Id: SumFunction.java,v 1.11 2006/02/05 21:47:41 elharo Exp $
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*
* $Id: $
*/
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Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/JaxenRuntimeException.java
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/JaxenConstants.java
No license file was found, but licenses were detected in source scan.

/*

```
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/RoundFunction.java,v 1.12 2006/02/05
21:47:41 elharo Exp $
* $Revision: 1.12 $
* $Date: 2006/02/05 21:47:41 $
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* $Id: RoundFunction.java,v 1.12 2006/02/05 21:47:41 elharo Exp $
*/
```

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/RoundFunction.java
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```
/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/saxpath/helpers/DefaultXPathHandler.java,v 1.7 2006/02/05 21:47:42 elharo Exp $
* $Revision: 1.7 $
* $Date: 2006/02/05 21:47:42 $
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*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/saxpath/helpers/DefaultXPathHandler.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultLocationPath.java,v 1.29 2006/02/05 21:47:40 elharo Exp $
* $Revision: 1.29 $
* $Date: 2006/02/05 21:47:40 $
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* $Id: DefaultLocationPath.java,v 1.29 2006/02/05 21:47:40 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultLocationPath.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultPathExpr.java,v 1.16 2006/11/30 18:49:26 elharo Exp $
* $Revision: 1.16 $
* $Date: 2006/11/30 18:49:26 $
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* $Id: DefaultPathExpr.java,v 1.16 2006/11/30 18:49:26 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultPathExpr.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/ext/EvaluateFunction.java,v 1.10 2006/02/05 21:47:42 elharo Exp $
* $Revision: 1.10 $
* $Date: 2006/02/05 21:47:42 $
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* $Id: EvaluateFunction.java,v 1.10 2006/02/05 21:47:42 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/ext/EvaluateFunction.java
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/ContainsFunction.java,v 1.10 2006/02/05 21:47:41 elharo Exp $
* $Revision: 1.10 $
* $Date: 2006/02/05 21:47:41 $
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* $Id: ContainsFunction.java,v 1.10 2006/02/05 21:47:41 elharo Exp $
*/
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/ContainsFunction.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultTruthExpr.java,v 1.10 2006/02/05 21:47:40 elharo Exp $
* $Revision: 1.10 $
* $Date: 2006/02/05 21:47:40 $
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* $Id: DefaultTruthExpr.java,v 1.10 2006/02/05 21:47:40 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultTruthExpr.java
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultFilterExpr.java,v 1.19 2006/11/30 18:49:26 elharo Exp $
* $Revision: 1.19 $

```
* $Date: 2006/11/30 18:49:26 $
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* $Id: DefaultFilterExpr.java,v 1.19 2006/11/30 18:49:26 elharo Exp $
*/
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultStep.java,v 1.21 2006/02/05
21:47:40 elharo Exp $
* $Revision: 1.21 $
* $Date: 2006/02/05 21:47:40 $
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/*
$Id: XPath.java,v 1.13 2007/05/02 15:00:13 elharo Exp $

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```
/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/util/SelfAxisIterator.java,v 1.10 2007/05/02
14:33:29 elharo Exp $
* $Revision: 1.10 $
* $Date: 2007/05/02 14:33:29 $
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* $Id: SelfAxisIterator.java,v 1.10 2007/05/02 14:33:29 elharo Exp $
*/
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/util/SelfAxisIterator.java
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```
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultLessThanExpr.java,v 1.15
2006/11/30 18:49:27 elharo Exp $
* $Revision: 1.15 $
* $Date: 2006/11/30 18:49:27 $
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*
* $Id: DefaultLessThanExpr.java,v 1.15 2006/11/30 18:49:27 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultLessThanExpr.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/pattern/UnionPattern.java,v 1.8 2006/02/05 21:47:42 elharo Exp $
* $Revision: 1.8 $
* $Date: 2006/02/05 21:47:42 $
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* $Id: UnionPattern.java,v 1.8 2006/02/05 21:47:42 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/pattern/UnionPattern.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/BooleanFunction.java,v 1.17 2006/02/05 21:47:41 elharo Exp $
* $Revision: 1.17 $
* $Date: 2006/02/05 21:47:41 $
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* $Id: BooleanFunction.java,v 1.17 2006/02/05 21:47:41 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/BooleanFunction.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/dom/DocumentNavigator.java,v 1.57 2007/05/05 18:08:55 elharo Exp $
* $Revision: 1.57 $
* $Date: 2007/05/05 18:08:55 $
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* $Id: DocumentNavigator.java,v 1.57 2007/05/05 18:08:55 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/dom/DocumentNavigator.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/SimpleNamespaceContext.java,v 1.18 2006/06/03 20:19:26 elharo Exp $
* $Revision: 1.18 $
* $Date: 2006/06/03 20:19:26 $
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* $Id: SimpleNamespaceContext.java,v 1.18 2006/06/03 20:19:26 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/SimpleNamespaceContext.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultXPathExpr.java,v 1.9 2006/06/03 20:52:26 elharo Exp $
* $Revision: 1.9 $
* $Date: 2006/06/03 20:52:26 $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultXPathExpr.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/pattern/NodeTypeTest.java,v 1.8 2006/02/05 21:47:42 elharo Exp $
* $Revision: 1.8 $
* $Date: 2006/02/05 21:47:42 $

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* $Id: NodeTypeTest.java,v 1.8 2006/02/05 21:47:42 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
jar/org/jaxen/pattern/NodeTypeTest.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/JaxenException.java,v 1.17 2006/06/03
20:27:21 elharo Exp $
* $Revision: 1.17 $
* $Date: 2006/06/03 20:27:21 $
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* $Id: JaxenException.java,v 1.17 2006/06/03 20:27:21 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/JaxenException.java
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultRelationalExpr.java,v 1.14 2006/02/05 21:47:40 elharo Exp $
* $Revision: 1.14 $
* $Date: 2006/02/05 21:47:40 $
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/util/PrecedingAxisIterator.java,v 1.11 2006/11/13 22:10:09 elharo Exp $
* $Revision: 1.11 $
* $Date: 2006/11/13 22:10:09 $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/util/PrecedingAxisIterator.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/NamespaceUriFunction.java,v 1.13 2006/02/05 21:47:41 elharo Exp $
* $Revision: 1.13 $
* $Date: 2006/02/05 21:47:41 $
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/iter/IterableFollowingSiblingAxis.java,v 1.7 2006/06/03 20:47:22 elharo Exp $
* $Revision: 1.7 $
* $Date: 2006/06/03 20:47:22 $
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*
* $Id: IterableFollowingSiblingAxis.java,v 1.7 2006/06/03 20:47:22 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/iter/IterableFollowingSiblingAxis.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultXPathFactory.java,v 1.17 2006/11/09 16:07:36 elharo Exp $
* $Revision: 1.17 $
* $Date: 2006/11/09 16:07:36 $
*
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* $Id: DefaultXPathFactory.java,v 1.17 2006/11/09 16:07:36 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultXPathFactory.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultUnaryExpr.java,v 1.16 2006/11/30 18:49:27 elharo Exp $
* $Revision: 1.16 $
* $Date: 2006/11/30 18:49:27 $
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* $Id: DefaultUnaryExpr.java,v 1.16 2006/11/30 18:49:27 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultUnaryExpr.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/ProcessingInstructionNodeStep.java,v 1.5

2006/11/08 15:44:33 elharo Exp $
* $Revision: 1.5 $
* $Date: 2006/11/08 15:44:33 $
*
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*
* $Id: ProcessingInstructionNodeStep.java,v 1.5 2006/11/08 15:44:33 elharo Exp $
*/

Found in path(s):

* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/ProcessingInstructionNodeStep.java
No license file was found, but licenses were detected in source scan.

```
/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultAbsoluteLocationPath.java,v 1.18 2006/11/30 18:49:27 elharo Exp $
* $Revision: 1.18 $
* $Date: 2006/11/30 18:49:27 $
*
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* $Id: DefaultAbsoluteLocationPath.java,v 1.18 2006/11/30 18:49:27 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultAbsoluteLocationPath.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/SubstringBeforeFunction.java,v 1.10 2006/02/05 21:47:41 elharo Exp $
* $Revision: 1.10 $
* $Date: 2006/02/05 21:47:41 $
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* $Id: SubstringBeforeFunction.java,v 1.10 2006/02/05 21:47:41 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/SubstringBeforeFunction.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/LiteralExpr.java,v 1.9 2006/11/08 16:47:30 elharo Exp $
* $Revision: 1.9 $
* $Date: 2006/11/08 16:47:30 $
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* $Id: LiteralExpr.java,v 1.9 2006/11/08 16:47:30 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/LiteralExpr.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/iter/IterableDescendantAxis.java,v 1.7 2006/06/03 20:47:22 elharo Exp $
* $Revision: 1.7 $
* $Date: 2006/06/03 20:47:22 $
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* $Id: IterableDescendantAxis.java,v 1.7 2006/06/03 20:47:22 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/iter/IterableDescendantAxis.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/util/AncestorOrSelfAxisIterator.java,v 1.14 2006/11/09 18:20:12 elharo Exp $
* $Revision: 1.14 $
* $Date: 2006/11/09 18:20:12 $
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* $Id: AncestorOrSelfAxisIterator.java,v 1.14 2006/11/09 18:20:12 elharo Exp $
*/
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/util/AncestorOrSelfAxisIterator.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/QualifiedName.java,v 1.12 2006/06/01 13:19:30 elharo Exp $
* $Revision: 1.12 $
* $Date: 2006/06/01 13:19:30 $
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* $Id: QualifiedName.java,v 1.12 2006/06/01 13:19:30 elharo Exp $
*/
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/QualifiedName.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/iter/IterableFollowingAxis.java,v 1.7
2006/06/03 20:47:22 elharo Exp $
* $Revision: 1.7 $
* $Date: 2006/06/03 20:47:22 $
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* $Id: IterableFollowingAxis.java,v 1.7 2006/06/03 20:47:22 elharo Exp $
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Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/iter/IterableFollowingAxis.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/util/DescendantAxisIterator.java,v 1.13
2006/11/09 18:20:11 elharo Exp $
* $Revision: 1.13 $
* $Date: 2006/11/09 18:20:11 $
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* $Id: DescendantAxisIterator.java,v 1.13 2006/11/09 18:20:11 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/util/DescendantAxisIterator.java
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/FilterExpr.java,v 1.10 2006/11/08 16:28:04 elharo Exp $
* $Revision: 1.10 $
* $Date: 2006/11/08 16:28:04 $
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* $Id: FilterExpr.java,v 1.10 2006/11/08 16:28:04 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/FilterExpr.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultRelativeLocationPath.java,v 1.13 2006/11/30 18:49:27 elharo Exp $
* $Revision: 1.13 $
* $Date: 2006/11/30 18:49:27 $
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* $Id: DefaultRelativeLocationPath.java,v 1.13 2006/11/30 18:49:27 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultRelativeLocationPath.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/CountFunction.java,v 1.14 2006/02/05 21:47:41 elharo Exp $
* $Revision: 1.14 $
* $Date: 2006/02/05 21:47:41 $
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* $Id: CountFunction.java,v 1.14 2006/02/05 21:47:41 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/CountFunction.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/XPathFactory.java,v 1.13 2007/05/02 14:32:38 elharo Exp $
* $Revision: 1.13 $
* $Date: 2007/05/02 14:32:38 $
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* $Id: XPathFactory.java,v 1.13 2007/05/02 14:32:38 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/XPathFactory.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/Step.java,v 1.13 2006/12/10 15:32:14 elharo Exp $
* $Revision: 1.13 $
* $Date: 2006/12/10 15:32:14 $
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* $Id: Step.java,v 1.13 2006/12/10 15:32:14 elharo Exp $
*/
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Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/Step.java
No license file was found, but licenses were detected in source scan.

```
/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/util/DescendantOrSelfAxisIterator.java,v 1.11 2006/11/09 18:20:12 elharo Exp $
* $Revision: 1.11 $
* $Date: 2006/11/09 18:20:12 $
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* $Id: DescendantOrSelfAxisIterator.java,v 1.11 2006/11/09 18:20:12 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/util/DescendantOrSelfAxisIterator.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultModExpr.java,v 1.15 2006/11/30 18:49:26 elharo Exp $

```
* $Revision: 1.15 $
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* $Id: DefaultModExpr.java,v 1.15 2006/11/30 18:49:26 elharo Exp $
*/
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultModExpr.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/pattern/NodeTest.java,v 1.6 2006/02/05 21:47:42 elharo Exp $
* $Revision: 1.6 $
* $Date: 2006/02/05 21:47:42 $
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* $Id: NodeTest.java,v 1.6 2006/02/05 21:47:42 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/pattern/NodeTest.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/saxpath/SAXPathEventSource.java,v 1.5 2006/02/05 21:47:42 elharo Exp $
* $Revision: 1.5 $
* $Date: 2006/02/05 21:47:42 $
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* $Id: SAXPathEventSource.java,v 1.5 2006/02/05 21:47:42 elharo Exp $
*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/saxpath/SAXPathEventSource.java
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultMultiplicativeExpr.java,v 1.9 2006/02/05 21:47:40 elharo Exp $
* $Revision: 1.9 $
* $Date: 2006/02/05 21:47:40 $
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* $Id: DefaultMultiplicativeExpr.java,v 1.9 2006/02/05 21:47:40 elharo Exp $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultMultiplicativeExpr.java
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/util/FollowingSiblingAxisIterator.java,v 1.11 2006/11/09 18:20:12 elharo Exp $
* $Revision: 1.11 $
* $Date: 2006/11/09 18:20:12 $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/util/FollowingSiblingAxisIterator.java
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/IdFunction.java,v 1.13 2006/02/05 21:47:41 elharo Exp $
* $Revision: 1.13 $
* $Date: 2006/02/05 21:47:41 $
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*
* $Id: IdFunction.java,v 1.13 2006/02/05 21:47:41 elharo Exp $
*/
```

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/IdFunction.java
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```
/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultTextNodeStep.java,v 1.14
2006/11/30 18:49:27 elharo Exp $
* $Revision: 1.14 $
* $Date: 2006/11/30 18:49:27 $
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*/

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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultTextNodeStep.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/pattern/AnyNodeTest.java,v 1.8 2006/02/05 21:47:42 elharo Exp $
* $Revision: 1.8 $
* $Date: 2006/02/05 21:47:42 $
*
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* $Id: AnyNodeTest.java,v 1.8 2006/02/05 21:47:42 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/pattern/AnyNodeTest.java
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/*

```
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/FalseFunction.java,v 1.11 2006/02/05
21:47:41 elharo Exp $
* $Revision: 1.11 $
* $Date: 2006/02/05 21:47:41 $
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* $Id: FalseFunction.java,v 1.11 2006/02/05 21:47:41 elharo Exp $
*/
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Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/FalseFunction.java
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```
/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/NamespaceContext.java,v 1.10 2006/07/03 11:58:06 elharo Exp $
* $Revision: 1.10 $
* $Date: 2006/07/03 11:58:06 $
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* $Id: NamespaceContext.java,v 1.10 2006/07/03 11:58:06 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/NamespaceContext.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/XPathSyntaxException.java,v 1.12 2006/06/03 20:26:36 elharo Exp $
* $Revision: 1.12 $
* $Date: 2006/06/03 20:26:36 $
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Found in path(s):
* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/XPathSyntaxException.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultEqualityExpr.java,v 1.14 2006/02/05 21:47:40 elharo Exp $
* $Revision: 1.14 $
* $Date: 2006/02/05 21:47:40 $
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* $Id: DefaultEqualityExpr.java,v 1.14 2006/02/05 21:47:40 elharo Exp $
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/DefaultVariableReferenceExpr.java,v 1.16 2006/11/30 18:49:26 elharo Exp $
* $Revision: 1.16 $
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* /opt/cola/permits/1001068705_1607110532.46/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/saxpath/base/Verifier.java

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1.409 snowball-stemmer 1.3.0.581.1

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1.410 jackson-coreutils 1.6

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1.411 lcms 2.9

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communication cannot be imperceptibly altered by a man in the middle attack), and 'auth-conf' (for confidentiality protection for communication, which encrypts the communication so that it cannot be deciphered by a third-party observer). If no value is specified, then a default of 'auth' will be assumed. If any of multiple qualities of protection will be considered acceptable then the permissible QoP values may be separated by commas and listed in order from most desirable to least desirable. INFO_SASL_DIGEST_MD5_OPTION_QOP("The quality of protection that should be used for any communication that occurs after the authentication has completed. Allowed values are 'auth' (for just authentication with no communication protection), 'auth-int' (for integrity protection for communication, which does not encrypt but ensures that the communication cannot be imperceptibly altered by a man in the middle attack), and 'auth-conf' (for confidentiality protection for communication, which encrypts
the communication so that it cannot be deciphered by a third-party observer). If no value is specified, then a default of 'auth' will be assumed. If any of multiple qualities of protection will be considered acceptable then the permissible QoP values may be separated by commas and listed in order from most desirable to least desirable."), The quality of protection that should be used for any communication that occurs after the authentication has completed. Allowed values are 'auth' (for just authentication with no communication protection), 'auth-int' (for integrity protection for communication, which does not encrypt but ensures that the communication cannot be imperceptibly altered by a man in the middle attack), and 'auth-conf' (for confidentiality protection for communication, which encrypts the communication so that it cannot be deciphered by a third-party observer). If no value is specified, then a default of 'auth' will be assumed. If any of multiple qualities of protection
will be considered acceptable then the permissible QoP values may be separated by commas and listed in order from most desirable to least desirable. INFO_SASL_GSSAPI_OPTION_QOP("The quality of protection that should be used for any communication that occurs after the authentication has completed. Allowed values are 'auth' (for just authentication with no communication protection), 'auth-int' (for integrity protection for communication, which does not encrypt but ensures that the communication cannot be imperceptibly altered by a man in the middle attack), and 'auth-conf' (for confidentiality protection for communication, which encrypts the communication so that it cannot be deciphered by a third-party observer). If no value is specified, then a default of 'auth' will be assumed. If

any of multiple qualities of protection will be considered acceptable then the permissible QoP values may be separated by commas and listed in order from most desirable to least desirable.'),'

1.414 jakarta-regexp 1.4

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1.415 pam 1.1.8-3.6ubuntu2

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Patch for Ubuntu bug #399071

Display the contents of /etc/legal as part of the MOTD, the first time the
user logs in, and set a flag in the user's homedir if possible to prevent
repeat displays.

Authors: Dustin Kirkland <kirkland@canonical.com>

Upstream status: Ubuntu-specific, maybe submit to Debian

Index: pam.ubuntu/modules/pam_motd/pam_motd.c
==========
--- pam.ubuntu.orig/modules/pam_motd/pam_motd.c
+++ pam.ubuntu/modules/pam_motd/pam_motd.c
@@ -73,6 +73,61 @@
 close(fd);
}

+int display_legal(pam_handle_t *pamh)
+{
+ int retval = PAM_IGNORE, rc;
+ char *user = NULL;

```
+    char *dir = NULL;
+    char *flag = NULL;
+    struct passwd *pwd = NULL;
+    struct stat s;
+    int f;
+    /* Get the user name to determine if we need to print the disclaimer */
+    rc = pam_get_item(pamh, PAM_USER, &user);
+    if (rc == PAM_SUCCESS && user != NULL && *(const char *)user != '\0')
+    {
+       PAM_MODUTIL_DEF_PRIVS(privs);
+
+
      /* Get the password entry */
+       pwd = pam_modutil_getpwnam (pamh, user);
+       if (pwd != NULL)
+       {
+          if (pam_modutil_drop_priv(pamh, &privs, pwd)) {
+             pam_syslog(pamh, LOG_ERR,
+                        "Unable to change UID to %d temporarily\n",
+                        pwd->pw_uid);
+             retval = PAM_SESSION_ERR;
+             goto finished;
+          }
+
+          if (asprintf(&dir, "%s/.cache", pwd->pw_dir) == -1 || !dir)
+             goto finished;
+          if (asprintf(&flag, "%s/motd.legal-displayed", dir) == -1 || !flag)
+             goto finished;
+
+          if (stat(flag, &s) != 0)
+          {
+             display_file(pamh, "/etc/legal");
+             mkdir(dir, 0700);
+             f = open(flag, O_WRONLY|O_CREAT|O_EXCL,
+                      S_IRUSR|S_IWUSR|S_IRGRP|S_IROTH);
+             if (f>=0) close(f);
+          }
+
+finished:
+          if (pam_modutil_regain_priv(pamh,
 &privs)) {
+             pam_syslog(pamh, LOG_ERR,
+                        "Unable to change UID back to %d\n", privs.old_uid);
+             retval = PAM_SESSION_ERR;
+          }
+
+          _pam_drop(flag);
+          _pam_drop(dir);
```

```
+        }
+    }
+    return retval;
+}
+
PAM_EXTERN
int pam_sm_open_session(pam_handle_t *pamh, int flags,
   int argc, const char **argv)
@@ -116,6 +171,9 @@
    /* Display the updated motd */
    display_file(pamh, motd_path);

+    /* Display the legal disclaimer only if necessary */
+    retval = display_legal(pamh);
+
    return retval;
}
```

This package was debianized by J.H.M. Dassen (Ray) jdassen@debian.org on
Wed, 23 Sep 1998 20:29:32 +0200.

It was downloaded from ftp://ftp.kernel.org/pub/linux/libs/pam/pre/

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1.416 util-linux 2.31.1-0.4ubuntu3.2

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1.423 tar 1.30

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1.429 rxjava 1.1.0

1.430 eclipse-core-variables 3.2.400.v20100505

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1.431 oro 2.0.8.v200903061218

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1.433 jibx 1.2.1

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1.437 unboundid-ldap-sdk 3.2.1

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1.439 eclipse-equinox-util 1.0.500

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1.441 libidn 1.33-2.2ubuntu2

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1.444 pwauth 2.3.11-0.2

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1.446 python-requests 2.22.0

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1.447 swagger 1.5.15

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1.448 xerces-j 2.7.1

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1.449 curl 7.58.0-2ubuntu3.3

1.449.1 Available under license :

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==========

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1.450 activemq-pool 5.15.4

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1.451 libassuan 2.5.1-2

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* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/constraints/Past.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/constraints/Max.java
*
 /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/constraints/Pattern.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/ConstraintValidator.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/ValidationProviderResolver.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/metadata/Scope.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/metadata/PropertyDescriptor.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/metadata/ElementDescriptor.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/constraints/NotNull.java
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*
/opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/executable/ExecutableType.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/metadata/ReturnValueDescriptor.java
* /opt/cola/permits/1005661449_1651084993.5/0/validation-api-1-1-0-final-sources-jar/javax/validation/executable/ExecutableValidator.java
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1.471 protobuf-java 3.9.1

1.472 open-ldap 2.4.45+dfsg-1ubuntu1.4

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tools/shhopt.c, tools/shhopt.h:

Title: shhopt - library for parsing command line options.
Version: 1.1.2
Entered-date: 23MAR97
Description: C-functions for parsing command line options, both
        traditional one-character options, and GNU'ish
        --long-options.
Keywords: programming, library, lib, commandline, options
Author: s.h.huseby@usit.uio.no (Sverre H. Huseby)
Primary-site: http://www.ifi.uio.no/~sverrehu/pub-unix/
Alternate-site: sunsite.unc.edu /pub/Linux/libs
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Platforms: Requires ANSI C-compiler.

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1.480 grep 3.1-2build1

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1.489 libxau 1.0.9-0ubuntu1

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1.491 linux-atm 2.5.1-4

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Linus Torvalds

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Version 2, June 1991

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Certificate: AAABhW+Ow8B7/zEbxOMqqKwwrdpP+a1COmJGHco7sCNLjHkHnajPF+dQW
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/KmvMnPcfTUNYOj6HT1483QqnhPOWFsBfC77ggTTr2uQmWq3MzTQfAKPFy3LHNEKtZUPnG
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+54Zk7l5CyZg60Qjh28vSoIKJbpiBksQ8o8ZOaAfsJZyOjeK8H06fBCUVOZFGsf3uZ8gW4
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1.499 httpcomponents-client 4.5.6

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1.500 bouncy-castle 1.61

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 - detection and fixing of 3 incorrect semi-weak keys in the DES key generation support classes.
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Jarek Gawor <gawor@mcs.anl.gov> - fixing ASN.1 sequence unpacking in BasicConstraints
constructor.
Brett Neumeier <random@rnd.cx> - patch to OriginatorIdentifierOrKey object, improvements to
encoders package, introduction of UrlBase64.

Graham Coles <graham.coles@retail-logic.com> - patch to isParityAdjusted in DESKeySpec.
Jörn von Kattchée <J.Kattchee@seeburger.de> - patch to SMIMEGenerator for preventing class cast exceptions with BodyParts containing Multipart objects.
Matteo Artuso <matartuso@libero.it> - picking up the possible overead in ASN1InputStream.
Julian Morrison <julian@extropy.demon.co.uk> - spotting the slow down
in
Diffie-Hellman key generation.
Elmar Sonnenschein <eso@esomail.de> - fix to long conversion in clean room SecureRandom.
Jörn Schwarze <JSchwarze@ulc.de> - Locale fix for the clean room JCE.
Bryan Lovquist <bkl@cps.com.au> - Other provider compatibility fixes for CMS signing.
Artem Portnoy <Artem_Portnoy@ibi.com> - generalisations for CMSProcessableBodyPart in S/MIME. Header fix for mime messages.
Michael Häusler <haeusler&#064ponton-consulting.de> - missing OID update for SHA1 with RSA Signature.
Johan Seland <johans&#064netfonds.no> - general toString for BigInteger class.
Johannes Nicolai <johannes.nicolai&#064novosec.com> - further enhancements to OCSP response generation, fix to CertificateID issuer.
Marc Doberva <marc.doberva&#064ilex-si.com> - help in isolating the JSSE/BC RSA key issue.
Jan Dvorak <jan.dvorak&#064mathan.cz>
- initial implementation of the light weight Null block cipher.
Joe Cohen <jcohen&#064forumsys.com> - converting the ArrayOutOfBoundsException in DERInputStream into what it should have been.
Chris Long<aclong&#064ece.cmu.edu> - adding public key decoding to PEMReader.
Hes Siemelink<hes&#064izecom.com> - findIssuer fix for CertPathBuilder, toMimeMessage converter for Mail API, getSize() fix for zero length messages in SMIMEMessage.
Stefan Puiu<stefanpuiuro&#064yahoo.com> - initial implementation V3 policy mapping, policy qualifier objects in ASN.1 X.509 package.
Kaiser Yang <kaiseryang@yahoo.com> - Finding BigInteger loop problem in prime generation.
Jiri Urbanec <jiri.urbanec&#064logicacmg.com> - patch to fix defect in DERBMPString.equals().
Justin Kolb <jkolb&#064pristx.com> - patch to DSA signature generation in OpenPGP. Fix for the unexpected "Unexpected end of ZLIB
input stream" exception.
Ralf Hauser <ralfhauser&#064gmx.ch> - patch to exception handling in PublicKeyRing, PEMReader, 1.4 build script, X509 Certificate Factory, CertPathValidatorUtilities, fromAddress null check in SignedMailValidator, ReadOnceInputStream testing utility in MIME tests.
Michal Dvorak <M_Dvorak&#064kb.cz> - getNextUpdate patch for OCSP SingleResp.
Klaus Greve Fiorentini <Klaus&#064cpqd.com.br> - array fix in PGP PublickKeyEncSessionPacket.
Olivier Refalo <Olivier_Refalo&#064fpl.com> - null pointer exception fix for JDK 1.3 CMSSignedData objects.
Mariusz Bandola <mariusz.bandola&#064cryptotech.com.pl> - patch to DERGeneralizedTime. Compliance patch for OCSP TBSRequest class. Patch to X509Name for delaing with general objects in sequences.
Brien Oberstein <brien.oberstein&#064transacttools.net> - patch to S2K algorithm in OpenPGP, initial PGP version 3 secret key support, initial
PGP version 3 signature generation, RIPEMD160 addition to PGPUtil.
Ian Haywood <ian&#064haywood.bpa.nu> - addition of getSignatureType to PGPSignature.
Jonathan Edwards <s34gull&#064mac.com> - initial support for reading multiple rings from a PGP key

file.
Andrew Thornton <andrew&#064caret.cam.ac.uk> - patch for RSA PUBLIC KEY in PEMReader.
Gregor Leander <gl&#064bos-bremen.de> - initial parsing of multiple sequence entries in an X.500 Name.
Antoon Bosselaers <Antoon.Bosselaers&#064esat.kuleuven.ac.be> - help with RipeMD320 implementation.
Peter Sylvester <Peter.Sylvester&#064edelweb.fr> - improvements to the ASN.1 BasicConstraints object.
Doug <ummmmm&#064myrealbox.com> - addition of isEncryptionKey method to OpenPGP public keys.
Francois Staes <fstaes&#064netconsult.be> - improvements to DEBitString, DERGeneralizedTime and initial implimentation of DERGeneralString,
addition of settable signed object info to CMSSignedDataGenerator, patch to DH key agreement.
W.R. Dittmer <wdittmer&#064cs.vu.nl> - patch to decoding of SignatureCreationTime in BCPG. Patch to PGPKeyPair to fix nullpointer exception.
Perez Paz Luis Alberto <laperez&#064banxico.org.mx> - patch to use of BitString in X.500 name.
James Wright <James_Wright&#064harte-hanks.com> - patches for dealing with "odd" ArmoredInputStreams.
Jim Ford <jim&#064muirford.com> - patch to PGPSecretKey to avoid null pointer exception on encoding secret keys, comments on KeyExpirationTime, getBitStrength for ElGamal keys. Signature creation time patch for newly created v4 signatures.
Michael Hausler <haeusler&#064ponton-consulting.de> - extra aliases for provider.
Sai Pullabhotla <psai&#064linoma.com> - fix to PGP compressed data generator to improve compression levels. Performance improvements for KeyBasedLargeFileProcessor.
Joseph
Miller <joseph&#064digiweb.net.nz> - addition of ZeroBytePadding.
Lars <xyz&#064sagemdenmark.dk> - patch to explicit padded mode for CBC block cipher MAC.
Jeroen van Vianen <jeroen&#064vanvianen.nl> - the Signed and Encrypted mail example.
Jun Sun <JSun&#064diversinet.com> - patch to SecureRandom to work around problem in wtk 1.0.4 and wtk 2.1.
Petr Dukem <pdukem&#064email.cz> - patch to CMSSignedDataGenerator to allow it to work with PKCS11 providers.
Filipe Silva <filipe.silva&#064wedoconsulting.com> - patch to fix overead issue in BCPGInputStream.
Alpesh Parmar <alps&#064linuxmail.org> - patch for class cast problem in PGPPublicKey.getSignatures().
Jay Gengelbach <jgengelbach&#064webmethods.com> - patch to fix isSigningKey in PGPSecretKey class, patch to hashedPackets in PGP signatureGenerator, initial cut for indefinite length output.
Doug
<doug&#064tigerprivacy.com> - public key ring patches for ElGamal Signatures, problem key ring data.
Matthew Mundy <mmundy1&#064umbc.edu> - infinite loop prevention patch to PKCS5S2ParametersGenerator.
Tom Cargill <cargill&#064profcon.com> - spelling patch in provider.
Breitenstrom Christian <C.Breitenstrom&#064t-systems.com> - compatibility patch to SignaturePacket, DetachedSignatureProcessor.
Zanotti Mirko <zanotti&#064cad.it> - patch to ordered equality test for X509Name.
Nicola Scendoni <nscendoni&#064babelps.it> - patch to add sorting to CertPath validation.
Ville Skyttä <ville.skytta&#064iki.fi> - patch to CRLDistPoint for cRLIssuer field. KeyStore

compliance on add patches. DiffieHellman patch for provider compliance. Support for PEM object "TRUSTED CERTIFICATE". Exception handling patch in PEMReader. JavaDoc clean up.
Bruce Gordon <bruce.gordon&#064savvis.net>
 - patch to secret key creation encoding NullPointerException in OpenPGP, speed up for BCPGInputStream.
Miles Whiteley <Miles.Whiteley&#064savvis.net> - "223" fix for BCPGInputStream new packets.
Albert Moliner <amoliner&#064evintia.com> - initial TSP implementation.
Carlos Lozano <carlos&#064evintia.com> - initial TSP implementation, patch to SignerInformation for supporting repeated signers, initial updates for supporting repeated attributes in CMS.
Javier Delgadillo <javi&#064javi.codewarp.org> - initial Mozilla PublicKeyAndChallenge classes.
Joni Hahkala <joni.hahkala&#064cern.ch> - initial implementations of VOMS Attribute Certificate Validation, IetfAttrSyntax, and ObjectDigestInfo. We also wish to thank the EGEE project for making the work available.
Rolf Schillinger<rolf&#064sir-wum.de> - initial implementation of Attribute Certificate generation.
Sergey
 Bahtin <Sergey_Bahtin&#064yahoo.com> - fix for recovering certificate aliases in BKS and UBER key stores. Initial implementations of GOST-28147, GOST-3410, EC GOST-3410, GOST OFB mode (GOFB) and GOST-3411.
Franck Leroy <Franck.Leroy&#064keynectis.com> - ANS.1 set sorting. Contributions to TSP implementation. Test vectors for Bleichenbacher's forgery attack.
Atsuhiko Yamanaka <ymnk&#064jcraft.com> - patch for improving use of Montgomery numbers in BigInteger library. Patch to use size of private exponent in DH parameters.
Nickolay Bolshackov <tyrex&#064reksoft.ru> - patch for class cast exception in AuthorityInformationAccess class.
Soren Hilmer <soren.hilmer&#064tietoenator.com> - patches for CertID with issuerSerial set in TSP implementation, additional compliance testing.
Steve Mitchell <mitchell&#064intertrust.com> - patch for stateful path validator fix. Patch to allow BigInteger class to create
 negative numbers from byte arrays. Additions to allow different providers to be used for asymmetric/symmetric encryption in OpenPGP.
Optimisation to avoid redundant verification in path validator. Suggestion to use PKIXParameters.getSigProvider() correctly.
Dirk Eisner <D.Eisner&#064seeburger.de> - initial implementation of ISO 78164-4 padding.
Julien Pasquier <julienpasquier&#064free.fr> - initial implementation of attribute classes from RFC 3126. Fix to KEKIdentifier, OtherKeyAttribute parsing. Initial ContentHints class.
Matteo <matartuso&#064libero.it> - sequence patch to ASN1Dump.
Andrew Paterson <andrew.paterson&#064burnsecs.com> - patches to PGP tools, isRevoked method on PGPPublicKey.
Vladimir Molotkov <vladimir.n.molotkov&#064intel.com> - extensive provider exception handling compliance testing.
Florin Kollan <adlocflo&#064web.de> - fix to ElGamalKeyParameters equality testing.
Pavel
 Vassiliev <paulvas&#064gmail.com> - Initial GOST28147Mac implementation.
Tom Pesman <tom&#064tnux.net> - addition of DES-EDE encryption for RSAPrivate keys to PEMWriter.
Lukasz Kowalczyk <lukasz.b.kowalczyk&#064gmail.com> - patch to fix parsing issue with OpenSSL PEM based certificate requests.
Arndt Hasch <Arndt.Hasch&#064maxence.de> - additional fix for partial reading with new style PGP packets.

Fix Bernd (KCDP 11) <bernd.fix&#064credit-suisse.com> - fix for 31 byte issue and exception throwing by Whirlpool.
David M. Lee <dmlee&#064Crossroads.com> - code for add and remove secret key in the PGPSecretKeyRing class. Additions to S/MIME and CMS unit tests.
Mike Dillon <md5&#064embody.org> - additional checks for PGP secret and public key construction, patches to copyWithNewPassword.
tu-vi cung <t2cung&#064hotmail.com> - patch for out of bounds problem in getDecoderStream method.
Chris Schultz <cschultz&#064gmail.com> - fix for InputStream constructor for X509V2AttributeCertificate.
David M. Lee <dmlee&#064Crossroads.com> - implementation assistance with streaming CMS classes.
Joel Rees <rees&#064ddcom.co.jp> - fix to correct getOID methods from returning same set on X.509 attribute certificates.
Francesc Sau <francesc.sau&#064partners.netfocus.es> - micro fix for tsp Accuracy class.
Larry Bugbee <bugbee&#064mac.com> - initial ECNR implementation.
Remi Blancher <Remi.Blancher&#064keynectis.com> - Contributions to TSP implementation. Initial implementation of RFC 3739 and ICAO ASN.1 classes.
Brian O'Rourke <brianorourke&#064gmail.com> - patch for signature creation time override in OpenPGP.
Andreas Schwier <andreas.schwier&#064cardcontact.de> - initial implementation of ISO9797 MAC Algorithm 3, addition of DES-EDE 64 MAC to the provider,
fix to EC point encoding, addition of EC and RSA-PSS OIDs to CMS, addition of AES-CMAC and DESede-CMAC to JCE provider.
David Josse <david.josse&#064transacttools.net> - Patch for trailer function in version 2 signature packets.
Kishimoto Kazuhiko <kazu-k&#064hi-ho.ne.jp> - RFC 3280 updates to policy processing in the CertPath validator. Additional test data not covered by NIST.
Lawrence Tan <lwrnctan&#064gmail.com&gt - Large field OID sample test data. Missing key types in JDKKeyFactory.
Carlos Valiente <superdupont&#064gmail.com> - Addition of CRL writing to the PEMWriter class.
Keyon AG, Martin Christinat, http://www.keyon.ch - fixing incorrect ASN.1 encoding of field elements in X9FieldElement class.
Olaf Keller, <olaf.keller.bc&#064bluewin.ch> - initial implementation of the elliptic curves over binary fields F2m. Additional tests and modifications to elliptic
curve support for both F2m and Fp. Performance improvements to F2m multiplication. Initial implementation of WNAF/WTNAF point multiplication. Improvement to k value generation in ECDSA.
Jörg Eichhorn <eichhorn&#064ponton-consulting.de> - patch to fix EOF read on SharedFileInputStream, support for F2m compression.
Karsten Ohme <widerstand&#064t-online.de> - initial check against for out of range data on non byte aligned RSA keys. Addition of equals/hashCode on ECCurve.Fp. Additional curve type support for Fp, contributions to F2m compression. F2m decoding for ECPointUtil. Infinity fix and prime192v2 fix for Fp. Extra validation for RSA key creation. Fix to name typos for some OpenSSL key generators. RFC-1779 table, improved RFC 2253 compliance for X509Name. Additional constructor validation for X.509/ESS ASN.1 classes. Validation for Printable, IA5, and Numeric Strings.
Support for surrogate pairs in DERUTF8String, DER UTF8 test. Additional X.509 name
attributes for ISIS-MTT, RFC 3039, addition of indirect CRL support, initial X509 LDAP CertStore implementation, CertificatePair class, and X509CertificatePair class. Contributions to X509Store/Parser

infrastructure and design.
CertPath support for implicit DSA parameters and a range of NameConstraints. Addition of support for V1 attribute certificates and attribute certificate path validation. Initial classes for ASN.1 ISIS-MTT support. Enhancements for improving compliance with the NIST CertPath tests.
Carlos Lozano Ruiz <carlos&#064tradise.com> - patch for <ctrl><m> only handling in CRLFOutputStream.
John Alfred Prufrock <j.a.prufrock&#064gmail.com> - mods to GOST-3411 and MD2 to support ExtendedDigest.
Stefan Neusatz Guilhen <sneusatz&#064gmail.com> - initial version of RoleSyntax, improvements to AttributeCertificateHolder and AttributeCertificateIssuer.
Marzio Lo Giudice <marzio.logiudice&#064gmail.com> - fix
to endianess in KDF2BytesGenerator, additional KDF2 tests.
Georg Lippold <georg.lippold&#064gmx.de> - initial implementation of NaccacheStern cipher.
Chris Viles <chris_viles&#064yahoo.com> - fix to SignatureSubpacket critical bit setting.
Pasi Eronen <Pasi.Eronen&#064nokia.com> - extra toString() support for ASN.1 library. Initial patch for large OID components.
Lijun Liao <https://github.com/xipki> performance enhancements for SHA family of digests. Bug report and patch for blank line handling in ArmoredInputStream. Addition of getSignatureAlgorithmID to BasicOCSPResp. Reset fix for SM2 signatures, performance improvements for SHA-3. Clean up of CMP EncryptedValueBuilder, additional functionality on PollReqContent. Bug fix for endianness issue in cSHAKE left encode method.
Maria Ivanova <maria.ivanova&#064gmail.com> - support for tags > 30 in ASN.1 parsing.
Armin Häberling <arminha&#064student.ethz.ch>
- first cut of internationalisation, initial PKIX validation classes.
Marius Schilder <mschilder&#064google.com> - main set of test vectors for Bleichenbacher's forgery attack.
Xavier Le Vourch <xavier&#064brittanysoftware.com> - general code clean ups.
Erik Tews <e_tews&#064cdc.informatik.tu-darmstadt.de> - initial threaded random seed generator, constant-time PKCS#1.5 decoding
Thomas Dixon <reikomusha&#064gmail.com> - initial implementations of TEA/XTEA, Salsa20, ISAAC, and Noekeon. XTEA enhancements.
Frank Cornelis <info&#064frankcornelis.be>- addition of crlAccessMethod in X509ObjectIdentifiers.
Rui Joaquim <rjoaquim&#064cc.isel.ipl.pt> - initial implementation of RSA blinding for signatures.
David Stacey <DStacey&#064allantgroup.com> - addition of trust packet checking on revocation signatures in PGPSecretKeyRing.
Martijn Brinkers <list&#064mitm.nl>
- better exception handling in CMS enveloping, "just in time" modifications for CRL and Sequence evaluation.
Julius Davies <juliusdavies&#064gmail.com> - additional modes and algorithm support in PEMReader
Matthias <g&#064rtner.de> - GnuPG compatibility changes for PBEFileProcessor.
Olga Käthler <olga.kaethler&#064hjp-consulting.com> - initial implementation of TeleTrusT EC curves, additional ISO 9797 MACs, contributions to EAC OIDs, addition of EAC algorithms to CMS Signing.
Germano Rizzo <germano.rizzo&#064gmail.com> - initial implementation of CMac, EAX, HC-128, and HC-256, optimisations for Salsa20.
Núria Marí <numaa&#064hotmail.com> - patch for alternate data type recoginition in CMSSignedDataParser.
Janis Schuller <js&#064tzi.de> - addition of NotationData packets for OpenPGP.

Michael Samblanet <mike&#064samblanet.com> - patches towards improved Sun/default provider support in CMS.
Mike StJohns <mstjohns&#064comcast.net> - patches for supporting empty subject in X.509 certificate generation, noneWithECDSA, updates to KeyPurposeId.
Ramon Keller <ramon.keller&#064gmx.ch> - patch to deal with null revocations return from other CRL in X509V2CRLGenerator.
Mark Nelson <mark&#064nbr.com> - correction to excluded DN in name constraints processing for PKIX processing.
Eugene Golushkov <eugene_gff&#064ukr.net> - mask fix to single byte read in TlsInputStream.
Julien Pasquier <julienpasquier&#064free.fr> - additional classes for supporting signature policy and signer certificates in the ASN.1 esf and ess libraries.
Peter Knopp <pknopp&#064mtg.de> - fix for named curve recognition in ECGOST key generation.
Jakub Gwozdz <gwozdziu&#064rpg.pl> - addition of getTsa() to TimeStampTokenInfo.
Bartosz Malkowski <bmalkow&#064tigase.org> - initial implementation of VMPC cipher, VMPCRandomGenerator, VMPCMac.
Tal Yacobi <tal.yacobi&#064octavian-tech.com> - fix for issue in OpenPGP examples [#BJA-55].
Massimiliano Ziccardi <massimiliano.ziccardi&#064gmail.comt> - support for counter signature reading in CMS API, update for multiple counter signature attributes.
Andrey Pavlenko <andrey.a.pavlenko&#064gmail.com> - security manager patch for PKCS1Encoding property check.
J Ross Nicoll <jrn&#064jrn.me.uk> - improved exception handling for getInstance() in ASN.1 library.
Matthew Stevenson <mavricknz&#064yahoo.com> - patch to construtor for CRMF CertSequence.
Gabriele Contini <gcontini&#064hotpop.com> - identified a bug in ASN.1 library with handling of unterminated NDEF's.
Roelof Naude <roelof.naude&#064epiuse.com> - patch for TLS client to send empty client certs in response to HP_CERTIFICATE_REQUEST.
Patrick Peck <peck&#064signaturen.at> - identified problem with DERApplicationSpecific and high tag numbers in ASN.1 library.
Michael LeMay <lemaymd&#064lemaymd.com> - identified problem with EAX [#BJA-93].
Alex Dupre <ale&#064FreeBSD.org> - fix to use of Signature rather than SignatureSpi in provider [#BJA-90]. Addition of null provider use to SignedPublicKeyAndChallenge and PKCS10CertificationRequest [#BJA-102]
Michael Schoene <michael&#064sigrid-und-michael.de> - fix of improper handling of null in ExtendedPKIXParameters.setTrustedACIssuers(), check for V2 signingCertificate attribute in TimeStampResponse.validate().
Ion Larrañaga <ilarra&#064s21sec.com> fix to default partial packet generation in BCPGOutputStream.
Bob Kerns <bob.kerns&#064positscience.com> fix to hashCode for X509CertificateObject.
Stefan Meyer <stefan.meyer&#064ewe.de> backport for PKIXCertPathValidotor and SMIMESignedMailReviewer.
Robert J. Moore <Robert.J.Moore&#064allanbank.com> speedups for OpenPGPCFB mode, clean room JCE patches.
Rui Hodai <rui&#064po.ntts.co.jp> speed ups for Camellia implementation, CamelliaLightEngine.
Emir Bucalovic <emir.bucalovic&#064mail.com> initial implementation of Grain-v1 and Grain-128.
Torbjorn Svensson <tobbe79&#064gmail.com> initial implementation of Grain-v1 and Grain-128.

Paul FitzPatrick <bouncycastle_pfitz&#064fitzpatrick.cc> error message fix to X509LDAPCertStoreSpi, comparison fix to BCStrictStyle.
Henrik Andersson <k.henrik.andersson&#064gmail.com> addition of UniqueIssuerID to certificate generation.
Cagdas Cirit <cagdascirit&#064gmail.com> subjectAlternativeName fix for x509CertStoreSelector.
Harakiri <harakiri_23&#064yahoo.com> datahandler patch for attached parts in SMIME signatures.
Pedro Henriques <pmahenriques&#064gmail.com>
explicit bounds checking for DESKeyGenerator, code simplification for OAEPEncoding.
Lothar Kimmeringer <job&#064kimmeringer.de> verbose mode for ASN1Dump, support for DERExternal.
Richard Farr <rfarr.se&#064gmail.com> initial SRP-6a implementation.
Thomas Castiglione <castiglione&#064au.ibm.com> patch to encoding for CRMF OptionalValidity.
Elisabetta Romani <eromani&#064sogei.it> patch for recognising multiple counter signatures.
Robin Lundgren <r737lundgren&#064gmail.com> CMPCertificate constructor from X509CertificateStructure fix.
Petr Kadlec <mormegil&#064centrum.cz> fix to sign extension key and IV problem in HC-128, HC-256.
Andreas Antener <antener_a&#064gmx.ch> fix to buffer reset in AsymmetricBufferedBlockCipher.
Harendra Rawat <hsrawat&#064yahoo.com> fix for BERConstructedOctetString.
Rolf Lindemann <lindemann&#064trustcenter.de> patch for PKCS12
key store to support more flexible attribute specifications [#BMA-42].
Alex Artamonov <alexart.home&#064gmail.com> name look up patch for GOST-2001 parameters.
Mike Lyons <mlyons&#064layer7tech.com> work arounds for EC JDK bug 6738532 and JSSE EC naming conventions.
Chris Cole <chris_h_cole&#064yahoo.com> identified a problem handling null passwords when loading a BKS keystore.
Tomas Krivanek <tom&#064atack.cz> added checking of Sender header to SignedMailValidator.
Michael <emfau&#064t-online.de> correction of field error in getResponse method in CertRepMessage.
Trevor Perrin <trevor&#064cryptography.com> addition of constant time equals to avoid possible timing attacks.
Markus Kilås <markus&#064primekey.se> several enhancements to TimeStampResponseGenerator.
Dario Novakovic <darionis&#064yahoo.com> fix for NPE when checking revocation reason on CRL without
extensions.
Michael Smith <msmith&#064cbnco.com> bug fixes and enhancements to the CMP and CRMF classes, initial Master List classes.
Andrea Zilio <andrea.zilio&#064gmail.com> fix for PEM password encryption of private keys.
Alex Birkett <alex&#064birkett.co.uk> added support for EC cipher suites in TLS client (RFC 4492) [#BJA-291].
Wayne Grant <waynedgrant&#064gmail.com> additional OIDs for PCKS10 and certificate generation support.
Frank Cornelis <info&#064frankcornelis.be> additional support classes for CAdES, enhancements to OCSP classes.
Jan Dittberner <jan&#064dittberner.info> addHeader patch for SMIME generator.
Bob McGowan <boab.mcgoo&#064btinternet.com> patch to support different object and mgf digests in PSS signing.

Ivo Matheis <i.matheis&#064seeburger.de> fix to padding verification in ISO-9796-1.
Marco Sandrini <nessche&#064gmail.com> patch
to add IV to ISO9797Alg3Mac.
Alf Malf <alfilmalf&#064hotmail.com> removal of unnecessary limit in CMSContentInfoParser.
Alfonso Massa <alfonso.massa&#064insiel.it> contributions to CMS time stamp classes.
Giacomo Boccardo <gboccardo&#064unimaticaspa.it> initial work on
CMSTimeStampedDataParser.
Arnis Tartu <arnis&#064ut.ee> patches for dealing with OIDs with specific key sizes associated in
CMS.
Janusz Sikociski <J.Sikocinski&#064gdzie.pl> addition of Features subpacket support to OpenPGP
API.
Juri Hudolejev <jhudolejev&#064gmail.com> JavaDoc fix to CMSSignedDataParser.
Liane Velten <liane.velten&#064hjp-consulting.com> fine tuning of code for DHParameters
validation.
Shawn Willden <swillden&#064google.com> additional functionality to PGPKeyRing.
Atanas Krachev <akrachev&#064gmail.com> added support for revocation signatures in OpenPGP.
Mickael
Laiking <mickael.laiking&#064keynectis.com> initial cut of EAC classes.
Tim Buktu <tbuktu&#064hotmail.com> Initial implementation of NTRU signing and encryption.
Bernd <rbernd&#064gmail.com> Fix for open of PGP literal data stream with UTF-8 naming.
Steing Inge Morisbak <stein.inge.morisbak&#064BEKK.no> Test code for lower case Hex data in PEM
headers.
Andreas Schmid <andreas.schmid&#064tngtech.com> Additional expiry time check in
PGPPublicKeys.
Phil Steitz <phil.steitz&#064gmail.com> Final patch eliminating JCE dependencies in the OpenPGP BC
classes.
Ignat Korchagin <ignat.korchagin&#064gmail.com> Initial implementation of DSTU-4145-2002, long
hash fix for DSTU-4145-2002.
Petar Petrov <p.petrov&#064bers-soft.com> Testing and debugging of UTF-8 OpenPGP passwords.
Daniel Fitzpatrick <daniel.f.nwr&#064gmail.com> Initial implementation of ephemeral key support
for IES, initial implementions of RSA-KEM and ECIES-KEM, initial implementation of homogeneous projective
coordinates for EC.
Andy Neilson <Andy.Neilson&#064quest.com>a further patches to deal with multiple providers and
PEMReader.
Ted Shaw <xiao.xj&#064gmail.com> patch to MiscPEMGenerator for handling new
PKCS10CeritificationRequests.
Eleriseth <Eleriseth&#064WPECGLtYbVi8Rl6Y7Vzl2Lvd2EUVW99v3yNV3IWROG8.fms> speed up
for SIC/CTR mode. Provider compatibilty generalisations for EC operations.
Kenny Root <kenny&#064the-b.org> patch for issuerAltName, subjectAltName support in
X509CertificateObject, BaseBlockCipher.getIV() patch for AEAD.
Maarten Bodewes <maarten.bodewes&#064gmail.com> initial implementation of HKDF and NIST SP
800-108 MAC based KDF functions.
Philip Clay <pilf_b&#064gyahoo.com> Initial implementation of J-PAKE.
Brian Carlstrom <bdc&#064carlstrom.com> compliance patches for
some JCA/JCE keystore and cipher classes, miscellaneous code quality improvements, intial provider
PBKDF2WithHmacSHA1 SecretKeyFactory.
Samuel Lidén Borell <samuel&#064primekey.se> patch to add DSTU-4145 to
DefaultSignatureAlgorithmFinder

Sergio Demian Lerner <sergiolerner&#064certimix.com> pointing out isInfinity issue in ECDSASigner signature verification.
Tim Whittington <Tim.Whittington&#064orionhealth.com> patch to remove extra init call in CMac, additional of Memoable interface for Digest classes, initial implementation of GMAC, further correctness tests for IV and reset processing in OCB, CCM, and block cipher reset. Initial implementation of Skein, XSalsa20, ChaCha, reduced round Salsa20, Threefish, and the Poly1305 MAC. Documentation updates. Added OCB support to Noekeon and CAST6 in the provider, exception testing for CTS, optimisations for CCM, provider support for AAD cipher methods, safe CipherInput/OutputStream implementations
for use with AAD and subsequent bug fixes, cleanup after IDEA patent expiry, work on JCE SipHash support, optimisations for AESFastEngine, further work on EncodableDigest for SHA-2 digests, contributions to BCrypt/OpenBSDBCrypt, PGP API documentation and code quality work.
Marcus Lundblad <marcus.lundblad&#064primekey.se> patch for working arnound JDK jarsigner TSP bug, optional setting of IssuerSerial in TimeStampTokenGenerator, additional extensions enhancement for time stamp token generation.
Andrey Zhozhin <zhozhin&#064xrm.ru> patch for override of TSP SignerInfo attributes.
Sergey Tiunov <t5555d&#064gmail.com> initial cut of DVCS classes.
Damian Kolasa <fatfredyy&#064gmail.com> ASN1Sequence patch for class cast issue in X9Curve.
Ash Hughes <ashley.hughes&#064blueyonder.co.uk> patches for supporting PGPSecretKeyRing/PGPSecretKeys encodings with empty private keys, initial code for PGPSignatureSubpacketVector.getEmbeddedSignatures().
Daniel
Hirscher <dev&#064daniel-hirscher.de> patch to support parsing of explicit EC parameters in PEM files.
Daniele Ricci <daniele.athome&#064gmail.com> initial implementation of EC keys for OpenpPGP and RFC6637 support.
Matti Aarnio <matti.aarnio&#064methics.fi> tweaks to any build to remove dependence on shell scripts. Initial SM3 digest implementation, some EC related code cleanups, JavaDoc improvements for ASN.1 classes.
Babak Najafi <bnajafi&#064akamai.com> fixes to OpenPGP NotationData to prevent truncation problems.
Eric Müller <eric.mueller&#064sage.de> additional standard algorithm name lookups in JcaPEMKeyConverter.
Mathias Herberts <Mathias.Herberts&#064gmail.com> fix to inOff usage in RFC3394WrapEngine.
Daniil Ivanov <daniil.ivanov&#064gmail.com> addition of provider support for GOST HMAC SecretKeyFactory.
Daniele Grasso
<daniele.grasso86&#064gmail.com> contributions to final Key calculation code for SRP6.
Andrey Utkin <cindrhc&#064gmail.com> patch to reconstruction of ECGOST keys from PrivateKeyInfo objects in provider classes.
Arnis Tartu <arnis&#064ut.ee> checker for generated key vs OID in JceCMSContentEncryptorBuilder.
AxelVDB <axel-vdb&#064riseup.net> initial implementation of Shacal2.
Roberto Tyley <> further work on completing gradle build.
Waldemar Dick <wdick&#064devmue.de> code improvement in x500 ASN.1 package.
Sid Steward <sid.steward&#064pdflabs.com> code improvements to ASN1Boolean.
Alex Klyubin <klyubin&#064google.com> AlgorithmParameters check for EC key agreement.
Jonathan Gillett <gsoc.student&#064gmail.com> Initial support for block cipher IVs in IESEngine, IES MAC length check bug fix.
Andreas Reiter <andreas.reiter&#064iaik.tugraz.at> Reported

incomplete status of CertificateVerify processing in (D)TLS server, and provided fix.
Kieran Miller <kieran.miller&#064gmail.com> initial implementation for RFC 5649 key wrap with padding.
Oliver Ehli<ehli&#064arago.de> Additional support for BSI plain ECDSA in the provider.
Daniel Heldt<Daniel.Heldt&#064cryptovision.com> Initial support for encodable state message digests
Robert Bushman <bouncycastle&#064traxel.com> Clean up of DirectKeySignature example.
Maurice Aarts<aarts&#064riscure.com> updated to KDF generator to follow NIST SP 800-108.
Franziskus Kiefer<https://github.com/franziskuskiefer> initial implementation of Cramer-Shoup.
KB Sriram<mail_kb&#064yahoo.com> testing for odd encodings for PGP User Attribute Subpackets.
Marco Schulze<marco&#064nightlabs.de> Reported verification bug in GenericSigner.
Martin Schaef<https://github.com/martinschaef>
contributed a code-cleanup patch.
dstutz<https://github.com/dstutz> added iteration count setters to PKCS#12 PBE mac/key generator builders.
Tobias Wich<tobias.wich&#064ecsec.de> Provided patch for TLS to work around servers sending Supported Elliptic Curves extension unexpectedly.
Hauke Mehrtens<hauke&#064hauke-m.de> TLS patch to add ECDHE_ECDSA CCM ciphersuites from RFC 7251.
Daniel Zimmerman<dmz&#064galois.com> Further key quality improvements to RSAKeyPairGenerator.
Jens Kapitza&ltj.kapitza&#064schwarze-allianz.de> Iterable support in OpenPGP API, code cleanup in OpenPGP API.
Johan Eklund<johan&#064primekey.se> update to RFC 6960 for OCSPObjectIdentifiers.
nikosn<https://github.com/nikosn> Fix to encoding of EC private keys to ensure encoding matches order length.
Axel von dem Bruch <axel-vdb&#064riseup.net> Contributions to BCrypt/OpenBSDBCrypt, original version
of Blake2bDigest.
Derek Atkins <derek&#064ihtfp.com> Documentation fixes to X9ObjectIdentifiers.
Peter Jr Halicky <peto&#064halicky.sk> Correction to notification/error message handling in SignedMailValidator.
lartiguePierre<https://github.com/lartiguePierre> Fix for counter signature SID in CMSSignedData.
Thomas Belot<thomas.belot+BC&#064gmail.com> initial CertPathLoopTest for demonstrating stack overflow issue.
Rich DiCroce<https://github.com/rdicroce> Initial implementation of server-side TLS-SRP support. TLS API extension to support non-blocking usage.
Björn Kautler<https://github.com/Vampire> Refinements to cert path validation (authority key addition, certificate order preservation).
Dominik Schürmann<https://github.com/dschuermann> method for returning signatures/verifications without user IDs on PGPPublicKey, method for exposing S2K in PGPSecretKey, constants for
GNU protection modes in S2K classes, optional version header for armored output.
Michael <MSKnete&#064web.de> initial fix for bitStrength issue for OpenPGP EC keys.
Tobias Wagner <tobias.wagner&#064n-design.de> Fix SecureRandom handling in BcAsymmetricKeyWrapper [#BJA-536].
Sergio Giro <sgiro&#064google.com> Fixed adding of additional stores from CRL distribution point

[#BJA-537]. Fixed missing null check for CRL certificate issuer [#BJA-538], removal of risky zeroisation code in PBE.java, check for salt in PBEKeys that require it.
bschuette<https://github.com/bschuette> Fixed typo in DefaultSignatureAlgorithmIdentifierFinder, additional methods on CMSSignedDataParser.
Leonard Dallot<https://github.com/dallotTazTag> Fix to S2K usage of none on changing passwords on keys without passwords originally.
Jan Willem Janssen <j.w.janssen+bouncycastle&#064lxtreme.nl> Support for DSAParameters in lightweight
SubjectPublicKeyInfoFactory, initial object signer verifier for BC lightweight EC.
Sebastian Oerding <sebastian.oerding@robotron.de> Fixes to toString() in x509.CertificatePolicies.
Kai Kramer <kai.kramer&#064gmail.com> Code to deal with orphaned chain certificates in the PKCS#12 KeyStore.
Benoit Charles <benoit.charles&#064opentrust.com> Fix for IES data length check on decryption.
Niko <nfink95&#064gmail.com> fix to cast issue in getOutputSize() for ECIES.
akwizgran<https://github.com/akwizgran> Fixed clone of key in Blake2bDgest copy constructor, blake2b reset issue for varient keys.
Matthias Edelhoff <Matthias.Edelhoff&#064cryptovision.com> BasicConstraintsValidation pathlen fix in PKIX certpath classes.
Lukasz Deputat <lukasz.deputat&#064gmail.com> Fixed bugs in TlsUtils read methods [#BJA-592].
Justin Ludwig <https://github.com/justinludwig> Iterator fix for
PGPObjectFactory to handle stream packets at start of iterated data.
André Berenguel <https://github.com/aberenguel> Fix to include ECNamedCurveSpec in EC AlgorithmParameterSpi
Slawomir Jaranowski<https://github.com/slawekjaranowski> Patch to make cipher/hash/signature name methods in PGP internal API public.
Andrey Vasilyev<https://github.com/andrey-vasilyev> Initial implementation of GOST R 34.11-2012.
William Glanton <wglanton77&#064gmail.com> Fixed bug in Poly1305 [#BJA-620].
jdvorak001<https://github.com/jdvorak001> Speed improvements for ASN.1 ObjectIdentifier cache.
Joseph Naegele <jnaegele&#064grierforensics.com> Patch for handling multiple certificates in a DANE SMIMEA entry.
Andrew Bonventre<https://github.com/andybons> NullPointer patch for WNafUtil.
The Google Security Team (Project Wycheproof) <https://github.com/google/wycheproof> defect analysis and additional test cases for the provider.
Gorka Irazoqui <girazoki&#064wpi.edu> from Intel Security Center of Excellence <https://security-center.intel.com/> detection of the issue with AESFastEngine (CVE-2016-1000339), additional suggestions for improvement to hardening of AESEngine and finding cache sensitivities in EC key generation/signing.
Joerg Senekowitsch <joerg.senekowitsch&#064veridos.com> patch to deal with hard coded boolean in EAC ECDSAPublicKey.
Alexandr Krivoshta <wipe&#064ya.ru> N4 calculation fix to GOFB mode.
Artem Storozhuk <storojs72&#064gmail.com> N4 calculation fix to GOFB mode.
Na Yu <na.yu&#064samsung.com> Constructor patches to CMC PKIData.
Evangelos Karatsiolis <ekaratsiolis&#064mtg.de> Corrected use of explicit tagging in X.509 PolicyConstraints class.
VivleSoren <https://github.com/VivleSoren> additional constructor for McElieceCCA2PrivateKeyParameters.
mtausig

<https://github.com/mtausig> JavaDoc fix for MCSEncryptedDataGenerator.
Anders Schack-Mulligen <https://github.com/aschackmull> code cleanups for CMSSignedDataParser, BrokenKDF2BytesGenerator.
Sebastian Wolfgang Roland <sebastianwolfgang.roland&#064stud.tu-darmstadt.de> Initial XMSS/XMSS-MT implementation.
didisoft <https://github.com/didisoft> test code for PGP signature removal involving user ids.
Mike Safonov<https://github.com/MikeSafonov> initial implementation of GOST3410-2012 for light weight provider and JCA, parameters patches for ECGOST keys, initial implementation of GOST3412-2015, addition of fromExtensions() for CRLDistPoint.
Artem Storozhuk <storojs72&#064gmail.com> initial implementation of DSTU7564 (digest) and DSTU7624 (cipher) and their associated modes.
Andreas Glaser <andreas.glaser&#064gi-de.com> patch to recognise ANSSI curves for PKCS#10 requests.
codeborne
<https://github.com/cbxp> patch to correct OIDs used in public key digest parameters for ECGOST-2012.
FauxFaux <https://github.com/FauxFaux> patch for JDK 1.9 update to DRBG.java.
4garbage <https://github.com/4garbage> patch to allow GOST3410-94 private keys encoded as integers.
ekszz <https://github.com/ekszz> corrections to SM2 signer to include default identity value.
jminer <https://github.com/jminer> fix to Blake2b for hashes in range of 2**64-127 to 2**64.
str4d <https://github.com/str4d> initial implementation of Blake2s
Scott Woodward <scott&#064bit3consulting.com> performance fixes for CTRSP800DRBG.
David Strawn <https://github.com/isomarcte> fix for off by one error in SCRYPT bounds checking.
chris mccown <0xchrismccown&#064gmail.com> identification of serialisation issue with XMSS/XMSSMT private keys (see also CVE-2018-1000613).
ZZMarquis
<https://github.com/ZZMarquis> offset patch for SM2 decrypt.
Andreas Kretschmer <https://github.com/Akretsch> NPE fix for CertTemplate.getVersion()
Armin Lunkeit, Michael Tautenhahn <> identification of M-R test issue on higher certainty values in RSA key pair generation.
Vincent Breitmoser <https://github.com/Valodim> fix to ignore unnecessary checksum calculator on PGP secret key encryption.
Adam Vartanian <https://github.com/flooey> use of ShortBuffer exception and buffer size pre-check in Cipher.doFinal().
Bernd <https://github.com/ecki> Fix to make PGPUtil.pipeFileContents use buffer and not leak file handle.
Shartung <https://github.com/shartung> Additional EC Key Agreement algorithms in support of German BSI TR-03111.
Paul Schaub <https://github.com/vanitasvitae> bringing PGPSecretKey.getUserIds() into line with PGPPublicKey.getUserIds(). Exception
message fix in BcPublicKeyDataDecryptorFactory. Additional tests on PGP key ring generation.
Nick of Nexxar <https://github.com/nros> update to OpenPGP package to handle a broader range of EC curves.
catbref <https://github.com/catbref> sample implementation of RFC 7748/Ed25519 (incorporated work from github users Valodim and str4d as well).
gerlion <https://github.com/gerlion> detection of concurrency issue with pre-1.60 EC math library.
fgrieu <fgrieu&#064gmail.com> identification and suggested fixes for possible timing vulnerability in

OAEPEncoding and RSACoreEngine.
MTG <https://github.com/mtgag> patch for decoding issues in PKIPublicationInfo and CertifiedKeyPair.
Andreas Gadermaier <up.gadermaier&#064gmail.com> initial version of Argon2 PBKDF algorithm.
Tony Washer <tony.washer@yahoo.co.uk> review of qTesla, Java 1.9 module code.
Vincent Bouckaert <https://github.com/veebee>
 initial version of RFC 4998 ASN.1 classes.
Tony Washer <https://github.com/tonywasher> ECIESKeyEncapsulation fix for use of OldCofactor mode.
Aurimas Liutikas <https://github.com/liutikas> JavaDoc patches to ReasonsMask.

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1.507 jansson 2.12-1build1

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1.509 libsm 1.2.3-1

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1.511 berkeley-db 5.3.28-13.1ubuntu1

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1.518 hazelcast 3.7.3

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1.519 giflib 5.2.1

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1.520 tycho-maven-plugin 1.0.0

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1.525 libxdmcp 1.1.2-3

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1.526 pcre 8.39-9

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1.527 pinentry 1.1.0-1

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1.529 libpsl 0.19.1-5build1

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1.530 libxext 1.3.3-1

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```

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

```
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```

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-- vile: txtmode file-encoding=utf-8
Upstream source https://invisible-island.net/ncurses/ncurses.html
This package is used for testing builds of ncurses.

Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

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ftp://invisible-island.net/ncurses/.

It is based somewhat on work done by Bruce Perens <Bruce@Pixar.com>,
David Engel <david@elo.ods.com>. Michael Alan Dorman
<mdorman@debian.org>, Richard Braakman <dark@xs4all.nl>, James Troup
<jjtroup@comp.brad.ac.uk>, J.H.M. Dassen (Ray)
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.
A list of the supported algorithms, their origins and licenses (from the manual):
.
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  written by Rafael Sevilla. Assembler for x86 by Rafael Sevilla and
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.
ARCFOUR
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CAST128

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DES

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MD2

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MD5

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SHA224, SHA256, SHA384, and SHA512
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TWOFISH
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1.535 libpkit 0.23.9-2

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lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
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lib/gssapi/mechglue/g_exp_sec_context.c
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lib/gssapi/mechglue/g_imp_name.c
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lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

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kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c
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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c

lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
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lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c
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1.540 bzip2 1.0.6-8.1ubuntu0.2

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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1.541 pam 1.1.8-3.6ubuntu2.18.04.1

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Patch for Ubuntu bug #399071

Display the contents of /etc/legal as part of the MOTD, the first time the
user logs in, and set a flag in the user's homedir if possible to prevent
repeat displays.

Authors: Dustin Kirkland <kirkland@canonical.com>

Upstream status: Ubuntu-specific, maybe submit to Debian

Index: pam.ubuntu/modules/pam_motd/pam_motd.c
==========
--- pam.ubuntu.orig/modules/pam_motd/pam_motd.c
+++ pam.ubuntu/modules/pam_motd/pam_motd.c
@@ -73,6 +73,61 @@
 close(fd);
}

+int display_legal(pam_handle_t *pamh)
+{
+ int retval = PAM_IGNORE, rc;
+ char *user = NULL;
+ char *dir = NULL;
+ char *flag = NULL;
+ struct passwd *pwd = NULL;
+ struct stat s;

```
+   int f;
+   /* Get the user name to determine if we need to print the disclaimer */
+   rc = pam_get_item(pamh, PAM_USER, &user);
+   if (rc == PAM_SUCCESS && user != NULL && *(const char *)user != '\0')
+   {
+      PAM_MODUTIL_DEF_PRIVS(privs);
+
+
     /* Get the password entry */
+      pwd = pam_modutil_getpwnam (pamh, user);
+      if (pwd != NULL)
+      {
+         if (pam_modutil_drop_priv(pamh, &privs, pwd)) {
+            pam_syslog(pamh, LOG_ERR,
+                       "Unable to change UID to %d temporarily\n",
+                       pwd->pw_uid);
+            retval = PAM_SESSION_ERR;
+            goto finished;
+         }
+
+         if (asprintf(&dir, "%s/.cache", pwd->pw_dir) == -1 || !dir)
+            goto finished;
+         if (asprintf(&flag, "%s/motd.legal-displayed", dir) == -1 || !flag)
+            goto finished;
+
+         if (stat(flag, &s) != 0)
+         {
+            display_file(pamh, "/etc/legal");
+            mkdir(dir, 0700);
+            f = open(flag, O_WRONLY|O_CREAT|O_EXCL,
+                     S_IRUSR|S_IWUSR|S_IRGRP|S_IROTH);
+            if (f>=0) close(f);
+         }
+
+finished:
+         if (pam_modutil_regain_priv(pamh,
 &privs)) {
+            pam_syslog(pamh, LOG_ERR,
+                       "Unable to change UID back to %d\n", privs.old_uid);
+            retval = PAM_SESSION_ERR;
+         }
+
+         _pam_drop(flag);
+         _pam_drop(dir);
+      }
+   }
+   return retval;
+}
```

```
+
PAM_EXTERN
int pam_sm_open_session(pam_handle_t *pamh, int flags,
   int argc, const char **argv)
@@ -116,6 +171,9 @@
    /* Display the updated motd */
    display_file(pamh, motd_path);

+    /* Display the legal disclaimer only if necessary */
+    retval = display_legal(pamh);
+
    return retval;
}
```

This package was debianized by J.H.M. Dassen (Ray) jdassen@debian.org on
Wed, 23 Sep 1998 20:29:32 +0200.

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1.542 zap 1.13.0

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1.543 gorilla 1.7.3

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1.544 kr-fs 0.1.0

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1.546 libxshmfence 1.3-1

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1.547 libxv 1.0.11-1

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1.548 cpp 8.3.0-6ubuntu1~18.04.1

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1.550 libxi 1.7.9-1

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1.551 libxt 1.1.5-1

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1.552 libxaw 1.0.13-1

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1.554 libgpg-error 1.27-6

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with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the
Library. A suitable mechanism is one that (1) uses at run time a
copy of the library already present on the user's computer system,
rather than copying library functions into the executable, and (2)
will
operate properly with a modified version of the library, if
the user installs one, as long as the modified version is
interface-compatible with the version that the work was made with.

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This package was added to the e2fsprogs debian source package by
Theodore Ts'o <tytso@mit.edu> on Fri Dec 14 22:24:35 EST 2007

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Index: tdbsa/tdb.c
==========
--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@ Rev: 23371
Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
*/
 /*
-   Unix SMB/CIFS implementation.
+   trivial database library - standalone version

-   trivial database library - private includes
-
-   Copyright (C) Andrew Tridgell   2005

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Gadi Oxman, August 1995

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```
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This is the Debian GNU/Linux prepackaged version of the EXT2 file
system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were
written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

Sources were obtained from http://sourceforge.net/projects/e2fsprogs

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Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

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#
# This is a Makefile stub which handles the creation of BSD shared
# libraries.
#
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#

all:: image

real-subdirs:: Makefile
 @echo " MKDIR pic"
 @mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic

image:  $(BSD_LIB)

$(BSD_LIB): $(OBJS)
 (cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
 $(MV) pic/$(BSD_LIB) .
 $(RM) -f ../$(BSD_LIB)
 (cd ..; $(LN) $(LINK_BUILD_FLAGS) \
  `echo $(my_dir) | sed -e 's;lib/;;'`/$(BSD_LIB) $(BSD_LIB))

install-shlibs install:: $(BSD_LIB)
 @echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
 @$(INSTALL_PROGRAM) $(BSD_LIB) \
  $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
 @-$(LDCONFIG)

install-strip: install

install-shlibs-strip: install-shlibs

uninstall-shlibs uninstall::
 $(RM) -f $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
```

```
 $(RM)
 -rf pic
 $(RM) -f $(BSD_LIB)
 $(RM) -f ../$(BSD_LIB)
```

This is the Debian GNU/Linux prepackaged version of the ss command-line interface parsing library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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before you ship. The release schedules for this
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Theodore Ts'o
23-June-2007

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This package was put together by Yann Dirson <dirson@debian.org>,
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1.568 cyrus-sasl 2.1.27~101-g0780600+dfsg-3ubuntu2.1

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1.576 pyasn1-modules 0.2.8

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1.577 distlib 0.3.0

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes

2.1.3				
2.1.2	2002	PSF	yes	
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
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2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
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The Distutils2 project was started by Tarek Ziad and is currently
maintained by ric Araujo. Many people have contributed to the project.

distlib has started off using some of the code from distutil2.

If you're making a patch, please add your name below in alphabetical order,
and welcome into the Fellowship of the Packaging!

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1.578 urllib3 1.25.8

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Contributors

In chronological order:

* victor.vde <http://code.google.com/u/victor.vde/>
 * HTTPS patch (which inspired HTTPSConnectionPool)

* erikcederstrand <http://code.google.com/u/erikcederstrand/>
 * NTLM-authenticated HTTPSConnectionPool
 * Basic-authenticated HTTPSConnectionPool (merged into make_headers)

* niphlod <niphlod@gmail.com>
 * Client-verified SSL certificates for HTTPSConnectionPool
 * Response gzip and deflate encoding support
 * Better unicode support for filepost using StringIO buffers

* btoconnor <brian@btoconnor.net>
 * Non-multipart encoding for POST requests

* p.dobrogost <http://code.google.com/u/@WBRSRlBZDhBFXQB6/>
 * Code review, PEP8 compliance, benchmark fix

* kennethreitz <me@kennethreitz.com>
 * Bugfixes, suggestions, Requests integration

* georgemarshall <https://github.com/georgemarshall>
 * Bugfixes, Improvements and Test
 coverage

* Thomas Kluyver <thomas@kluyver.me.uk>
 * Python 3 support

* brandon-rhodes <http://rhodesmill.org/brandon>
 * Design review, bugfixes, test coverage.

* studer <theo.studer@gmail.com>
 * IPv6 url support and test coverage

* Shivaram Lingamneni <slingamn@cs.stanford.edu>
 * Support for explicitly closing pooled connections

* hartator <hartator@gmail.com>
 * Corrected multipart behavior for params

* Thomas Weischuh <thomas@t-8ch.de>
 * Support for TLS SNI
 * API unification of ssl_version/cert_reqs
 * SSL fingerprint and alternative hostname verification
 * Bugfixes in testsuite

* Sune Kirkeby <mig@ibofobi.dk>
 * Optional SNI-support for Python 2 via PyOpenSSL.

* Marc Schlaich <marc.schlaich@gmail.com>
 * Various bugfixes and test improvements.

* Bryce Boe <bbzbryce@gmail.com>
 * Correct six.moves conflict
 * Fixed pickle support of some exceptions

* Boris Figovsky <boris.figovsky@ravellosystems.com>
 * Allowed to skip SSL hostname verification

* Cory Benfield
 <https://lukasa.co.uk/about/>
 * Stream method for Response objects.
 * Return native strings in header values.
 * Generate 'Host' header when using proxies.

* Jason Robinson <jaywink@basshero.org>
 * Add missing WrappedSocket.fileno method in PyOpenSSL

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 * Fixed a race condition

* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
 * Added HTTPS (CONNECT) proxy support

* Stephen Holsapple <sholsapp@gmail.com>
 * Added abstraction for granular control of request fields

* Martin von Gagern <Martin.vGagern@gmx.net>
 * Support for non-ASCII header parameters

* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
 * Support for separate connect and request timeouts

* Peter Waller <p@pwaller.net>
 * HTTPResponse.tell() for determining amount received over the wire

* Nipunn Koorapati <nipunn1313@gmail.com>
 * Ignore default ports when comparing hosts for equality

* Danilo @dbrgn <https://dbrgn.ch/>
 * Disabled TLS compression by default on Python 3.2+
 * Disabled TLS compression in pyopenssl contrib module
 * Configurable cipher suites in pyopenssl contrib module

* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
 * Account retries on proxy errors

* Nicolas Delaby <nicolas.delaby@ezeep.com>
 * Use the platform-specific CA certificate locations

* Josh Schneier <https://github.com/jschneier>
 * HTTPHeaderDict and associated tests and docs
 * Bugfixes, docs, test coverage

* Tahia Khan <http://tahia.tk/>
 * Added Timeout examples in docs

* Arthur Grunseid <https://grunseid.com>
 * source_address support and tests (with https://github.com/bui)

* Ian Cordasco <graffatcolmingov@gmail.com>
 * PEP8 Compliance and Linting
 * Add ability to pass socket options to an HTTP Connection

* Erik Tollerud <erik.tollerud@gmail.com>
 * Support for standard library io module.

* Krishna Prasad <kprasad.iitd@gmail.com>
 * Google App Engine documentation

* Aaron Meurer
 <asmeurer@gmail.com>
 * Added Url.url, which unparses a Url

* Evgeny Kapun <abacabadabacaba@gmail.com>
 * Bugfixes

* Benjamen Meyer <bm_witness@yahoo.com>
 * Security Warning Documentation update for proper capture

* Shivan Sornarajah <github@sornars.com>
 * Support for using ConnectionPool and PoolManager as context managers.

* Alex Gaynor <alex.gaynor@gmail.com>
 * Updates to the default SSL configuration

* Tomas Tomecek <ttomecek@redhat.com>
 * Implemented generator for getting chunks from chunked responses.

* tlynn <https://github.com/tlynn>
 * Respect the warning preferences at import.

* David D. Riddle <ddriddle@illinois.edu>
 * IPv6 bugfixes in testsuite

* Thea Flowers <magicalgirl@google.com>
 * App Engine environment tests.
 * Documentation re-write.

* John Krauss <https://github.com/talos>
 * Clues to debugging problems with `cryptography` dependency in docs

* Disassem <https://github.com/Disassem>
 * Fix pool-default headers not applying for url-encoded
 requests like GET.

* James Atherfold <jlatherfold@hotmail.com>
 * Bugfixes relating to cleanup of connections during errors.

* Christian Pedersen <https://github.com/chripede>
 * IPv6 HTTPS proxy bugfix

* Jordan Moldow <https://github.com/jmoldow>
 * Fix low-level exceptions leaking from ``HTTPResponse.stream()``.
 * Bugfix for ``ConnectionPool.urlopen(release_conn=False)``.
 * Creation of ``HTTPConnectionPool.ResponseCls``.

* Predrag Gruevski <https://github.com/obi1kenobi>
 * Made cert digest comparison use a constant-time algorithm.

* Adam Talsma <https://github.com/a-tal>
 * Bugfix to ca_cert file paths.

* Evan Meagher <https://evanmeagher.net>
 * Bugfix related to `memoryview` usage in PyOpenSSL adapter

* John Vandenberg <jayvdb@gmail.com>
 * Python 2.6 fixes; pyflakes and pep8 compliance

* Andy Caldwell <andy.m.caldwell@googlemail.com>
 * Bugfix related to reusing connections in indeterminate states.

* Ville Skytt <ville.skytta@iki.fi>
 * Logging efficiency
 improvements, spelling fixes, Travis config.

* Shige Takeda <smtakeda@gmail.com>
 * Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response

* Jess Shapiro <jesse@jesseshapiro.net>
 * Various character-encoding fixes/tweaks
 * Disabling IPv6 DNS when IPv6 connections not supported

* David Foster <http://dafoster.net/>
 * Ensure order of request and response headers are preserved.

* Jeremy Cline <jeremy@jcline.org>
 * Added connection pool keys by scheme

* Aviv Palivoda <palaviv@gmail.com>
 * History list to Retry object.
 * HTTPResponse contains the last Retry object.

* Nate Prewitt <nate.prewitt@gmail.com>
 * Ensure timeouts are not booleans and greater than zero.
 * Fixed infinite loop in ``stream`` when amt=None.
 * Added length_remaining to determine remaining data to be read.
 * Added enforce_content_length to raise exception when incorrect content-length received.

* Seth Michael Larson <sethmichaellarson@protonmail.com>
  * Created selectors backport that supports PEP 475.

* Alexandre Dias <alex.dias@smarkets.com>
 * Don't retry on timeout if method not in whitelist

* Moinuddin Quadri <moin18@gmail.com>
 * Lazily load idna package

* Tom White <s6yg1ez3@mail2tor.com>
 * Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.

* Tim Burke <tim.burke@gmail.com>
 * Stop buffering entire deflate-encoded responses.

* Tuukka Mustonen <tuukka.mustonen@gmail.com>
 * Add counter for status_forcelist retries.

* Erik Rose <erik@mozilla.com>
 * Bugfix to pyopenssl vendoring

* Wolfgang Richter <wolfgang.richter@gmail.com>
 * Bugfix related to loading full certificate chains with PyOpenSSL backend.

* Mike Miller <github@mikeage.net>
 * Logging improvements to include the HTTP(S) port when opening a new connection

* Ioannis Tziakos <mail@itziakos.gr>
 * Fix ``util.selectors._fileobj_to_fd`` to accept ``long``.
 * Update appveyor tox setup to use the 64bit python.

* Akamai
 (through Jess Shapiro) <jshapiro@akamai.com>
 * Ongoing maintenance; 2017-2018

* Dominique Leuenberger <dimstar@opensuse.org>
 * Minor fixes in the test suite

* Will Bond <will@wbond.net>
 * Add Python 2.6 support to ``contrib.securetransport``

* Aleksei Alekseev <alekseev.yeskela@gmail.com>
 * using auth info for socks proxy

* Chris Wilcox <git@crwilcox.com>
 * Improve contribution guide
 * Add ``HTTPResponse.geturl`` method to provide ``urllib2.urlopen().geturl()`` behavior

* Bruce Merry <https://www.brucemerry.org.za>
 * Fix leaking exceptions when system calls are interrupted with zero timeout

* Hugo van Kemenade <https://github.com/hugovk>
 * Drop support for EOL Python 2.6

* Tim Bell <https://github.com/timb07>
 * Bugfix for responses with Content-Type: message/* logging warnings

* Justin Bramley <https://github.com/jbramleycl>
 * Add ability to handle multiple Content-Encodings

* Katsuhiko YOSHIDA <https://github.com/kyoshidajp>
 * Remove Authorization header
 regardless of case when redirecting to cross-site

* James Meickle <https://permadeath.com/>
 * Improve handling of Retry-After header

* Chris Jerdonek <chris.jerdonek@gmail.com>

* Remove a spurious TypeError from the exception chain inside
  HTTPConnectionPool._make_request(), also for BaseExceptions.

* [Your name or handle] <[email or website]>
* [Brief summary of your changes]

1.579 openssl 1.1.1-1ubuntu2.1~18.04.5

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1.580 snake-yaml 1.15

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1.581 hiredis 0.13.3-2

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Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be

consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest
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4. You may copy and distribute the Library (or a portion or
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machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the
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However, linking a "work that uses the Library" with the Library

creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding
machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the

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1.593 libvorbis 1.3.6-2ubuntu1

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1.594 mawk 1.3.4.20200120-2

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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1.597 libogg 1.3.4-0ubuntu1

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This package was debianized by Christopher L Cheney <ccheney@debian.org> on
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From: Silvia Pfeiffer <silviapfeiffer1@gmail.com>
Date: Sun, 14 Aug 2011 15:47:09 +1000
Message-ID: <CAHp8n2nmGN+G09aA118KN86NeX9yw_VJAQNFZebm74k195zz+Q@mail.gmail.com>
Subject: Re: Distributing the libogg RFCs in the Debian package
To: Ron <ron@debian.org>
Cc: Christopher Montgomery <monty@xiph.org>,
Ivo Emanuel Goncalves <justivo@gmail.com>

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1.598 libassuan 2.5.3-7ubuntu2

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object
code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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work with the complete corresponding
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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly
with a modified version of the library, if
the user installs one, as long as the modified version is

interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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1.602 libxcb 1.14-2

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1.604 libpng 1.6.37-2

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1.607 vixie-cron 3.0pl1-136ubuntu1

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* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/misc.c

*
 /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/job.c
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/compat.c
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/do_command.c
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/user.c
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/config.h
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/entry.c
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/cron.h
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/crontab.c
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/env.c
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.\"
.\" @(#)bitstring.3 5.1
 (Berkeley) 12/13/89
.\"

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.\" $Id: crontab.1,v 2.4 1993/12/31 10:47:33 vixie Exp $
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* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/pathnames.h
*
 /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/externs.h
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.\" $Id: cron.8,v 2.2 1993/12/28 08:34:43 vixie Exp $
.\"
```

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*/
```

$Id: INSTALL,v 2.5 1994/01/15 20:43:43 vixie Exp $

Read the comments at the top of the Makefile, then edit the area marked
'configurable
 stuff'.

Edit config.h. The stuff I expect you to change is down a bit from the
top of the file, but it's clearly marked. Also look at pathnames.h.

You don't have to create the /var/cron or /var/cron/tabs directories, since
both the daemon and the `crontab' program will do this the first time they
run if they don't exist. You do need to have a /var, though -- just "mkdir
/var" if you don't have one, or you can "mkdir /usr/var; ln -s /usr/var /var"
if you expect your /var to have a lot of stuff in it.

You will also need /usr/local/etc and /usr/local/bin directories unless you
change the Makefile. These will have to be created by hand, but if you are
a long-time Usenet user you probably have them already. /usr/local/man is
where I keep my man pages, but I have the source for `man' and you probably
do not. Therefore you may have to put the man pages into /usr/man/manl,
which will be hard since there will be name collisions. (Note that the man
command was originally written by
 Bill Joy before he left Berkeley, and it
contains no AT&T code, so it is in UUNET's archive of freely-distributable
BSD code.)

LINUX note: /usr/include/paths.h on some linux systems shows _PATH_SENDMAIL
 to be /usr/bin/sendmail even though sendmail is installed in /usr/lib.
 you should check this out.

say:
 make all

su and say:
 make install

Note that if I can get you to "su and say" something just by asking, you have

a very serious security problem on your system and you should look into it.

Edit your /usr/lib/crontab file into little pieces -- see the CONVERSION file
for help on this.

Use the `crontab' command to install all the little pieces you just created.
Some examples (see below before trying any of these!)

```
crontab -u uucp -r /usr/lib/uucp/crontab.src
crontab -u news -r /usr/lib/news/crontab.src
crontab -u root -r /usr/adm/crontab.src
```

Notes on above examples: (1) the .src files are copied at the time the
command is issued; changing the source files later will have
no effect until
they are reinstalled with another `crontab -r' command. (2) The crontab
command will affect the crontab of the person using the command unless `-u
USER' is given; `-u' only works for root. When using most `su' commands
under most BSD's, `crontab' will still think of you as yourself even though
you may think of yourself as root -- so use `-u' liberally. (3) the `-r'
option stands for `replace'; check the man page for crontab(1) for other
possibilities.

Kill your existing cron daemon -- do `ps aux' and look for /etc/cron.

Edit your /etc/rc or /etc/rc.local, looking for the line that starts up
/etc/cron. Comment it out and add a line to start the new cron daemon
-- usually /usr/local/etc/cron, unless you changed it in the Makefile.

Start up this cron daemon yourself as root. Just type /usr/local/etc/cron
(or whatever); no '&' is needed since the daemon forks itself and the
process you executed returns immediately.

ATT notes: for those people unfortunate enough to
be stuck on a AT&T UNIX,
you will need the public-domain "libndir", found in the B News source and in
any comp.sources.unix archive. You will also need to hack the code some.

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*
* @(#)bitstring.h 5.2
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* I'll try to keep a version up to date. I can be reached as follows:
* Paul Vixie <paul@vix.com> uunet!decwrl!vixie!paul
*/

Vixie Cron V3.0
December 27, 1993
[V2.2 was some time in 1992]

[V2.1 was May 29, 1991]
[V2.0 was July 5, 1990]
[V2.0-beta
was December 9, 1988]
[V1.0 was May 6, 1987]
Paul Vixie

This is a version of 'cron' that is known to run on BSD 4.[23] systems. It is functionally based on the SysV cron, which means that each user can have their own crontab file (all crontab files are stored in a read-protected directory, usually /var/cron/tabs). No direct support is provided for 'at'; you can continue to run 'atrun' from the crontab as you have been doing. If you don't have atrun (i.e., System V) you are in trouble.

A messages is logged each time a command is executed; also, the files "allow" and "deny" in /var/cron can be used to control access to the "crontab" command (which installs crontabs). It hasn't been tested on SysV, although some effort has gone into making the port an easy one.

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To use this: Sorry, folks, there is no cutesy 'Configure' script. You'll have to go edit a couple of files... So, here's the checklist:

Read all the FEATURES, INSTALL, and CONVERSION files
Edit config.h
Edit Makefile
(both of these files have instructions inside; note that
some things in config.h are definable in Makefile and are
therefore surrounded by #ifndef...#endif)
'make'
'su' and 'make install'
(you may have to install the man pages by hand)
kill your existing cron process
(actually you can run your existing cron if you want, but why?)
build new crontabs using /usr/lib/{crontab,crontab.local}
(either put them all in "root"'s crontab, or divide it up
and rip out all the 'su' commands, collapse the lengthy
lists into
ranges with steps -- basically, this step is
as much work as you want to make it)
start up the new cron

(must be done as root)
watch it. test it with 'crontab -r' and watch the daemon track your
changes.
if you like it, change your /etc/{rc,rc.local} to use it instead of
the old one.

$Id: README,v 2.3 1993/12/28 08:34:43 vixie Exp $

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.\" */
.\"
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.\"

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*
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1.608 redigo 2.0.0

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1.617 quartz 2.3.2

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contains portions of the Library), rather than a ``work that uses the library''. The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

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if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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@item
Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable,
and (2) will operate
properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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bzip2/libbzip2 version 1.0.6 of 6 September 2010

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Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object
code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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a) Accompany the
work with the complete corresponding
machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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DRuntime: Runtime Library for the D Programming Language
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========

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iconv (Charset Conversion Library) v2.0

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1.623 glew 2.2.0

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Version: 7.0

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1.624 thrift 0.13.0

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1.625 logrus 1.6.0

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1.626 jetty-continuation 9.4.28.v20200408

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

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* org.eclipse.jetty.orbit:javax.mail.glassfish

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
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module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
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http://openjdk.java.net/legal/gplv2+ce.html

OW2

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terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.628 xiang90-probing 0.0.0-20190116061207-43a291ad63a2

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1.632 libice 1.0.10-0ubuntu1

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5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may

distribute the object
code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a
work containing portions of the Library, and distribute that work
under terms of your choice, provided that the terms permit
modification of the work for the customer's own use and reverse
engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the
Library is used in it and that the Library and its use are covered by
this License. You must supply a copy of this License. If the work
during execution displays copyright notices, you must include the
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directing the user to the copy of this License. Also, you must do one
of these things:

a) Accompany the
work with the complete corresponding
machine-readable source code for the Library including whatever
changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the
Library. A suitable mechanism is one that (1) uses at run time a
copy of the library already present on the user's computer system,
rather than copying library functions into the executable, and (2)
will operate properly
with a modified version of the library, if
the user installs one, as long as the modified version is
interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least
three years, to give the same user the materials specified in
Subsection 6a, above, for a charge no more than the cost of
performing this distribution.

d) If distribution of the work is made by offering access to copy

from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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That's all there is to it!

1.634 gorilla 1.4.2

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1.635 libpsl 0.21.0-1ubuntu1

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1.636 graphite 1.3.13-11build1

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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

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Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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This option is useful when you wish to copy part of the code of
the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or
derivative of it, under Section 2) in object code or executable form
under the terms of Sections 1 and 2 above provided that you accompany
it with the complete corresponding
machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
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5. A program that contains no derivative of any portion of the
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work, in isolation, is not a derivative work of the Library, and
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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly
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c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally
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1.641 pango 1.44.7-2ubuntu4

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1.642 xorg 7.7+19ubuntu14

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1.643 xtrans 1.4.0-1

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1.644 error_prone_annotations 2.2.0

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* /opt/ws_local/PERMITS_SQL/1058977512_1592470565.69/0/error-prone-annotations-2-2-0-sources-1-jar/com/google/errorprone/annotations/RequiredModifiers.java
* /opt/ws_local/PERMITS_SQL/1058977512_1592470565.69/0/error-prone-annotations-2-2-0-sources-1-jar/com/google/errorprone/annotations/SuppressPackageLocation.java
* /opt/ws_local/PERMITS_SQL/1058977512_1592470565.69/0/error-prone-annotations-2-2-0-sources-1-jar/com/google/errorprone/annotations/IncompatibleModifiers.java
* /opt/ws_local/PERMITS_SQL/1058977512_1592470565.69/0/error-prone-annotations-2-2-0-sources-1-jar/com/google/errorprone/annotations/CompileTimeConstant.java
* /opt/ws_local/PERMITS_SQL/1058977512_1592470565.69/0/error-prone-annotations-2-2-0-sources-1-jar/com/google/errorprone/annotations/Immutable.java
* /opt/ws_local/PERMITS_SQL/1058977512_1592470565.69/0/error-prone-annotations-2-2-0-sources-1-jar/com/google/errorprone/annotations/concurrent/LazyInit.java
* /opt/ws_local/PERMITS_SQL/1058977512_1592470565.69/0/error-prone-annotations-2-2-0-sources-1-jar/com/google/errorprone/annotations/ForOverride.java
* /opt/ws_local/PERMITS_SQL/1058977512_1592470565.69/0/error-prone-annotations-2-2-0-sources-1-jar/com/google/errorprone/annotations/Var.java

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* /opt/ws_local/PERMITS_SQL/1058977512_1592470565.69/0/error-prone-annotations-2-2-0-sources-1-jar/com/google/errorprone/annotations/NoAllocation.java
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* /opt/ws_local/PERMITS_SQL/1058977512_1592470565.69/0/error-prone-annotations-2-2-0-sources-1-jar/com/google/errorprone/annotations/DoNotCall.java
* /opt/ws_local/PERMITS_SQL/1058977512_1592470565.69/0/error-prone-annotations-2-2-0-sources-1-jar/com/google/errorprone/annotations/OverridingMethodsMustInvokeSuper.java
* /opt/ws_local/PERMITS_SQL/1058977512_1592470565.69/0/error-prone-annotations-2-2-0-sources-1-jar/com/google/errorprone/annotations/concurrent/GuardedBy.java
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* /opt/ws_local/PERMITS_SQL/1058977512_1592470565.69/0/error-prone-annotations-2-2-0-sources-1-jar/com/google/errorprone/annotations/FormatMethod.java
* /opt/ws_local/PERMITS_SQL/1058977512_1592470565.69/0/error-prone-annotations-2-2-0-sources-1-jar/com/google/errorprone/annotations/MustBeClosed.java
* /opt/ws_local/PERMITS_SQL/1058977512_1592470565.69/0/error-prone-annotations-2-2-0-sources-1-jar/com/google/errorprone/annotations/RestrictedApi.java
* /opt/ws_local/PERMITS_SQL/1058977512_1592470565.69/0/error-prone-annotations-2-2-0-sources-1-jar/com/google/errorprone/annotations/FormatString.java
* /opt/ws_local/PERMITS_SQL/1058977512_1592470565.69/0/error-prone-annotations-2-2-0-sources-1-jar/com/google/errorprone/annotations/DoNotMock.java

1.645 error_prone_annotations 2.3.4

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* /opt/ws_local/PERMITS_SQL/1059106420_1592475238.99/0/error-prone-annotations-2-3-4-sources-1-jar/com/google/errorprone/annotations/ForOverride.java
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* /opt/ws_local/PERMITS_SQL/1059106420_1592475238.99/0/error-prone-annotations-2-3-4-sources-1-jar/com/google/errorprone/annotations/CompileTimeConstant.java
* /opt/ws_local/PERMITS_SQL/1059106420_1592475238.99/0/error-prone-annotations-2-3-4-sources-1-jar/com/google/errorprone/annotations/concurrent/LazyInit.java
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* /opt/ws_local/PERMITS_SQL/1059106420_1592475238.99/0/error-prone-annotations-2-3-4-sources-1-jar/com/google/errorprone/annotations/concurrent/GuardedBy.java
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/opt/ws_local/PERMITS_SQL/1059106420_1592475238.99/0/error-prone-annotations-2-3-4-sources-1-jar/com/google/errorprone/annotations/OverridingMethodsMustInvokeSuper.java
* /opt/ws_local/PERMITS_SQL/1059106420_1592475238.99/0/error-prone-annotations-2-3-4-sources-1-jar/com/google/errorprone/annotations/CheckReturnValue.java
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* /opt/ws_local/PERMITS_SQL/1059106420_1592475238.99/0/error-prone-annotations-2-3-4-sources-1-jar/com/google/errorprone/annotations/RestrictedApi.java
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* /opt/ws_local/PERMITS_SQL/1059106420_1592475238.99/0/error-prone-annotations-2-3-4-sources-1-jar/com/google/errorprone/annotations/FormatMethod.java

1.646 jsonpatch 1.9

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1.652 zookeeper 3.4.10-39d3a4f269333c922ed3db283be479f9deacaa0

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1.654 leveldb 0.12

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x ?"U@,5 @mISmIN<GimCN7g1u|E
43mI,5WEV @@ WEV @mImImIAmImImI0mImImI*mImI
A0mImImI...
lost+found...

;9GimCN7g

!"#$%&'()*+,-

./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~

!"#$%&'()*+,-
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./0123456789:;<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~WEV @@
WEV[B "1
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1.657 gnutls 3.5.18-1ubuntu1.3

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1.658 base-files 10.1ubuntu2.8

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1.659 adduser 3.118ubuntu2

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Since Nov 27 1996, it was maintained by Guy Maor <maor@debian.org>. He
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1.663 acl 2.2.53-6

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1.664 sed 4.7-1

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1.665 libffi 3.3-4

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Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

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1.667 base-passwd 3.5.47

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1.668 bzip2 1.0.8-2

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bzip2/libbzip2 version 1.0.8 of 13 July 2019

1.669 netty 4.1.35.Final

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To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.
^L
Finally,
software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.
^L

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into another language. (Hereinafter, translation is
included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation
and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under
the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and
can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of

a storage or distribution medium does not bring the other work under
the scope of this License.

3. You may opt to apply the terms
of the ordinary GNU General Public
License instead of this License to a given copy of the Library. To do
this, you must alter all the notices that refer to this License, so
that they refer to the ordinary GNU General Public License, version 2,
instead of to this License. (If a newer version than version 2 of the
ordinary GNU General Public License has appeared, then you can specify
that version instead if you wish.) Do not make any other change in
these notices.
^L
Once this change is made in a given copy, it is irreversible for
that copy, so the ordinary GNU General Public License applies to all
subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of
the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or
derivative of it, under Section 2) in object code or executable form
under the terms of Sections 1 and 2 above provided that you accompany
it with the
complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
linked with it, is called a "work that uses the Library". Such a
work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library
creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a
"work that uses the
library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file

that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute
the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.
^L
6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the

Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2)

will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.
^L
7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source
file to most
effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or

modify it under the terms of the GNU Lesser General Public
License as published by the Free Software Foundation; either
version 2 of the License, or (at your option) any later version.

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License along with this library; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor,
Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper
mail.

You should also get your employer (if you work as a programmer) or
your
school, if any, to sign a "copyright disclaimer" for the library, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
library `Frob' (a library for tweaking knobs) written by James
Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected
in released code until Nov 2009 - slow release cycle...)

Discussion thread from mailing list archive, with approval from everyone actively
involved or holding original licensing rights included.

[Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML
looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=
r=20
GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
=2Dmike

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18
I understand that, and you're welcome to bring it up with Alec directly
and see if he wants to relicense his code as LGPL... but at this point,
it was enough to just get it consistent and documented as to what it was
released under. This wasn't actually a license change, just a
clarification of the licensing that was already in place.=20

-- Nathan
=20

Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:15 PM
> To: cracklib-devel@li...
> Subject: [Cracklib-devel] cracklib license
>=20
> looks like 2.8.11 is out and marked as "GPL-2" ... releasing
> libraries under
> GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
> -mike

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

Attachments: Message as HTML
On Monday 01 October 2007, Neulinger, Nathan
wrote:
> I understand that, and you're welcome to bring it up with Alec directly
> and see if he wants to relicense his code as LGPL... but at this point,
> it was enough to just get it consistent and documented as to what it was
> released under. This wasn't actually a license change, just a
> clarification of the licensing that was already in place.

the original license (before moving to sourceforge -- aka, 2.7) was not=20
GPL-2 ... it was a modified artistic license ... i didnt notice the license=
=20
change until it was mentioned in the latest notes.

unlike the old license, GPL-2 prevents people from using cracklib unless th=
eir=20
applications are also GPL-2 which imo is just wrong. it isnt the place of =
a=20
library to dictact to application writes what license they should be using.=
=20
thus LGPL-2.1 enters to fill this void.
=2Dmike

Re: [Cracklib-devel]
cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46
Seems like the ideal thing here would be for you and the other distro
maintainers to get together with Alec in a conversation and come to a
decision as to what licensing scheme y'all want. I haven't really done
much other than cleaning up the packaging and patches and a small bit of
additional code, so whatever licensing y'all come up with is fine by me.

-- Nathan
=20

Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:33 PM
> To: Neulinger, Nathan
> Cc: cracklib-devel@li...; Alec Muffett
> Subject: Re: [Cracklib-devel] cracklib license
>=20
> On Monday 01 October 2007, Neulinger, Nathan wrote:
> > I understand that, and you're welcome to bring it up with Alec
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> > and see if he wants to relicense his code as LGPL... but at this
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> > it was enough to just get it consistent and documented as to what
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> > released under. This wasn't actually a license change, just a
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> not
> GPL-2 ... it was a modified artistic license ... i didnt notice the

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> change until it was mentioned in the latest notes.
>=20
> unlike the old license, GPL-2 prevents people from using cracklib
> unless their
> applications are also GPL-2 which imo is just wrong. it isnt the
> place of a
> library
to dictact to application writes what license they should
> be using.
> thus LGPL-2.1 enters to fill this void.
> -mike

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57
> Seems like the ideal thing here would be for you and the other distro
> maintainers to get together with Alec in a conversation and come to a
> decision as to what licensing scheme y'all want. I haven't really done
> much other than cleaning up the packaging and patches and a small
> bit of
> additional code, so whatever licensing y'all come up with is fine
> by me.

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be
linked with any code, not just GPL...

-a

Re: [Cracklib-devel] cracklib license
From: Devin Reade <gdr@gn...> - 2007-10-02 15:04
I would like to see it under LGPL as well. I
think it is in everyone's
best interests to have as secure systems as possible, and I think tainting
it via GPL will just make it less likely that the library gets used, and
will not usually cause companies/developers to GPL the dependent code
(where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct
license in this situation.

Devin
--
If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license
From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32
On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
> > Seems like the ideal thing here would be for you and the other distro
> > maintainers to get together with Alec in a conversation and come to a
> > decision as to what licensing scheme y'all want. I haven't really done
> > much other than cleaning up the packaging and patches and a small
> > bit of
> > additional
code, so whatever licensing y'all come up with is fine
> > by me.
>
> I am sympathetic. Guys, what do you reckon?
>
> What I am hearing so far is that LGPL makes sense, since it can be
> linked with any code, not just GPL...

My apologies for not chiming in in anything resembling a reasonable
timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately,
GPLv2 with the option of using the library under a later version of the
GPL would permit applications which were released under version 3 of the
GPL to use the library, too, which would be sufficient for the packages
which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML

On Monday 28 January 2008, Nalin Dahyabhai wrote:
> On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
> > > Seems like the ideal thing here would be for you and the other distro
> > > maintainers to get together with Alec in a conversation and come to a
> > > decision as to what licensing scheme y'all want. I haven't really done
> > > much other than cleaning up the packaging and patches and a small
> > > bit of
> > > additional code, so whatever licensing y'all come up with is fine
> > > by me.

> >
> > I am sympathetic. Guys, what do you reckon?
> >
> > What I am hearing so far is that LGPL makes sense, since it can be
> > linked with any code, not just GPL...
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> My apologies for not chiming in in anything resembling a reasonable
> timeframe.
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the library under a later version of the
> GPL would permit applications which were released under version 3 of the
> GPL to use the library, too, which would be sufficient for the packages
> which are included in Fedora. FWIW, I'd personally lean toward LGPL.
>
> In any case, I thank you both for working on sorting this out.

looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make
the change now ?
-mike

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18
>> In any case, I thank you both for working on sorting this out.
>
> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make
> the change now ?

yes. go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34

Attachments: Message as HTML
On Sunday 05 October
2008, Alec Muffett wrote:
> >> In any case, I thank you both for working on sorting this out.
> >
> > looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we
> > make the change now ?
>
> yes. go for it. thanks++

Nathan Neulinger is the only one who can actually make said change ...
-mike

BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.

CrackLib was originally licensed with a variant of the Artistic license. In the
interests of wider acceptance and more modern licensing, it was switched with
the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed
as of 2007-10-01 with the following email from Alec Muffett.

The below email references nneul@umr.edu address, as that is the address
that was used at the time. For any future emails regarding this, please
use nneul@neulinger.org.

From
 alecm@crypticide.com Mon Oct 1 12:26:03 2007
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
  Mon, 1 Oct 2007 12:26:03 -0500
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
  Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
Received: from smtp1.srv.mst.edu (131.151.1.43)
 by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])
 by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id l91Gxtpr020623
 for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
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 by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311
 for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)
Received: from
 [82.68.43.14] (helo=[192.168.1.3])
 by rutherford.zen.co.uk with esmtp (Exim 4.50)
 id 1IcOcX-0004Qt-6L
 for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>

References: <1190922867.3457.147.camel@localhost.localdomain>
<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>
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Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFEBE6E9F@crypticide.com>
Content-Transfer-Encoding: 7bit
From: Alec Muffett <alecm@crypticide.com>
Subject: Re: cracklib license
Date: Mon, 1 Oct 2007 17:59:46 +0100
To: Nathan Neulinger <nneul@neulinger.org>
X-Mailer: Apple Mail (2.752.2)
X-Originating-Rutherford-IP: [82.68.43.14]
Return-Path: alecm@crypticide.com
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]
Status: RO
Content-Length:
585
Lines: 21

>
> ---------- Forwarded message ----------
> From: Neulinger, Nathan <nneul@umr.edu>
> Date: Sep 27, 2007 2:58 PM
> Subject: RE: cracklib license
> To: alecm@crypto.dircon.co.uk
>
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> that the license is being changed to GPL, so I could include that
> email
> in the repository and clean up the repository/tarballs? I have all the
> original discussion, but something succinct and self contained
> would be
> ideal.

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Happy now? :-)

-a

1.671 jackson-annotations 2.10.5

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1.672 mina 2.0.0-RC1

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1.673 spring-ldap 1.3.0.RELEASE

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* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-

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* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/NoSuchAttributeException.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/transaction/compensating/RebindOperationExecutor.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/core/support/BaseLdapPathBeanPostProcessor.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/AttributeInUseException.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/core/NameClassPairCallbackHandler.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/transaction/compensating/NullOperationExecutor.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/NoInitialContextException.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/core/LdapEntryIdentification.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/core/ContextAssembler.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/InvalidSearchControlsException.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/OperationNotSupportedException.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/AuthenticationException.java

* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/transaction/compensating/RenameOperationExecutor.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/filter/OrFilter.java
*
 /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/core/support/CountNameClassPairCallbackHandler.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/transaction/compensating/support/AbstractCompensatingTransactionManagerDelegate.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/transaction/compensating/CompensatingTransactionOperationExecutor.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/AuthenticationNotSupportedException.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/InvalidAttributeIdentifierException.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/core/support/BaseLdapPathContextSource.java
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 /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/transaction/compensating/LdapCompensatingTransactionOperationFactory.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/ConfigurationException.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/pool/DelegatingDirContext.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/core/support/DefaultDirObjectFactory.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/control/PagedResultsRequestControl.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/core/DistinguishedName.java
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 /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/NamingSecurityException.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/core/support/BaseLdapPathAware.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/InsufficientResourcesException.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/core/simple/SimpleLdapOperations.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/core/LdapRdnComponent.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/filter/PresentFilter.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/core/DnParser.java
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* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/BadLdapGrammarException.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/filter/FilterEditor.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/transaction/compensating/LdapTransactionUtils.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/control/SortControlDirContextProcessor.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/filter/LikeFilter.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/core/LdapEntryIdentificationContextMapper.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/filter/LessThanOrEqualsFilter.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/transaction/compensating/RenameOperationRecorder.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/transaction/compensating/UnbindOperationRecorder.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/core/support/AbstractTlsDirContextAuthenticationStrategy.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/SchemaViolationException.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/transaction/compensating/support/DifferentSubtreeTempEntryRenamingStrategy.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/test/ContextSourceEc2InstanceLaunchingFactoryBean.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/control/PagedResult.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/CannotProceedException.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/pool/DirContextType.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/core/support/AbstractContextSource.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/core/ObjectRetrievalException.java
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* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/core/support/BaseLdapPathSource.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/pool/validation/DirContextValidator.java
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* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-

jar/org/springframework/ldap/pool/factory/PoolingContextSource.java
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* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/core/simple/SimpleLdapTemplate.java
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* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/transaction/compensating/CompensatingTransactionOperationFactory.java
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* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/SizeLimitExceededException.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/core/SearchExecutor.java
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* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/test/AttributeCheckContextMapper.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/transaction/compensating/RebindOperationRecorder.java
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jar/org/springframework/transaction/compensating/CompensatingTransactionOperationRecorder.java
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* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/PartialResultException.java
* /opt/ws_local/PERMITS_SQL/1075319256_1596107143.88/0/spring-ldap-1-3-0-release-sources-1-jar/org/springframework/ldap/core/support/AbstractContextMapper.java
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1.674 guava 26.0-android

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Found in path(s):
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/net/InetAddresses.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/thirdparty/publicsuffix/TrieParser.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/Converter.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/CharMatcher.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/primitives/Bytes.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/primitives/Shorts.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/io/FileBackedOutputStream.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/escape/Escaper.java

* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/primitives/Doubles.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/ListenableFutureTask.java
*
 /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/primitives/Floats.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/CheckedFuture.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/internal/Finalizer.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/primitives/Longs.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/Joiner.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/primitives/Chars.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/primitives/Booleans.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/io/MultiReader.java
*
 /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/net/PercentEscaper.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/primitives/Ints.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/escape/UnicodeEscaper.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/SequentialExecutor.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/AbstractCheckedFuture.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/FluentIterable.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/Stopwatch.java
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*/
/**
* Holder for extra methods of {@code Objects} only in web. Intended to be empty for regular
* version.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/ExtraObjectsMethodsForWeb.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/io/package-info.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/ListenableFuture.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/FinalizablePhantomReference.java
*
 /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/Objects.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/FinalizableReference.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/Supplier.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/Defaults.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/ExecutionList.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-

jar/com/google/common/io/LineReader.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/eventbus/DeadEvent.java
*
/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/eventbus/AsyncEventBus.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/FinalizableSoftReference.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/io/LittleEndianDataOutputStream.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/Throwables.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/eventbus/package-info.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/eventbus/EventBus.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/io/CountingOutputStream.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/Preconditions.java
*
/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/Functions.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/io/ByteStreams.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/Charsets.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/package-info.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/eventbus/AllowConcurrentEvents.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/primitives/Primitives.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/Function.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/package-info.java
*
/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/Predicate.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/eventbus/Subscribe.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/io/Files.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/io/Closeables.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/HashBiMap.java

* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/Suppliers.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/io/LineBuffer.java
*
 /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/io/CharStreams.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/io/MultiInputStream.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/io/Resources.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/io/CountingInputStream.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/io/Flushables.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/io/LittleEndianDataInputStream.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/FinalizableWeakReference.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/AbstractIterator.java
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 /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/AbstractFuture.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/Interners.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/Predicates.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/EnumMultiset.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/FinalizableReferenceQueue.java
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```
*/
/*
  * This method was rewritten in Java from an intermediate step of the Murmur hash function in
  * http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp, which contained the
  * following header:
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  */
```

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/Hashing.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/primitives/ImmutableDoubleArray.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/hash/AbstractHashFunction.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/ForwardingLock.java
*
 /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/primitives/ImmutableIntArray.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/ForwardingCondition.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/primitives/ImmutableLongArray.java
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```
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*/
/*
  * This method was written by Doug Lea with assistance from members of JCP JSR-166 Expert Group
  * and released to the public domain, as explained at
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  *
  * As of 2010/06/11, this method is identical to the (package private) hash method in OpenJDK 7's
  * java.util.HashMap
 class.
  */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-
jar/com/google/common/util/concurrent/Striped.java
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*/
/*
  * This method was rewritten in Java from an intermediate step of the Murmur hash function in
  * http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp, which contained the
  * following header:
  *
  * MurmurHash3 was written by Austin Appleby, and is placed in the public domain. The author

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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/SmallCharMatcher.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/hash/Murmur3_32HashFunction.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/EmptyContiguousSet.java
*
/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/cache/Weigher.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/hash/AbstractStreamingHasher.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/hash/Funnels.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/UncheckedExecutionException.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/Absent.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/net/MediaType.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/AtomicLongMap.java
*

/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/cache/Cache.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/ExecutionError.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/hash/HashingOutputStream.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/cache/AbstractCache.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/cache/CacheLoader.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/TreeRangeSet.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/hash/Murmur3_128HashFunction.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/ForwardingListeningExecutorService.java
*
/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/cache/RemovalCause.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/hash/Funnel.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/math/IntMath.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/FutureCallback.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/hash/HashCode.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/hash/Hashing.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/cache/ForwardingCache.java
*
/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/AbstractScheduledService.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/math/BigIntegerMath.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/net/HttpHeaders.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/hash/BloomFilter.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/reflect/TypeParameter.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/ListeningScheduledExecutorService.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/cache/package-info.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/ForwardingExecutorService.java

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/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/Ticker.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/AsyncFunction.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/math/MathPreconditions.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/math/package-info.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/Uninterruptibles.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/Present.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/cache/CacheStats.java
*
/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/WrappingExecutorService.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/hash/AbstractCompositeHashFunction.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/primitives/ParseRequest.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/math/DoubleMath.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/hash/AbstractHasher.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/primitives/UnsignedLong.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/Enums.java
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/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/cache/RemovalNotification.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/primitives/UnsignedInts.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/BoundType.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/Queues.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/hash/PrimitiveSink.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/PairwiseEquivalence.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/DescendingImmutableSortedMultiset.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/hash/BloomFilterStrategies.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/cache/CacheBuilderSpec.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/RegularImmutableMultiset.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/cache/AbstractLoadingCache.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/cache/LoadingCache.java
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/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/hash/Crc32cHashFunction.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/hash/AbstractNonStreamingHashFunction.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/RegularContiguousSet.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/CycleDetectingLockFactory.java
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/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/net/HostAndPort.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/AbstractListeningExecutorService.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/annotations/Beta.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/ThreadFactoryBuilder.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/Monitor.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/ListeningExecutorService.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/net/package-info.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ContiguousSet.java

* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/Equivalence.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/Ascii.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-

jar/com/google/common/collect/AbstractSortedKeySortedSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/TransformedIterator.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/UnmodifiableSortedMultiset.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/SortedMultisetBridge.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/TransformedListIterator.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/FilteredKeyListMultimap.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/AllEqualOrdering.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/EvictingQueue.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ForwardingImmutableMap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ForwardingImmutableSet.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/AggregateFutureState.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/hash/LittleEndianByteArray.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/InterruptibleTask.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/hash/FarmHashFingerprint64.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/PredecessorsFunction.java
*
/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/MutableNetwork.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/Network.java

* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/ImmutableNetwork.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/Graph.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/ImmutableGraph.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/TopKSelector.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/MutableGraph.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/SortedMultiset.java
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```

```
*/
/**
* Outer class that exists solely to let us write {@code Partially.GwtIncompatible} instead of plain
* {@code GwtIncompatible}. This is more accurate for {@link Futures#catching}, which is available
* under GWT but with a slightly different signature.
*
* <p>We can't use {@code PartiallyGwtIncompatible} because then the GWT compiler
 wouldn't recognize
* it as a {@code GwtIncompatible} annotation. And for {@code Futures.catching}, we need the GWT
* compiler to autostrip the normal server method in order to expose the special, inherited GWT
* version.
*/
```

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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/EmptyImmutableSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ImmutableEnumSet.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/SingletonImmutableTable.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ImmutableAsList.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/RegularImmutableList.java

* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ImmutableSortedSetFauxverideShim.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/RegularImmutableSortedSet.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ArrayTable.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/AbstractIndexedListIterator.java
*
/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ImmutableClassToInstanceMap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ComputationException.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ForwardingTable.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ImmutableSortedMap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ImmutableTable.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/DiscreteDomain.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ComparisonChain.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/math/PairedStatsAccumulator.java
*

/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/FilteredKeyMultimap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/cache/LongAddable.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/reflect/ClassPath.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/io/ByteSource.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ImmutableRangeMap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/cache/LongAddables.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/hash/LongAddables.java
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/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/reflect/AbstractInvocationHandler.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/math/LinearTransformation.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/html/package-info.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/reflect/package-info.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/math/StatsAccumulator.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/hash/LongAddable.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/reflect/MutableTypeToInstanceMap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/hash/ChecksumHashFunction.java
*
/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/CartesianList.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/ListenableScheduledFuture.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/reflect/Parameter.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/xml/package-info.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/SmoothRateLimiter.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/hash/AbstractByteHasher.java
*

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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/reflect/TypeCapture.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/reflect/ImmutableTypeToInstanceMap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ImmutableRangeSet.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/io/CharSource.java
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/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/RateLimiter.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/io/Closer.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/ServiceManager.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/math/PairedStats.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/reflect/Element.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/math/Stats.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/io/CharSink.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ForwardingMultiset.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ForwardingSortedMap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/MutableClassToInstanceMap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/SortedSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ForwardingSet.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/Multimap.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/SetMultimap.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/SingletonImmutableSet.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ReverseOrdering.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/BiMap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/EnumBiMap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/LinkedHashMultiset.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/AbstractListMultimap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/CompoundOrdering.java
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/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/Synchronized.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/LexicographicalOrdering.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ForwardingMap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ForwardingListIterator.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/AbstractMultiset.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/AbstractIterator.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ListMultimap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/NullsFirstOrdering.java
*
/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/Interner.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/UsingToStringOrdering.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ComparatorOrdering.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/AbstractMapBasedMultimap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/TreeMultimap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/AbstractMapEntry.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/Iterables.java
*
/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/Multisets.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/TreeMultiset.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ClassToInstanceMap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ArrayListMultimap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/Iterators.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/package-info.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/NaturalOrdering.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/AbstractSetMultimap.java

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/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/LinkedHashMultimap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/Multiset.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ForwardingIterator.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ExplicitOrdering.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/HashMultimap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/RegularImmutableSet.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ImmutableSet.java
*
/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ForwardingSortedSet.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/AbstractBiMap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ForwardingMapEntry.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ForwardingCollection.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/MapDifference.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ForwardingQueue.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ReverseNaturalOrdering.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/ListenerCallQueue.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/MoreObjects.java
*
 /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/eventbus/Subscriber.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/eventbus/Dispatcher.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/math/Quantiles.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/eventbus/SubscriberRegistry.java
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*/
/**
  * Returns an array containing all of the elements in the specified collection. This method
  * returns the elements in the order they are returned by the collection's iterator. The returned
  * array is "safe" in that no references to it are maintained by the collection. The caller is
  * thus free to modify the returned
 array.
  *
  * <p>This method assumes that the collection size doesn't change while the method is running.
  *
  * <p>TODO(kevinb): support concurrently modified collections?
  *
  * @param c the collection for which to return an array of elements
  */
```

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-

jar/com/google/common/collect/ObjectArrays.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/GwtTransient.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ImmutableMapValues.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-

jar/com/google/common/collect/Table.java
*
/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ImmutableSortedSet.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ImmutableEntry.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/Collections2.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ImmutableMultiset.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/UnmodifiableIterator.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/StandardRowSortedTable.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/HashBasedTable.java
*
/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/Serialization.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/thirdparty/publicsuffix/PublicSuffixPatterns.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/PeekingIterator.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/CollectPreconditions.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/TreeBasedTable.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/EmptyImmutableListMultimap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ImmutableMultimap.java
*
/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/StandardTable.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/Range.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ImmutableBiMap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ImmutableMapKeySet.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ImmutableMap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/Tables.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/RegularImmutableMap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ImmutableMapEntrySet.java

*
/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ImmutableCollection.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/Platform.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/RegularImmutableBiMap.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/DirectedMultiNetworkConnections.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/HashMultimapGwtSerializationDependencies.java
*
/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/ConfigurableNetwork.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/ImmutableValueGraph.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/DirectedNetworkConnections.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/EndpointPairIterator.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/EndpointPair.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/GraphConnections.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/UndirectedGraphConnections.java
*

/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ArrayListMultimapGwtSerializationDependencies.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/NetworkConnections.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/AbstractUndirectedNetworkConnections.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/ForwardingNetwork.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/ElementOrder.java
*
/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/ValueGraph.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/ForwardingGraph.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/ConfigurableMutableGraph.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/ConfigurableValueGraph.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/ValueGraphBuilder.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/NetworkBuilder.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/Comparators.java
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/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/LinkedHashMultimapGwtSerializationDependencies.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/MapIteratorCache.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/DirectedGraphConnections.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/MutableValueGraph.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/AbstractGraphBuilder.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/UndirectedNetworkConnections.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/MultiEdgesConnecting.java
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/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ImmutableMultisetGwtSerializationDependencies.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/UndirectedMultiNetworkConnections.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/EdgesConnecting.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/ConfigurableMutableNetwork.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/ConfigurableMutableValueGraph.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/MapRetrievalCache.java
*
 /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/AbstractGraph.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/RangeGwtSerializationDependencies.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/GraphBuilder.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/AbstractNetwork.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/AtomicDoubleArray.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/Utf8.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/eventbus/SubscriberExceptionContext.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/Verify.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/io/CharSequenceReader.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/Runnables.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/reflect/TypeVisitor.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/AbstractTable.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/VerifyException.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/FilteredMultimapValues.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/thirdparty/publicsuffix/PublicSuffixType.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/hash/HashingInputStream.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/WrappingScheduledExecutorService.java
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/**
  * Not supported. <b>You are attempting to create a map that may contain a non-{@code Comparable}
  * key.</b> Proper calls will resolve to the version in {@code ImmutableSortedMap}, not this dummy
  * version.
  *
  * @throws UnsupportedOperationException always
  * @deprecated <b>Pass a key of type {@code Comparable}
 to use {@link
  *     ImmutableSortedMap#of(Comparable, Object)}.</b>
  */
```

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ImmutableSortedMapFauxverideShim.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/BaseImmutableMultimap.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/base/CaseFormat.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/CollectionFuture.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/GwtFluentFutureCatchingSpecialization.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/TimeLimiter.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/ImmediateFuture.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/FluentFuture.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/FuturesGetChecked.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/annotations/VisibleForTesting.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/AggregateFuture.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/TimeoutFuture.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/GwtFuturesCatchingSpecialization.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/SimpleTimeLimiter.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/Futures.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/AbstractTransformFuture.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/FakeTimeLimiter.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-

jar/com/google/common/reflect/TypeToken.java
*
 /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/UncheckedTimeoutException.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/io/PatternFilenameFilter.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/io/AppendableWriter.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/escape/CharEscaperBuilder.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/util/concurrent/AbstractCatchingFuture.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ForwardingListMultimap.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/MinMaxPriorityQueue.java
*
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/UnmodifiableListIterator.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/SortedMapDifference.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/RowSortedTable.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ForwardingImmutableCollection.java

* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/AbstractSequentialIterator.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/GeneralRange.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/Count.java
*

/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/RegularImmutableSortedMultiset.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/SortedIterable.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/SortedIterables.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/AbstractRangeSet.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/RangeSet.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ImmutableSortedMultiset.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/collect/ImmutableSortedMultisetFauxverideShim.java
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* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/AbstractBaseGraph.java
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/opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/Traverser.java
* /opt/ws_local/PERMITS_SQL/1075319405_1596107054.08/0/guava-26-0-android-sources-1-jar/com/google/common/graph/BaseGraph.java

1.675 jackson-datatype-jsr310 2.9.9

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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1078286973_1597285663.32/0/jackson-mapper-asl-1-9-13-sources-2-jar/org/codehaus/jackson/map/MappingJsonFactory.java

1.684 go-md2man 2.0.0

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1.685 xz 5.2.2-1.3

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Origin: gettext-runtime/po/Makevars (gettext-0.12)

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/**
  * Retrieves constraint related meta data for the parameters of the given
  * executable.
  *
  * @param executable The executable of interest.
  *
  * @return A list with parameter meta data for the given executable.
  */

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* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/util/privilegedactions/GetClassLoader.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/future/FutureValidatorForReadableInstant.java
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/opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/hv/br/CPFValidator.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/util/logging/formatter/CollectionOfClassesObjectFormatter.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/cfg/context/Constrainable.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/engine/messageinterpolation/util/InterpolationHelper.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/InterpolationTermState.java
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/opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/metadata/BeanMetaDataManager.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/xml/MappingXmlParser.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/util/StringHelper.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/xml/ValidationXmlParser.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/metadata/raw/AbstractConstrainedElement.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/metadata/aggregated/MetaDataBuilder.java
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* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/constraints/LuhnCheck.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/cfg/defs/pl/NIPDef.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/cfg/context/ConstraintDefinitionContext.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/constraints/Mod10Check.java
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jar/org/hibernate/validator/internal/engine/constraintvalidation/ConstraintValidatorManager.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/metadata/core/MetaConstraint.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/util/logging/LoggerFactory.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/cfg/context/ConstraintDefinitionTarget.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/hv/NotBlankValidator.java
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/opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/hv/pl/PESELValidator.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/metadata/raw/ConstrainedField.java
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* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/metadata/aggregated/PropertyMetaData.java
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/opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArraysOfBoolean.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/cfg/context/ConstraintDefinitionContextImpl.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/metadata/core/ConstraintHelper.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/past/PastValidatorForCalendar.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/metadata/raw/ConfigurationSource.java
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/opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/cfg/defs/AssertFalseDef.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/xml/ConstrainedTypeBuilder.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/constraints/URL.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/hv/pl/REGONValidator.java
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* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/util/privilegedactions/GetAnnotationParameter.java
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* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/cfg/defs/SafeHtmlDef.java
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/opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/metadata/raw/ConstrainedType.java
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* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/engine/valuehandling/TypeResolverBasedValueUnwrapper.java
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* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/xml/ClassLoadingHelper.java
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* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/package-info.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/engine/messageinterpolation/el/RootResolver.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/past/PastValidatorForDate.java
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* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/engine/messageinterpolation/InterpolationTerm.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArraysOfLong.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/engine/constraintvalidation/ConstraintTree.java
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/cfg/context/AnnotationProcessingOptions.java
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* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/internal/engine/MethodValidationConfiguration.java
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* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/group/GroupSequenceProvider.java
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* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/cfg/defs/DecimalMinDef.java
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```
/*
* Hibernate Validator, declare and validate application constraints
*
* License: Apache License, Version 2.0
* See the license.txt file in the root directory or <http://www.apache.org/licenses/LICENSE-2.0>.
*/
/**
* <p>
* A method-level constraint, that evaluates a script expression against the
* annotated method or constructor. This constraint can be used to implement
* validation routines that depend on several parameters of the annotated
* executable.
* </p>
* <p>
* Script expressions can be written in any scripting or expression language,
* for which a <a href="http://jcp.org/en/jsr/detail?id=223">JSR 223</a>
* ("Scripting for the Java<sup>TM</sup> Platform") compatible engine can be
* found on the classpath. To refer to a parameter within the scripting
* expression, use its name as obtained by the active
* {@link javax.validation.ParameterNameProvider}. By default, {@code arg0}, {@code arg1}
 etc.
* will be used as parameter names.
* </p>
* <p>
* The following listing shows an example using the JavaScript engine which
* comes with the JDK:
* </p>
* <pre>
* {@code @ParameterScriptAssert(script = "arg0.before(arg1)", lang = "javascript")
* public void createEvent(Date start, Date end) { ... }
* }
* </pre>
* <p>
* Can be specified on any method or constructor.
* </p>
*
* @author Gunnar Morling
*/
```

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1082105871_1597864153.79/0/hibernate-validator-5-4-2-final-sources-2-jar/org/hibernate/validator/constraints/ParameterScriptAssert.java

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Version 3, 29 June 2007

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file_io/unix/mktemp.c, strings/apr_strings.c:

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From network_io/unix/inet_ntop.c, network_io/unix/inet_pton.c:

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From dso/aix/dso.c:

```
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```

From strings/apr_strnatcmp.c,
include/apr_strings.h:

```
strnatcmp.c -- Perform 'natural order' comparisons of strings in C.
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```

From
strings/apr_snprintf.c:

```
 *
 * cvt - IEEE floating point formatting routines.
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 *
```

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1.690 atk 2.35.1-1ubuntu2

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1.691 libxcursor 1.2.0-2

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1.692 at-spi2-core 2.36.0-2

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*
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man/bitstring.3bsd
man/errc.3bsd
man/explicit_bzero.3bsd
man/fgetln.3bsd
man/fgetwln.3bsd
man/fpurge.3bsd
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man/strmode.3bsd
man/strnstr.3bsd
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man/vis.3bsd
man/wcslcpy.3bsd
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1.707 bcpkix-fips 1.0.3

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```
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   * </p>
   * <p>
   * Known suffixes is a list of public domain suffixes that can't be used as wild cards for
   * example *.com, or c*c.com, as a dns wildcard could match every/most .com domains if a registrar were issue it.
   * If *.com is in the known suffixes list will not be allowed to match.
   * </p>
   *
   * @param knownSuffixes a set of suffixes that cannot be wild-carded, e.g. { ".com", ".net", ".org" }
   */
```

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1.708 netty 4.1.52.Final

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1.709 jctools-core 3.1.0

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<url>https://github.com/JCTools</url>
<inceptionYear>2013</inceptionYear>

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</licenses>

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</scm>

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 </developer>
 <developer>
  <url>https://github.com/mjpt777</url>
 </developer>
 <developer>
  <url>https://github.com/RichardWarburton</url>
 </developer>
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  <url>https://github.com/kay</url>
 </developer>
 <developer>
  <url>https://github.com/franz1981</url>
 </developer>
</developers>

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 <junit.version>4.12</junit.version>
 <guava-testlib.version>21.0</guava-testlib.version>
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Found

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*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/spec/Ordering.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpscUnboundedAtomicArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpmcAtomicArrayQueue.java
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* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/MpmcAtomicArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/util/UnsafeJvmInfo.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/LinkedQueueAtomicNode.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/SpscLinkedQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscUnboundedXaddArrayQueue.java
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* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MessagePassingQueue.java
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/SupportsIterator.java

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1.710 nghttp2 1.30.0-1ubuntu1

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set yrange [0:]
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set xtics rotate by -45
set style histogram errorbars gap 2 lw 1
set style fill solid border -1
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1.711 java-common 0.68ubuntu1~18.04.1

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1.714 libx11 1.6.4-3ubuntu0.2

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The End

1.718 commons-lang3 3.1

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1.721 zstd 1.4.3

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1.724 guava 30.0-jre

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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/TopKSelector.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/graph/SuccessorsFunction.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/io/RecursiveDeleteOption.java
*
 /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/graph/Network.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/graph/PredecessorsFunction.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/graph/Graphs.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/graph/MutableNetwork.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/io/InsecureRecursiveDeleteException.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-

jar/com/google/common/graph/ImmutableGraph.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/graph/MutableGraph.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/graph/ImmutableNetwork.java
*
/opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/graph/Graph.java
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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/LinkedHashMultimap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/Multimaps.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/Multisets.java
*
/opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/ReverseNaturalOrdering.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/ClassToInstanceMap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/AbstractSetMultimap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/AbstractSortedSetMultimap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/MutableClassToInstanceMap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/ForwardingMultimap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/NullsFirstOrdering.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-

jar/com/google/common/collect/ForwardingListIterator.java
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jar/com/google/common/collect/ArrayListMultimap.java
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jar/com/google/common/collect/LinkedListMultimap.java

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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/NaturalOrdering.java
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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ImmutableList.java
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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/UsingToStringOrdering.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/SortedSetMultimap.java
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jar/com/google/common/collect/ByFunctionOrdering.java
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jar/com/google/common/collect/package-info.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/SetMultimap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/TreeMultiset.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/ExplicitOrdering.java
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jar/com/google/common/collect/EnumHashBiMap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/AbstractIterator.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/Ordering.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/ForwardingSortedMap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/MapDifference.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/CompoundOrdering.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/AbstractMapBasedMultiset.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/ForwardingMapEntry.java
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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-

jar/com/google/thirdparty/publicsuffix/PublicSuffixPatterns.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/PeekingIterator.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/StandardTable.java
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/opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/Platform.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ImmutableMapKeySet.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ImmutableMapValues.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ImmutableMultimap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/RegularImmutableBiMap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/Serialization.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ImmutableCollection.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/HashBasedTable.java
*
/opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/SingletonImmutableBiMap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/Tables.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ImmutableMap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ImmutableMapEntrySet.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/UnmodifiableIterator.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/Table.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/Collections2.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ImmutableSortedSet.java
*
/opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/EmptyImmutableListMultimap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ImmutableMultiset.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ImmutableBiMap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ImmutableListMultimap.java

* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/RegularImmutableMap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/TreeBasedTable.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/CollectPreconditions.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/Range.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ImmutableEntry.java
*
 /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/StandardRowSortedTable.java
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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/IndexedImmutableSet.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/JdkBackedImmutableMap.java
*
 /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/BaseImmutableMultimap.java
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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/eventbus/Dispatcher.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/base/MoreObjects.java
*
 /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/eventbus/Subscriber.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/math/Quantiles.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/TrustedListenableFutureTask.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/ListenerCallQueue.java

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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/GwtFuturesCatchingSpecialization.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/GwtFluentFutureCatchingSpecialization.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/FuturesGetChecked.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/AggregateFuture.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/TimeLimiter.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/base/CaseFormat.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/io/PatternFilenameFilter.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/escape/CharEscaper.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/FluentFuture.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/reflect/TypeToken.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/io/AppendableWriter.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/UncheckedTimeoutException.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/FakeTimeLimiter.java

* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/annotations/VisibleForTesting.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/SimpleTimeLimiter.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/CollectionFuture.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/AbstractCatchingFuture.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/TimeoutFuture.java
*
 /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/AbstractTransformFuture.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/Futures.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/escape/CharEscaperBuilder.java
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*/
/**
* Holder for web specializations of methods of {@code Shorts}. Intended to be empty for regular
* version.
*/

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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/primitives/ShortsMethodsForWeb.java
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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/SortedMultiset.java
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*/
/*
  * This method was written by Doug Lea with assistance from members of JCP JSR-166 Expert Group
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  *
  * As of 2010/06/11, this method is identical to the (package private) hash method in OpenJDK 7's
  * java.util.HashMap
 class.
  */

Found in path(s):
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/Striped.java
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*/
/**
  * Not supported. <b>You are attempting to create a map that may contain a non-{@code Comparable}
  * key.</b> Proper calls will resolve to the version in {@code ImmutableSortedMap}, not this dummy
  * version.
  *
  * @throws UnsupportedOperationException always
  * @deprecated <b>Pass a key of type {@code Comparable}
 to use {@link
  *     ImmutableSortedMap#of(Comparable, Object)}.</b>
  */
```

Found in path(s):
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ImmutableSortedMapFauxverideShim.java
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jar/com/google/common/collect/ForwardingSortedSetMultimap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/ForwardingSetMultimap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/SortedMapDifference.java
*
 /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/ForwardingImmutableCollection.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/MinMaxPriorityQueue.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/AbstractSequentialIterator.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/ForwardingListMultimap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/RowSortedTable.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/UnmodifiableListIterator.java
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jar/com/google/common/primitives/Doubles.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/primitives/Chars.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/primitives/Longs.java
*
 /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/primitives/Booleans.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/net/InetAddresses.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-

jar/com/google/common/base/Converter.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/base/CharMatcher.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/escape/Escaper.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/primitives/Ints.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/FluentIterable.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/escape/UnicodeEscaper.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/thirdparty/publicsuffix/TrieParser.java
*
 /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/util/concurrent/ListenableFutureTask.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/primitives/Shorts.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/net/PercentEscaper.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/base/Stopwatch.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/primitives/Bytes.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/base/Joiner.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/primitives/Floats.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/base/internal/Finalizer.java
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 /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/util/concurrent/SequentialExecutor.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/io/MultiReader.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/io/FileBackedOutputStream.java
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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/io/MoreFiles.java
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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/graph/StandardMutableNetwork.java
*
 /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/graph/AbstractNetwork.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/graph/MapRetrievalCache.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/graph/ForwardingNetwork.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/RangeGwtSerializationDependencies.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-

jar/com/google/common/graph/AbstractGraphBuilder.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/graph/EndpointPair.java
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jar/com/google/common/graph/StandardValueGraph.java
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jar/com/google/common/collect/HashMultimapGwtSerializationDependencies.java
*
/opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/graph/StandardNetwork.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/MoreCollectors.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/graph/EdgesConnecting.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/Comparators.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/CollectCollectors.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/LinkedHashMultimapGwtSerializationDependencies.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/graph/DirectedMultiNetworkConnections.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/graph/AbstractGraph.java
*
/opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/graph/UndirectedNetworkConnections.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/graph/AbstractUndirectedNetworkConnections.java
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jar/com/google/common/graph/StandardMutableGraph.java
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jar/com/google/common/graph/MutableValueGraph.java
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jar/com/google/common/graph/ValueGraph.java
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jar/com/google/common/graph/ImmutableValueGraph.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/ImmutableMultisetGwtSerializationDependencies.java
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jar/com/google/common/graph/ValueGraphBuilder.java
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jar/com/google/common/graph/EndpointPairIterator.java
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jar/com/google/common/graph/DirectedGraphConnections.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/ArrayListMultimapGwtSerializationDependencies.java

* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/graph/ForwardingGraph.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/graph/UndirectedMultiNetworkConnections.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/graph/ForwardingValueGraph.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/graph/MapIteratorCache.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/graph/AbstractValueGraph.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/graph/ElementOrder.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/graph/DirectedNetworkConnections.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/graph/GraphBuilder.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/graph/GraphConnections.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/graph/AbstractDirectedNetworkConnections.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/graph/MultiEdgesConnecting.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/graph/NetworkBuilder.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/graph/UndirectedGraphConnections.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/graph/StandardMutableValueGraph.java

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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/base/CommonMatcher.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/base/PatternCompiler.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/base/JdkPattern.java

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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/HashBiMap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/io/Resources.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/base/FinalizableSoftReference.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/io/LittleEndianDataInputStream.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/io/MultiInputStream.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/io/LineReader.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/package-info.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/primitives/Primitives.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/base/package-info.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/base/AbstractIterator.java

* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/base/FinalizablePhantomReference.java
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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/eventbus/DeadEvent.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/base/Suppliers.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/DirectExecutor.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/ExecutionList.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/eventbus/AsyncEventBus.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/io/CountingOutputStream.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/io/CountingInputStream.java
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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/eventbus/AllowConcurrentEvents.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/EnumMultiset.java
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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/hash/Java8Compatibility.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/OverflowAvoidingLockSupport.java
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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/GwtTransient.java
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jar/com/google/common/hash/HashingInputStream.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/base/Verify.java
*
 /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/FilteredMultimapValues.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/AbstractTable.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/base/VerifyException.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/reflect/TypeVisitor.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/util/concurrent/WrappingScheduledExecutorService.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/eventbus/SubscriberExceptionHandler.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/util/concurrent/Runnables.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/eventbus/SubscriberExceptionContext.java
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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/graph/AbstractBaseGraph.java
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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/JdkFutureAdapters.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/annotations/GwtIncompatible.java
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jar/com/google/common/hash/LongAdder.java
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jar/com/google/common/cache/Striped64.java
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Found in path(s):
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/primitives/Platform.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/Internal.java
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*/
/**
* Holder for web specializations of methods of {@code Doubles}. Intended to be empty for regular
* version.
*/

Found in path(s):
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/primitives/DoublesMethodsForWeb.java

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*/
/**
* Holder for web specializations of methods of {@code Floats}. Intended to be empty for regular
* version.
*/
```

Found in path(s):
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/primitives/FloatsMethodsForWeb.java
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*/
/**
* Holder for extra methods of {@code Objects} only in web. Intended to be empty for regular
* version.
*/
```

Found in path(s):
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/base/ExtraObjectsMethodsForWeb.java

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* limitations under the License.
*/
/*
  * This method was rewritten in Java from an intermediate step of the Murmur hash function in
  * http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp, which contained the
  * following header:
  *
  * MurmurHash3 was written by Austin Appleby, and is placed in the public domain. The author
  * hereby
 disclaims copyright to this source code.
  */
```

Found in path(s):
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/Hashing.java
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```

Found in path(s):
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/CompactHashing.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/graph/IncidentEdgeSet.java
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*/
/*
  * This following method is a modified version of one found in
  * http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/src/test/tck/AbstractExecutorServiceTest.java?revision=1.30
  * which contained the following notice:
  *
  * Written by Doug Lea with assistance from members of JCP JSR-166 Expert Group and released to
  *
 the public domain, as explained at http://creativecommons.org/publicdomain/zero/1.0/
  *
  * Other contributors include Andrew Wright, Jeffrey Hayes, Pat Fisher, Mike Judd.
  */
```

Found in path(s):
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/MoreExecutors.java
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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/CollectSpliterators.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ImmutableBiMapFauxverideShim.java
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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/AbstractRangeSet.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/Count.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/RangeSet.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ForwardingSortedMultiset.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ImmutableSortedMultisetFauxverideShim.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/SortedIterables.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/GeneralRange.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/RegularImmutableSortedMultiset.java

* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/SortedIterable.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/ImmutableSortedMultiset.java
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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/primitives/ImmutableLongArray.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/primitives/ImmutableDoubleArray.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/primitives/ImmutableIntArray.java
*
 /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/hash/AbstractHashFunction.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/util/concurrent/ForwardingCondition.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/util/concurrent/ForwardingLock.java
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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ImmutableSetMultimap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/SingletonImmutableTable.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ImmutableEnumSet.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/AbstractIndexedListIterator.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ImmutableClassToInstanceMap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ImmutableSortedSetFauxverideShim.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/SingletonImmutableList.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ComputationException.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ComparisonChain.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ImmutableAsList.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/RegularImmutableList.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/DiscreteDomain.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ForwardingTable.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ImmutableSortedMap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/RegularImmutableSortedSet.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ArrayTable.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/EmptyImmutableSetMultimap.java
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/**
* Outer class that exists solely to let us write {@code Partially.GwtIncompatible} instead of plain
* {@code GwtIncompatible}. This is more accurate for {@link Futures#catching}, which is available
* under GWT but with a slightly different signature.
*
* <p>We can't use {@code PartiallyGwtIncompatible} because then the GWT compiler
 wouldn't recognize
* it as a {@code GwtIncompatible} annotation. And for {@code Futures.catching}, we need the GWT
* compiler to autostrip the normal server method in order to expose the special, inherited GWT
* version.
*/

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jar/com/google/common/util/concurrent/UncheckedExecutionException.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-

jar/com/google/common/util/concurrent/AbstractScheduledService.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/hash/Hashing.java
*
 /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/Queues.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/TreeRangeSet.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/util/concurrent/CycleDetectingLockFactory.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/primitives/UnsignedLong.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/hash/Murmur3_32HashFunction.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/cache/CacheBuilderSpec.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/hash/AbstractStreamingHasher.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/primitives/UnsignedInteger.java
*
 /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/util/concurrent/Uninterruptibles.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/cache/AbstractCache.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/DescendingImmutableSortedMultiset.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/util/concurrent/AbstractListeningExecutorService.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/RegularContiguousSet.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/util/concurrent/WrappingExecutorService.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/math/MathPreconditions.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/math/package-
info.java
*
 /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/util/concurrent/ListeningScheduledExecutorService.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/cache/RemovalNotification.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/math/DoubleUtils.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/hash/HashFunction.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/net/HttpHeaders.java

* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/base/PairwiseEquivalence.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/ExecutionError.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/cache/package-info.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/base/Present.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/hash/Funnel.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/hash/MessageDigestHashFunction.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/net/MediaType.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/primitives/ParseRequest.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/hash/AbstractNonStreamingHashFunction.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/math/LongMath.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/cache/LoadingCache.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/AbstractSortedMultiset.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/hash/PrimitiveSink.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/hash/BloomFilter.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/hash/AbstractHasher.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/cache/RemovalCause.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/cache/Weigher.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/hash/BloomFilterStrategies.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/cache/Cache.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/ForwardingExecutorService.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/hash/Crc32cHashFunction.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/cache/ForwardingLoadingCache.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/EmptyContiguousSet.java

* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/cache/CacheStats.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/math/DoubleMath.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/hash/Murmur3_128HashFunction.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/FutureCallback.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/base/Enums.java
*
 /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/cache/ForwardingCache.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/hash/Hasher.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/net/HostAndPort.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/hash/HashingOutputStream.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/reflect/TypeParameter.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/ForwardingListeningExecutorService.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/AsyncFunction.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/hash/AbstractCompositeHashFunction.java
*
 /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/primitives/UnsignedInts.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/base/Optional.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/base/FunctionalEquivalence.java
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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/math/IntMath.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/cache/RemovalListeners.java
*

/opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/primitives/UnsignedLongs.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/BoundType.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/base/Ticker.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/reflect/Types.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/cache/CacheLoader.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/cache/RemovalListener.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/cache/AbstractLoadingCache.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/RegularImmutableMultiset.java
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/**
  * Returns an array containing all of the elements in the specified collection. This method
  * returns the elements in the order they are returned by the collection's iterator. The returned
  * array is "safe" in that no references to it are maintained by the collection. The caller is
  * thus free to modify the returned
 array.
  *
  * <p>This method assumes that the collection size doesn't change while the method is running.
  *
  * <p>TODO(kevinb): support concurrently modified collections?
  *
  * @param c the collection for which to return an array of elements
  */
```

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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ObjectArrays.java
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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/util/concurrent/ExecutionSequencer.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/JdkBackedImmutableSet.java
*

/opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/JdkBackedImmutableMultiset.java
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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ForwardingImmutableMap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/FilteredKeyListMultimap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/UnmodifiableSortedMultiset.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/TransformedIterator.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/AbstractSortedKeySortedSetMultimap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/ImmutableEnumMap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/SortedMultisetBridge.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/collect/EvictingQueue.java
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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-

jar/com/google/common/collect/FilteredKeySetMultimap.java
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jar/com/google/common/collect/DescendingMultiset.java
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jar/com/google/common/collect/FilteredEntrySetMultimap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/ForwardingImmutableSet.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/TreeRangeMap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/ForwardingNavigableSet.java
*
/opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/CompactLinkedHashMap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/FilteredSetMultimap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/FilteredEntryMultimap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/TransformedListIterator.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/CompactHashMap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/ForwardingDeque.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/util/concurrent/ForwardingBlockingDeque.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/DescendingImmutableSortedSet.java
*
/opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/TreeTraverser.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/RegularImmutableAsList.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/AbstractNavigableMap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/CompactLinkedHashSet.java
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jar/com/google/common/collect/AbstractMultimap.java
* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/collect/FilteredMultimap.java
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*/
/**
* Holder for web specializations of methods of {@code Ints}. Intended to be empty for regular
* version.
*/

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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-
jar/com/google/common/primitives/IntsMethodsForWeb.java
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/*
  * This method was rewritten in Java from an intermediate step of the Murmur hash function in
  * http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp, which contained the
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  */

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* /opt/cola/permits/1102081303_1603450661.12/0/guava-30-0-jre-sources-jar/com/google/common/base/SmallCharMatcher.java

1.725 jackson-jaxrs-base 2.11.3

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1.726 jasypt 1.9.3

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1.727 guava r05

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* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/collect/RegularImmutableBiMap.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/collect/EmptyImmutableListMultimap.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/util/concurrent/CheckedFuture.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/collect/EmptyImmutableSortedSet.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/primitives/Floats.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/primitives/Bytes.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/collect/ImmutableMap.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/collect/UnmodifiableIterator.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/collect/PeekingIterator.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/collect/EmptyImmutableMultiset.java
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 /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-
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jar/com/google/common/util/concurrent/AbstractCheckedFuture.java
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jar/com/google/common/net/InetAddresses.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-
jar/com/google/common/util/concurrent/ListenableFutureTask.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-
jar/com/google/common/primitives/Doubles.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-
jar/com/google/common/primitives/Longs.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-
jar/com/google/common/collect/Serialization.java
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jar/com/google/common/collect/ImmutableCollection.java
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jar/com/google/common/primitives/Ints.java
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jar/com/google/common/io/FileBackedOutputStream.java
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jar/com/google/common/primitives/Booleans.java
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jar/com/google/common/collect/ImmutableEntry.java
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jar/com/google/common/io/MultiReader.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-
jar/com/google/common/primitives/Shorts.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-
jar/com/google/common/collect/Collections2.java
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 /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-
jar/com/google/common/collect/EmptyImmutableMap.java
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jar/com/google/common/collect/RegularImmutableMap.java
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* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-
jar/com/google/common/collect/ImmutableListMultimap.java
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  * Wrapper around {@link System#arraycopy} so that it can be emulated
  * correctly in GWT.
  *
  * <p>It is only intended for the case {@code src} and {@code dest} are
  * different.  It also doesn't validate the types and indices.
  *
  * <p>As of GWT 2.0, The built-in {@link System#arraycopy} doesn't work
  * in general
 case.  See
  * http://code.google.com/p/google-web-toolkit/issues/detail?id=3621
  * for more details.
  */
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* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/annotations/GwtIncompatible.java
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* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/collect/AbstractIndexedIterator.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/collect/ImmutableSortedMap.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/primitives/UnsignedBytes.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/base/Splitter.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/net/InternetDomainName.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/collect/ImmutableSortedAsList.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/io/ByteArrayDataOutput.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/io/ByteArrayDataInput.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/collect/NullOutputException.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/util/concurrent/AbstractIdleService.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/base/Service.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/collect/ImmutableClassToInstanceMap.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/collect/ComparisonChain.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/collect/MapMaker.java
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* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/collect/ImmutableSortedMapFauxverideShim.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/annotations/GwtCompatible.java
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* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/util/concurrent/AbstractExecutionThreadService.java
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* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/primitives/SignedBytes.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/collect/ImmutableSetMultimap.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/collect/EmptyImmutableSetMultimap.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/collect/CustomConcurrentHashMap.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/util/concurrent/ForwardingFuture.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/collect/AsynchronousComputationException.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/collect/ExpirationTimer.java
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* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/io/LineProcessor.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/util/concurrent/ValueFuture.java
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* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/collect/TreeMultimap.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/collect/ForwardingSortedSet.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/collect/Ordering.java
* /opt/cola/permits/1105515804_1605051675.58/0/guava-r05-sources-1-jar/com/google/common/collect/NaturalOrdering.java
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1.728 libyaml 0.2.5

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1.731 libxxfdga 1.1.5-0ubuntu1

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1.732 libxxf86vm 1.1.4-1build1

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1.733 argparse 1.2.1

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1.734 javassist 3.18.1-GA

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*/

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* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/annotation/StringMemberValue.java
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* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/annotation/EnumMemberValue.java
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1.736 idna 2.8

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* /opt/cola/permits/1110810307_1606855956.29/0/kjd-idna-v2-8-0-g1cdf175-1-tar-gz/kjd-idna-375dc46/LICENSE.rst

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```
"""
A library to support the Internationalised Domain Names in Applications
(IDNA) protocol as specified in RFC 5890 et.al. This new methodology,
known as IDNA 2008, can generate materially different results to the
previous standard. The library can act as a drop-in replacement for
the "encodings.idna" module.
"""

import io, sys
from setuptools import setup


def main():

    python_version = sys.version_info[:2]
    if python_version < (2,7):
        raise SystemExit("Sorry, Python 2.7 or newer required")

    package_data = {}
    exec(open('idna/package_data.py').read(), package_data)

    arguments = {
        'name': 'idna',
        'packages': ['idna'],
        'version': package_data['__version__'],
        'description': 'Internationalized Domain Names in Applications (IDNA)',
        'long_description': io.open("README.rst", encoding="UTF-8").read(),
        'author': 'Kim Davies',
        'author_email': 'kim@cynosure.com.au',
         'license': 'BSD-like',
        'url': 'https://github.com/kjd/idna',
        'classifiers': [
            'Development Status :: 5 - Production/Stable',
            'Intended Audience :: Developers',
            'Intended Audience :: System Administrators',
            'License :: OSI Approved :: BSD License',
            'Operating System :: OS Independent',
            'Programming Language :: Python',
            'Programming Language :: Python :: 2',
            'Programming Language :: Python :: 2.7',
            'Programming Language :: Python :: 3',
            'Programming Language :: Python :: 3.4',
            'Programming Language :: Python :: 3.5',
            'Programming Language :: Python :: 3.6',
            'Topic :: Internet :: Name Service (DNS)',
            'Topic :: Software Development :: Libraries :: Python Modules',
```

```
        'Topic :: Utilities',
    ],
    'python_requires': '>=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*',
     'test_suite': 'tests',
  }

  setup(**arguments)

if __name__ == '__main__':
  main()
```

Found in path(s):
* /opt/cola/permits/1110810307_1606855956.29/0/kjd-idna-v2-8-0-g1cdf175-1-tar-gz/kjd-idna-375dc46/setup.py

1.737 appdirs 1.4.3

1.737.1 Available under license :

```
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```

1.738 pyparsing 2.4.6

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1.739 pyasn1 0.4.8

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Metadata-Version: 1.2
Name: pyasn1
Version: 0.4.8
Summary: ASN.1 types and codecs
Home-page: https://github.com/etingof/pyasn1
Author: Ilya Etingof
Author-email: etingof@gmail.com
Maintainer: Ilya Etingof <etingof@gmail.com>
License: BSD
Description: Pure-Python implementation of ASN.1 types and DER/BER/CER codecs (X.208)
Platform: any
Classifier: Development Status :: 5 - Production/Stable
Classifier: Environment :: Console
Classifier: Intended Audience :: Developers
Classifier: Intended Audience :: Education
Classifier: Intended Audience :: Information Technology
Classifier: Intended Audience :: System Administrators
Classifier: Intended Audience :: Telecommunications Industry
Classifier: License :: OSI Approved :: BSD License
Classifier: Natural Language :: English
Classifier: Operating System :: OS Independent

Classifier: Programming Language :: Python :: 2
Classifier: Programming Language :: Python :: 2.4
Classifier:
Programming Language :: Python :: 2.5
Classifier: Programming Language :: Python :: 2.6
Classifier: Programming Language :: Python :: 2.7
Classifier: Programming Language :: Python :: 3
Classifier: Programming Language :: Python :: 3.2
Classifier: Programming Language :: Python :: 3.3
Classifier: Programming Language :: Python :: 3.4
Classifier: Programming Language :: Python :: 3.5
Classifier: Programming Language :: Python :: 3.6
Classifier: Programming Language :: Python :: 3.7
Classifier: Topic :: Communications
Classifier: Topic :: Software Development :: Libraries :: Python Modules

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* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/PKG-INFO
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1.egg-info/PKG-INFO
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* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/codec/ber/__main__.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/test_debug.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/compat/dateandtime.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/codec/ber/test_encoder.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/codec/native/encoder.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/codec/native/__main__.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/type/test_constraint.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/compat/integer.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/codec/ber/encoder.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/__main__.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/type/namedval.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/type/constraint.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/type/tagmap.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/base.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/codec/ber/decoder.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/type/test_namedval.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/type/test_opentype.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/type/base.py
*

/opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/debug.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/codec/__main__.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/type/__main__.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/compat/test_integer.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/type/error.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/codec/cer/__main__.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/type/test_char.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/setup.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/codec/der/decoder.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/type/test_tag.py
*
/opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/codec/der/__main__.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/compat/test_binary.py
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* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/type/useful.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/type/test_useful.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/compat/__main__.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/compat/string.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/tests/codec/cer/test_decoder.py
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/type/univ.py
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/opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/pyasn1/codec/cer/decoder.py
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* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/LICENSE.rst
No license file was found, but licenses were detected in source scan.

ASN.1 library for Python

[![PyPI](https://img.shields.io/pypi/v/pyasn1.svg?maxAge=2592000)](https://pypi.org/project/pyasn1)
[![Python Versions](https://img.shields.io/pypi/pyversions/pyasn1.svg)](https://pypi.org/project/pyasn1/)
[![Build status](https://travis-ci.org/etingof/pyasn1.svg?branch=master)](https://secure.travis-ci.org/etingof/pyasn1)
[![Coverage
Status](https://img.shields.io/codecov/c/github/etingof/pyasn1.svg)](https://codecov.io/github/etingof/pyasn1)
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blue.svg)](https://raw.githubusercontent.com/etingof/pyasn1/master/LICENSE.txt)

This is a free and open source implementation of ASN.1 types and codecs
as a Python package. It has been first written to support particular
protocol (SNMP) but then generalized to be suitable for a wide range

of protocols based on
[ASN.1 specification](https://www.itu.int/rec/dologin_pub.asp?lang=e&id=T-REC-X.208-198811-W!!PDF-E&type=items).

Features
---

*
 Generic implementation of ASN.1 types (X.208)
* Standards compliant BER/CER/DER codecs
* Dumps/loads ASN.1 structures from Python types
* 100% Python, works with Python 2.4 up to Python 3.7
* MT-safe
* Contributed ASN.1 compiler [Asn1ate](https://github.com/kimgr/asn1ate)

Why using pyasn1

ASN.1 solves the data serialisation problem. This solution was
designed long ago by the wise Ancients. Back then, they did not
have the luxury of wasting bits. That is why ASN.1 is designed
to serialise data structures of unbounded complexity into
something compact and efficient when it comes to processing
the data.

That probably explains why many network protocols and file formats
still rely on the 30+ years old technology. Including a number of
high-profile Internet protocols and file formats.

Quite a number of books cover the topic of ASN.1.
[Communication between heterogeneous systems](http://www.oss.com/asn1/dubuisson.html)
by
 Olivier Dubuisson is one of those high quality books freely
available on the Internet.

The pyasn1 package is designed to help Python programmers tackling
network protocols and file formats at the comfort of their Python
prompt. The tool struggles to capture all aspects of a rather
complicated ASN.1 system and to represent it on the Python terms.

How to use pyasn1

With pyasn1 you can build Python objects from ASN.1 data structures.
For example, the following ASN.1 data structure:

```bash
Record ::= SEQUENCE {
```

```
 id       INTEGER,
 room  [0] INTEGER OPTIONAL,
 house [1] INTEGER DEFAULT 0
}
```

Could be expressed in pyasn1 like this:

```python
class Record(Sequence):
   componentType = NamedTypes(
       NamedType('id', Integer()),
       OptionalNamedType(
           'room', Integer().subtype(
               implicitTag=Tag(tagClassContext, tagFormatSimple, 0)
           )
       ),
       DefaultedNamedType(
           'house',
 Integer(0).subtype(
               implicitTag=Tag(tagClassContext, tagFormatSimple, 1)
           )
       )
   )
```

It is in the spirit of ASN.1 to take abstract data description
and turn it into a programming language specific form.
Once you have your ASN.1 data structure expressed in Python, you
can use it along the lines of similar Python type (e.g. ASN.1
`SET` is similar to Python `dict`, `SET OF` to `list`):

```python
>>> record = Record()
>>> record['id'] = 123
>>> record['room'] = 321
>>> str(record)
Record:
id=123
room=321
>>>
```

Part of the power of ASN.1 comes from its serialisation features. You
can serialise your data structure and send it over the network.

```python
>>> from pyasn1.codec.der.encoder import encode
```

```
>>> substrate = encode(record)
>>> hexdump(substrate)
00000: 30 07 02 01 7B 80 02 01 41
```

Conversely, you can turn serialised ASN.1 content, as received from network or read from a file, into a Python object which you can introspect, modify,
 encode and send back.

```python
>>> from pyasn1.codec.der.decoder import decode
>>> received_record, rest_of_substrate = decode(substrate, asn1Spec=Record())
>>>
>>> for field in received_record:
>>>    print('{} is {}'.format(field, received_record[field]))
id is 123
room is 321
house is 0
>>>
>>> record == received_record
True
>>> received_record.update(room=123)
>>> substrate = encode(received_record)
>>> hexdump(substrate)
00000: 30 06 02 01 7B 80 01 7B
```

The pyasn1 classes struggle to emulate their Python prototypes (e.g. int, list, dict etc.). But ASN.1 types exhibit more complicated behaviour. To make life easier for a Pythonista, they can turn their pyasn1 classes into Python built-ins:

```python
>>> from pyasn1.codec.native.encoder import encode
>>> encode(record)
{'id': 123, 'room': 321, 'house': 0}
```

Or vice-versa -- you can initialize an ASN.1 structure from a tree of Python objects:

```python
>>> from pyasn1.codec.native.decoder import decode
>>> record = decode({'id':
 123, 'room': 321, 'house': 0}, asn1Spec=Record())
>>> str(record)
Record:
```

id=123
room=321
>>>
```

With ASN.1 design, serialisation codecs are decoupled from data objects,
so you could turn every single ASN.1 object into many different
serialised forms. As of this moment, pyasn1 supports BER, DER, CER and
Python built-ins codecs. The extremely compact PER encoding is expected
to be introduced in the upcoming pyasn1 release.

More information on pyasn1 APIs can be found in the
[documentation](http://snmplabs.com/pyasn1/),
compiled ASN.1 modules for different protocols and file formats
could be found in the pyasn1-modules
[repo](https://github.com/etingof/pyasn1-modules).

How to get pyasn1
---

The pyasn1 package is distributed under terms and conditions of 2-clause
BSD [license](http://snmplabs.com/pyasn1/license.html). Source code is freely
available as a GitHub [repo](https://github.com/etingof/pyasn1).

You could `pip install pyasn1` or download it from [PyPI](https://pypi.org/project/pyasn1).

If
 something does not work as expected,
[open an issue](https://github.com/etingof/pyasn1/issues) at GitHub or
post your question [on Stack Overflow](https://stackoverflow.com/questions/ask)
or try browsing pyasn1
[mailing list archives](https://sourceforge.net/p/pyasn1/mailman/pyasn1-users/).

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Found in path(s):
* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/README.md
No license file was found, but licenses were detected in source scan.

.. _license:

License
=======

.. include:: ../../LICENSE.rst

Found in path(s):
```

* /opt/cola/permits/1110812511_1607462013.57/0/pyasn1-0-4-8-tar-gz/pyasn1-0.4.8/docs/source/license.rst
No license file was found, but licenses were detected in source scan.

ASN.1 library for Python
==========

.. toctree::
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Abstract Syntax Notation One (`ASN.1
<http://en.wikipedia.org/wiki/Abstract_Syntax_Notation_1x>`_) is a
technology for exchanging structured data in a universally understood,
hardware agnostic way. Many industrial, security and telephony
applications heavily rely on ASN.1.

The `pyasn1 <https://pypi.org/project/pyasn1/>`_ library implements
ASN.1 support in pure-Python.

What is ASN.1

ASN.1 is a large, arguably over-engineered and extremely old data modelling and
serialisation tool. It is probably among the first serialisation protocols in
the history of computer science and technology.

ASN.1 started its life over 30 years ago as a serialisation mechanism for the first
electronic mail (known as X.400). Later on if was split off the e-mail application
and become a stand-alone tech still being actively supported by its designers
and
 widely used in industry and technology.

Since then ASN.1 is sort of haunted by its relations with the OSI model -- the
first, unsuccessful, version of the Internet. You can read many interesting
`discussions <https://news.ycombinator.com/item?id=8871453>`_ on that topic.

In the following years, generations of software engineers tackled the serialisation
problem many times. We can see that in Google's `ProtoBuffers <https://developers.google.com/protocol-buffers/>`_
or `FlatBuffers <https://google.github.io/flatbuffers/>`_, for example.
Interestingly, many new takes on binary protocol design do not depart
far from ASN.1 from technical perspective. It's more of a matter of striking
a balance between processing overhead, wire format overhead and human
readability.

Looking at what ASN.1 has to offer, it has three loosely coupled parts:

* Data types: the standard introduces a collection of basic data types
 (integers, bits, strings, arrays and records) that can be used for describing

arbitrarily complex, nested data structures.

* Serialisation protocols: the above data structures could be converted into a series of octets for storage or transmission over the wire as well as recovered back into their structured form. The system is fully agnostic to hardware architectures differences.

* Schema language: ASN.1 data structures could be described in terms of a schema language for ASN.1 compiler to turn it into platform-specific implementation.

ASN.1 applications

Being an old and generally successful standard, ASN.1 is widely adopted for many uses. To give you an example, these technologies use ASN.1 for their data exchange needs:

* Signaling standards for the public switched telephone network (SS7 family)
* Network management standards (SNMP, CMIP)
* Directory standards (X.500 family, LDAP)
* Public Key Infrastructure standards (X.509, etc.)
* PBX control (CSTA)
* IP-based Videoconferencing (H.323 family)
* Biometrics (BIP, CBEFF, ACBio)
* Intelligent transportation (SAE J2735)
* Cellular telephony (GSM, GPRS/EDGE, UMTS, LTE)

ASN.1 gotchas

Apparently, ASN.1 is hard to implement properly. Quality open-source ASN.1 tools are rare, but ad-hoc implementations are numerous. Judging from the `statistics <http://cve.mitre.org/cgi-bin/cvekey.cgi?keyword=ASN.1>`_ on discovered security vulnerabilities, many people have implemented ASN.1 parsers and oftentimes fell victim to its edge cases.

On the bright side, ASN.1 has been around for a long time, it is well understood and security reviewed.

Documentation

.. toctree::
  :maxdepth: 2

  /pyasn1/contents

Use case

.. toctree::
  :maxdepth: 2

  /example-use-case

Download & Install

.. toctree::
  :maxdepth: 2

  /download

Changes

All changes and release history is maintained in changelog. There you
could also download the latest unreleased pyasn1 tarball containing
the latest fixes and improvements.

..
 toctree::
  :maxdepth: 1

  /changelog

License

The PyASN1 software is distributed under 2-clause BSD License.

.. toctree::
  :maxdepth: 2

  /license

Getting help

Please, file your `issues <https://github.com/etingof/pyasn1/issues>`_
and `PRs <https://github.com/etingof/pyasn1/pulls>`_ at GitHub.
Alternatively, you could ask for help at
`Stack Overflow <http://stackoverflow.com/questions/tagged/pyasn1>`_
or search

`pyasn1-users <https://lists.sourceforge.net/lists/listinfo/pyasn1-users>`_
mailing list archive.

Books on ASN.1

The pyasn1 implementation is largely based on reading up the following awesome
books:

* `ASN.1 - Communication between heterogeneous systems <http://www.oss.com/asn1/dubuisson.html>`_ by Olivier Dubuisson
* `ASN.1 Complete <http://www.oss.com/asn1/resources/books-whitepapers-pubs/larmouth-asn1-book.pdf>`_ by Prof John Larmouth

Here you can get the official standards which is hard to read:

* `ITU standards
 <http://www.itu.int/ITU-T/studygroups/com17/languages/X.680-X.693-0207w.zip>`_

On the other end of the readability spectrum, here is a quick and sweet write up:

* `A Layman's Guide to a Subset of ASN.1, BER, and DER <ftp://ftp.rsasecurity.com/pub/pkcs/ascii/layman.asc>`_ by Burton S. Kaliski

If you are working with ASN.1, we'd highly recommend reading a proper
book on the subject.

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1.740 netty 4.1.17.Final

1.740.1 Available under license :

No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0
Implementation-Title: Netty/Example
Bundle-Description: Netty is an asynchronous event-driven network appl
ication framework for rapid development of maintainable high perfo
rmance protocol servers and clients.
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0
Bundle-SymbolicName: io.netty.example
Implementation-Version: 4.1.17.Final
Built-By: root
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Bundle-ManifestVersion: 2
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Bundle-DocURL: http://netty.io/
Bundle-Vendor: The Netty Project
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y.handler.codec.http2,io.netty.handler.ssl";version="4.1.17",io.netty
.example.http2.helloworld.frame.server;uses:="io.netty.channel,io.net
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ty.util.concurrent";version="4.1.17",io.netty.example.spdy.client;use
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",io.netty.example.udt.echo.message;uses:="io.netty.channel,io.netty.
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l";version="4.1.17",io.netty.example.worldclock;uses:="com.google.pro
tobuf,io.netty.channel,io.netty.channel.socket,io.netty.handler.ssl";
version="4.1.17"
Bundle-Name: Netty/Example
Bundle-Version: 4.1.17.Final
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_151
Implementation-URL: http://netty.io/netty-example/

Found in path(s):
* /opt/cola/permits/1110827297_1609785714.1/0/netty-example-4-1-17-final-jar/META-INF/MANIFEST.MF
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* /opt/cola/permits/1110827297_1609785714.1/0/netty-example-4-1-17-final-jar/META-INF/maven/io.netty/netty-example/pom.xml

1.741 linenoise 1.0

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1.742 packaging 19.2

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1.743 error_prone_annotations 2.1.2

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Found in path(s):
* /opt/cola/permits/1112618773_1607121866.98/0/error-prone-annotations-2-1-2-sources-3-jar/com/google/errorprone/annotations/concurrent/UnlockMethod.java
* /opt/cola/permits/1112618773_1607121866.98/0/error-prone-annotations-2-1-2-sources-3-jar/com/google/errorprone/annotations/NoAllocation.java
* /opt/cola/permits/1112618773_1607121866.98/0/error-prone-annotations-2-1-2-sources-3-jar/com/google/errorprone/annotations/concurrent/LockMethod.java

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* /opt/cola/permits/1112618773_1607121866.98/0/error-prone-annotations-2-1-2-sources-3-jar/com/google/errorprone/annotations/DoNotCall.java
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* /opt/cola/permits/1112618773_1607121866.98/0/error-prone-annotations-2-1-2-sources-3-jar/com/google/errorprone/annotations/MustBeClosed.java
* /opt/cola/permits/1112618773_1607121866.98/0/error-prone-annotations-2-1-2-sources-3-jar/com/google/errorprone/annotations/FormatMethod.java
* /opt/cola/permits/1112618773_1607121866.98/0/error-prone-annotations-2-1-2-sources-3-jar/com/google/errorprone/annotations/CompatibleWith.java
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* /opt/cola/permits/1112618773_1607121866.98/0/error-prone-annotations-2-1-2-sources-3-jar/com/google/errorprone/annotations/DoNotMock.java
* /opt/cola/permits/1112618773_1607121866.98/0/error-prone-annotations-2-1-2-sources-3-jar/com/google/errorprone/annotations/FormatString.java
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* /opt/cola/permits/1112618773_1607121866.98/0/error-prone-annotations-2-1-2-sources-3-jar/com/google/errorprone/annotations/SuppressPackageLocation.java
* /opt/cola/permits/1112618773_1607121866.98/0/error-prone-annotations-2-1-2-sources-3-jar/com/google/errorprone/annotations/IncompatibleModifiers.java
* /opt/cola/permits/1112618773_1607121866.98/0/error-prone-annotations-2-1-2-sources-3-jar/com/google/errorprone/annotations/CanIgnoreReturnValue.java
* /opt/cola/permits/1112618773_1607121866.98/0/error-prone-annotations-2-1-2-sources-3-jar/com/google/errorprone/annotations/Var.java
* /opt/cola/permits/1112618773_1607121866.98/0/error-prone-annotations-2-1-2-sources-3-jar/com/google/errorprone/annotations/CompileTimeConstant.java
* /opt/cola/permits/1112618773_1607121866.98/0/error-prone-annotations-2-1-2-sources-3-jar/com/google/errorprone/annotations/RequiredModifiers.java
* /opt/cola/permits/1112618773_1607121866.98/0/error-prone-annotations-2-1-2-sources-3-jar/com/google/errorprone/annotations/concurrent/LazyInit.java
* /opt/cola/permits/1112618773_1607121866.98/0/error-prone-annotations-2-1-2-sources-3-jar/com/google/errorprone/annotations/Immutable.java
* /opt/cola/permits/1112618773_1607121866.98/0/error-prone-annotations-2-1-2-sources-3-jar/com/google/errorprone/annotations/ForOverride.java

1.744 error_prone_annotations 2.1.3

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* /opt/cola/permits/1112636230_1607122994.91/0/error-prone-annotations-2-1-3-sources-6-jar/com/google/errorprone/annotations/concurrent/GuardedBy.java
* /opt/cola/permits/1112636230_1607122994.91/0/error-prone-annotations-2-1-3-sources-6-jar/com/google/errorprone/annotations/OverridingMethodsMustInvokeSuper.java
* /opt/cola/permits/1112636230_1607122994.91/0/error-prone-annotations-2-1-3-sources-6-jar/com/google/errorprone/annotations/DoNotCall.java
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* /opt/cola/permits/1112636230_1607122994.91/0/error-prone-annotations-2-1-3-sources-6-jar/com/google/errorprone/annotations/concurrent/UnlockMethod.java
* /opt/cola/permits/1112636230_1607122994.91/0/error-prone-annotations-2-1-3-sources-6-jar/com/google/errorprone/annotations/concurrent/LockMethod.java
* /opt/cola/permits/1112636230_1607122994.91/0/error-prone-annotations-2-1-3-sources-6-jar/com/google/errorprone/annotations/NoAllocation.java
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* /opt/cola/permits/1112636230_1607122994.91/0/error-prone-annotations-2-1-3-sources-6-jar/com/google/errorprone/annotations/ForOverride.java
* /opt/cola/permits/1112636230_1607122994.91/0/error-prone-annotations-2-1-3-sources-6-jar/com/google/errorprone/annotations/IncompatibleModifiers.java
* /opt/cola/permits/1112636230_1607122994.91/0/error-prone-annotations-2-1-3-sources-6-jar/com/google/errorprone/annotations/concurrent/LazyInit.java
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* /opt/cola/permits/1112636230_1607122994.91/0/error-prone-annotations-2-1-3-sources-6-jar/com/google/errorprone/annotations/CanIgnoreReturnValue.java
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1.747 javolution 5.5.1

1.747.1 Available under license :

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/**
* Interface for an element's attribute specifications.
*
* <blockquote>
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* See http://www.saxproject.org
* for further information.
* </blockquote>
*
* This is the original SAX1 interface for reporting an element's
* attributes. Unlike the new {@link org.xml.sax.Attributes Attributes}
* interface, it does not support Namespace-related information.
*
* When an attribute list is supplied as part of a
* {@link org.xml.sax.DocumentHandler#startElement startElement}
* event, the list will return valid results only during the
* scope of the event; once the event handler returns control
* to the parser, the attribute list is invalid. To save a
* persistent copy of the attribute list, use the SAX1 AttributeListImpl
* helper
 class.
*
* An attribute list includes only attributes that have been
* specified or defaulted: #IMPLIED attributes will not be included.

```
*
* <p>There are two ways for the SAX application to obtain information
* from the AttributeList.  First, it can iterate through the entire
* list:</p>
*
* <pre>
* public void startElement (String name, AttributeList atts) {
*   for (int i = 0; i < atts.getLength(); i++) {
*     String name = atts.getName(i);
*     String type = atts.getType(i);
*     String value = atts.getValue(i);
*     [...]
*   }
* }
* </pre>
*
* <p>(Note that the result of getLength() will be zero if there
* are no attributes.)
*
* <p>As an alternative, the application can request the value or
* type of specific attributes:</p>
*
* <pre>
* public void startElement (String name, AttributeList atts) {
*   String identifier = atts.getValue("id");
*   String label = atts.getValue("label");
*   [...]
* }
* </pre>
*
* @since SAX 1.0
* @author
 David Megginson
* @version 2.0.1 (sax2r2)
*/
```

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/AttributeList.java
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```
/**
* Basic interface for resolving entities.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
```

```
* </blockquote>
*
* <p>If a SAX application needs to implement customized handling
* for external entities, it must implement this interface and
* register an instance with the SAX driver using the
* {@link org.xml.sax.XMLReader#setEntityResolver setEntityResolver}
* method.</p>
*
* <p>The XML reader will then allow the application to intercept any
* external entities (including the external DTD subset and external
* parameter entities, if any) before including them.</p>
*
* <p>Many SAX applications will not need to implement this interface,
* but it will be especially useful for applications that build
* XML
 documents from databases or other specialised input sources,
* or for applications that use URI types other than URLs.</p>
*
* <p>The following resolver would provide the application
* with a special character stream for the entity with the system
* identifier "http://www.myhost.com/today":</p>
*
* <pre>
* import org.xml.sax.EntityResolver;
* import org.xml.sax.InputSource;
*
* public class MyResolver implements EntityResolver {
*   public InputSource resolveEntity (String publicId, String systemId)
*   {
*     if (systemId.equals("http://www.myhost.com/today")) {
*             // return a special input source
*       MyReader reader = new MyReader();
*       return new InputSource(reader);
*     } else {
*             // use the default behaviour
*       return null;
*     }
*   }
* }
* </pre>
*
* <p>The application can also use this interface to redirect system
* identifiers to local URIs or to look up replacements in a catalog
* (possibly by using the
 public identifier).</p>
*
* @since SAX 1.0
* @author David Megginson
```

```
* @version 2.0.1 (sax2r2)
* @see org.xml.sax.XMLReader#setEntityResolver
* @see org.xml.sax.InputSource
*/
```

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/EntityResolver.java
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```
// NO WARRANTY!  This class is in the Public Domain.
/**
* Exception class for an unsupported operation.
*
* <blockquote>
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* for further information.
* </blockquote>
*
* <p>An XMLReader will throw this exception when it recognizes a
* feature or property identifier, but cannot perform the requested
* operation (setting a state or value).  Other SAX2 applications and
* extensions may use this class for similar purposes.</p>
*
* @since SAX 2.0
* @author David Megginson
* @version 2.0.1 (sax2r2)
* @see org.xml.sax.SAXNotRecognizedException
*/
```

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/SAXNotSupportedException.java
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```
/**
* Interface for associating a SAX event with a document location.
*
* <blockquote>
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* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>If a SAX parser provides location information to the SAX
* application, it does so by implementing this interface and then
```

```
* passing an instance to the application using the content
* handler's {@link org.xml.sax.ContentHandler#setDocumentLocator
* setDocumentLocator} method.  The application can use the
* object to obtain the location of any other SAX event
* in the XML source document.</p>
*
* <p>Note that the results returned by the object will be valid only
* during the scope of each callback method: the application
* will receive unpredictable results if it
 attempts to use the
* locator at any other time, or after parsing completes.</p>
*
* <p>SAX parsers are not required to supply a locator, but they are
* very strongly encouraged to do so.  If the parser supplies a
* locator, it must do so before reporting any other document events.
* If no locator has been set by the time the application receives
* the {@link org.xml.sax.ContentHandler#startDocument startDocument}
* event, the application should assume that a locator is not
* available.</p>
*
* @since SAX 1.0
* @author David Megginson
* @version 2.0.1 (sax2r2)
* @see org.xml.sax.ContentHandler#setDocumentLocator
*/
```

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/Locator.java
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```
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*
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* freely granted, provided that this notice is preserved.
*/
```

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/sax/XMLReaderImpl.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/lang/EnumConstantNotPresentException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/util/ReentrantLock.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javax/realtime/MemoryArea.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-

jar/_templates/java/io/Serializable.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/javolution/lang/Immutable.java
*
 /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/Formattable.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/javax/realtime/RealtimeThread.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/logging/Logger.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/FormatFlagsConversionMismatchException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/lang/Comparable.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/TooManyListenersException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/javolution/text/Text.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/javolution/lang/Enum.java
*
 /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/lang/NoSuchFieldException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/io/Union.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/util/Queue.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/io/FileInputStream.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/io/Closeable.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/io/InvalidClassException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/javolution/lang/Reflection.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/javolution/xml/stream/XMLStreamException.java
*
 /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/io/ObjectOutputStream.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/util/Set.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/io/NotActiveException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/UnknownFormatConversionException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/lang/Immutable.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/IllegalFormatPrecisionException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/HashMap.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-

jar/_templates/javolution/lang/Configurable.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/javolution/util/FastList.java
*
 /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/zip/ZipFile.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/text/ParsePosition.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/io/NotSerializableException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/LinkedHashMap.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/javax/realtime/RealtimeThread.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/logging/Level.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/nio/ByteOrder.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/lang/Number.java
*
 /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/ListIterator.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/nio/InvalidMarkException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/LinkedList.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/javolution/io/UTF8ByteBufferReader.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/io/ObjectInput.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/Observable.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/lang/ThreadLocal.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/lang/SecurityException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/ArrayList.java
*
 /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/InputMismatchException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/UnknownFormatFlagsException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/javolution/xml/sax/XMLReaderImpl.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/nio/ByteBuffer.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-

jar/_templates/java/util/MissingFormatWidthException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/SortedSet.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/util/Index.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/ConcurrentModificationException.java
*
/opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/text/CharArray.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/concurrent/ConcurrentMap.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/io/ObjectInputStream.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/io/StreamCorruptedException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/logging/LogRecord.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/javolution/util/Index.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/lang/IllegalStateException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/javax/realtime/NoHeapRealtimeThread.java
*
/opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/io/ObjectOutput.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/javolution/xml/stream/XMLStreamException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/DuplicateFormatFlagsException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/text/Text.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/lang/Reflection.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/javolution/xml/stream/EntitiesImpl.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/SortedMap.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/io/ObjectInputValidation.java
*
/opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/util/FastList.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/io/FileOutputStream.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/MissingFormatArgumentException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/javolution/util/FastTable.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/io/WriteAbortedException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-

jar/_templates/java/io/InvalidObjectException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/util/Observer.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/lang/CloneNotSupportedException.java
*
 /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/javolution/io/Union.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/io/SyncFailedException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/io/FileFilter.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/lang/Configurable.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/IllegalFormatWidthException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/io/File.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/javolution/util/ReentrantLock.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/javolution/io/CharSequenceReader.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/Collection.java
*
 /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/util/Map.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/javax/realtime/MemoryArea.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/javolution/io/CharSequenceReader.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/io/CharConversionException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/Comparator.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/LinkedHashSet.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/javolution/xml/stream/XMLInputFactory.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/NoSuchElementException.java
*
 /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/io/OptionalDataException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/javolution/xml/stream/EntitiesImpl.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/lang/CharSequence.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/EventListener.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/RandomAccess.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-

jar/_templates/java/util/InvalidPropertiesFormatException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/io/ObjectStreamException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/IllegalFormatConversionException.java
*
/opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/javolution/text/CharArray.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/IllegalFormatFlagsException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/util/HashSet.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/io/FileNotFoundException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/io/FilenameFilter.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/io/DataInput.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/util/FastTable.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/Formatter.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/lang/NoSuchMethodException.java
*
/opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/javax/realtime/NoHeapRealtimeThread.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/lang/Readable.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/lang/TypeNotPresentException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/io/Flushable.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/nio/BufferUnderflowException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/javolution/xml/stream/XMLInputFactory.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/util/List.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/nio/Buffer.java
*
/opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/util/Iterator.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/lang/Cloneable.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/lang/UnsupportedOperationException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/IllegalFormatException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/IllegalFormatCodePointException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/MissingResourceException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-

jar/_templates/java/io/DataOutput.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/FormatterClosedException.java
*
 /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/_templates/java/util/zip/ZipEntry.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/lang/Iterable.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-
jar/javolution/io/UTF8ByteBufferReader.java
No license file was found, but licenses were detected in source scan.

```
/**
* Default base class for handlers.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This class implements the default behaviour for four SAX1
* interfaces: EntityResolver, DTDHandler, DocumentHandler,
* and ErrorHandler.  It is now obsolete, but is included in SAX2 to
* support legacy SAX1 applications.  SAX2 applications should use
* the DefaultHandler class instead.</p>
*
* <p>Application writers can extend this class when they need to
* implement only part of an interface; parser writers can
* instantiate this class to provide default handlers when the
* application has not supplied its own.</p>
*
* <p>Note that the use of this class is optional.</p>
*
* @deprecated This
 class works with the deprecated DocumentHandler
*           interface.  It has been replaced by the SAX2 DefaultHandler
*           class.
* @since SAX 1.0
* @author David Megginson
* @version 2.0.1 (sax2r2)
* @see org.xml.sax.EntityResolver
* @see org.xml.sax.DTDHandler
* @see org.xml.sax.DocumentHandler
* @see org.xml.sax.ErrorHandler
*/
```

Found in path(s):

* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/HandlerBase.java
No license file was found, but licenses were detected in source scan.

```
/**
* Receive notification of general document events.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This was the main event-handling interface for SAX1; in
* SAX2, it has been replaced by {@link org.xml.sax.ContentHandler
* ContentHandler}, which provides Namespace support and reporting
* of skipped entities.  This interface is included in SAX2 only
* to support legacy SAX1 applications.</p>
*
* <p>The order of events in this interface is very important, and
* mirrors the order of information in the document itself.  For
* example, all of an element's content (character data, processing
* instructions, and/or subelements) will appear, in order, between
* the startElement event
 and the corresponding endElement event.</p>
*
* <p>Application writers who do not want to implement the entire
* interface can derive a class from HandlerBase, which implements
* the default functionality; parser writers can instantiate
* HandlerBase to obtain a default handler.  The application can find
* the location of any document event using the Locator interface
* supplied by the Parser through the setDocumentLocator method.</p>
*
* @since SAX 1.0
* @author David Megginson
* @version 2.0.1 (sax2r2)
* @see org.xml.sax.Parser#setDocumentHandler
* @see org.xml.sax.Locator
* @see org.xml.sax.HandlerBase
*/
```

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/DocumentHandler.java
No license file was found, but licenses were detected in source scan.

```
/**
* Basic interface for SAX (Simple API for XML) parsers.
```

```
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This was the main event supplier interface for SAX1; it has
* been replaced in SAX2 by {@link org.xml.sax.XMLReader XMLReader},
* which includes Namespace support and sophisticated configurability
* and extensibility.</p>
*
* <p>All SAX1 parsers must implement this basic interface: it allows
* applications to register handlers for different types of events
* and to initiate a parse from a URI, or a character stream.</p>
*
* <p>All SAX1 parsers must also implement a zero-argument constructor
* (though other constructors are also allowed).</p>
*
* <p>SAX1 parsers are reusable
 but not re-entrant: the application
* may reuse a parser object (possibly with a different input source)
* once the first parse has completed successfully, but it may not
* invoke the parse() methods recursively within a parse.</p>
*
* @deprecated This interface has been replaced by the SAX2
*            {@link org.xml.sax.XMLReader XMLReader}
*            interface, which includes Namespace support.
* @since SAX 1.0
* @author David Megginson
* @version 2.0.1 (sax2r2)
* @see org.xml.sax.EntityResolver
* @see org.xml.sax.DTDHandler
* @see org.xml.sax.DocumentHandler
* @see org.xml.sax.ErrorHandler
* @see org.xml.sax.HandlerBase
* @see org.xml.sax.InputSource
*/
```

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/Parser.java
No license file was found, but licenses were detected in source scan.

```
/*
* Javolution - Java(TM) Solution for Real-Time and Embedded Systems
* Copyright (C) 2009 - Javolution (http://javolution.org/)
* All rights reserved.
```

*
* Permission to use, copy, modify, and distribute this software is
* freely granted, provided that this notice is preserved.
*/

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/context/PoolContext.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/context/PoolContext.java
No license file was found, but licenses were detected in source scan.

// NO WARRANTY! This class is in the Public Domain.
/**
* Interface for an XML filter.
*
* <blockquote>
* This module, both source code and documentation, is in the
* Public Domain, and comes with NO WARRANTY.
* See http://www.saxproject.org
* for further information.
* </blockquote>
*
* An XML filter is like an XML reader, except that it obtains its
* events from another XML reader rather than a primary source like
* an XML document or database. Filters can modify a stream of
* events as they pass on to the final application.
*
* The XMLFilterImpl helper class provides a convenient base
* for creating SAX2 filters, by passing on all {@link org.xml.sax.EntityResolver
* EntityResolver}, {@link org.xml.sax.DTDHandler DTDHandler},
* {@link org.xml.sax.ContentHandler ContentHandler} and {@link org.xml.sax.ErrorHandler
* ErrorHandler}
 events automatically.
*
* @since SAX 2.0
* @author David Megginson
* @version 2.0.1 (sax2r2)
*/

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/XMLFilter.java
No license file was found, but licenses were detected in source scan.

/*
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* Copyright (C) 2008 - Javolution (http://javolution.org/)
* All rights reserved.

```
*
* Permission to use, copy, modify, and distribute this software is
* freely granted, provided that this notice is preserved.
*/
```

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/util/FastBitSet.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/util/FastBitSet.java
No license file was found, but licenses were detected in source scan.

```
/**
* Encapsulate an XML parse error or warning.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This exception may include information for locating the error
* in the original XML document, as if it came from a {@link Locator}
* object.  Note that although the application
* will receive a SAXParseException as the argument to the handlers
* in the {@link org.xml.sax.ErrorHandler ErrorHandler} interface,
* the application is not actually required to throw the exception;
* instead, it can simply read the information in it and take a
* different action.</p>
*
* <p>Since this exception is a subclass of {@link org.xml.sax.SAXException
* SAXException}, it inherits the ability to wrap
 another exception.</p>
*
* @since SAX 1.0
* @author David Megginson
* @version 2.0.1 (sax2r2)
* @see org.xml.sax.SAXException
* @see org.xml.sax.Locator
* @see org.xml.sax.ErrorHandler
*/
```

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/SAXParseException.java
No license file was found, but licenses were detected in source scan.

```
/**
```

```
* Receive notification of basic DTD-related events.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>If a SAX application needs information about notations and
* unparsed entities, then the application implements this
* interface and registers an instance with the SAX parser using
* the parser's setDTDHandler method.  The parser uses the
* instance to report notation and unparsed entity declarations to
* the application.</p>
*
* <p>Note that this interface includes only those DTD events that
* the XML recommendation <em>requires</em> processors to report:
* notation and unparsed entity declarations.</p>
*
* <p>The SAX parser may report these events in any order, regardless
 * of the order in which the notations and unparsed entities were
* declared; however, all DTD events must be reported after the
* document handler's startDocument event, and before the first
* startElement event.
* (If the LexicalHandler is
* used, these events must also be reported before the endDTD event.)
* </p>
*
* <p>It is up to the application to store the information for
* future use (perhaps in a hash table or object tree).
* If the application encounters attributes of type "NOTATION",
* "ENTITY", or "ENTITIES", it can use the information that it
* obtained through this interface to find the entity and/or
* notation corresponding with the attribute value.</p>
*
* @since SAX 1.0
* @author David Megginson
* @version 2.0.1 (sax2r2)
*/
```

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/DTDHandler.java
No license file was found, but licenses were detected in source scan.

```
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* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/lang/ClassInitializer.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/xml/sax/Attributes.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/xml/XMLObjectReader.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/context/HeapContext.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/xml/stream/XMLStreamReaderImpl.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/stream/XMLStreamWriter.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/xml/stream/NamespacesImpl.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/java/nio/CharBuffer.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/io/AppendableWriter.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/context/Allocator.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/xml/XMLReferenceResolver.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/util/FastCollection.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/xml/XMLFormat.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/text/TextBuilder.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/io/AppendableWriter.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/util/FastIterator.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/text/TextBuilder.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/context/StackContext.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/util/StandardLog.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/context/PersistentContext.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/xml/XMLObjectWriter.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/xml/sax/ContentHandler.java

*
/opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/context/ConcurrentException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/context/LogContext.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/context/ObjectFactory.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/context/ConcurrentThread.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/io/UTF8StreamWriter.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/lang/Reference.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/XMLObjectReader.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/context/ConcurrentContext.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/sax/SAX2ReaderImpl.java
*
/opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/io/UTF8ByteBufferWriter.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/xml/stream/XMLStreamWriter.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/XMLFormat.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/sax/DefaultHandler.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/io/UTF8StreamReader.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/text/TypeFormat.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/lang/Reference.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/xml/XMLBinding.java
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/opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/text/Appendable.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/xml/sax/DefaultHandler.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/stream/XMLStreamWriterImpl.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/io/UTF8StreamWriter.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/context/HeapContext.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/lang/Reusable.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/util/FastIterator.java

* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/context/ConcurrentThread.java
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 /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/sax/XMLReader.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/context/LocalContext.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/util/FastSet.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/context/StackContext.java
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* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/text/CharSet.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/util/FastMap.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/xml/stream/XMLStreamReader.java
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* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/stream/NamespaceContext.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/io/Struct.java
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* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/xml/stream/Location.java
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 /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/lang/Reusable.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/context/ConcurrentException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/io/UTF8ByteBufferWriter.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/context/PersistentContext.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/text/CharSet.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/sax/ContentHandler.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/stream/XMLStreamReader.java

* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/util/FastMap.java
*
/opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/xml/stream/XMLOutputFactory.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/stream/XMLOutputFactory.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/util/StandardLog.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/context/LogContext.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/io/UTF8StreamReader.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/XMLBinding.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/text/TextFormat.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/lang/ClassInitializer.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/context/Allocator.java
*
/opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/stream/XMLStreamConstants.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/XMLReferenceResolver.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/xml/sax/SAX2ReaderImpl.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/xml/stream/XMLStreamConstants.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/stream/Location.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/context/LocalContext.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/XMLObjectWriter.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/context/ConcurrentContext.java
*
/opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/stream/NamespacesImpl.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/text/TextFormat.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/context/ObjectFactory.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/util/FastSet.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/util/FastCollection.java
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```
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* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/text/Cursor.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/text/Cursor.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/testing/JUnitContext.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/testing/JUnitContext.java
No license file was found, but licenses were detected in source scan.

```
/**
* A single input source for an XML entity.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This class allows a SAX application to encapsulate information
* about an input source in a single object, which may include
* a public identifier, a system identifier, a byte stream (possibly
* with a specified encoding), and/or a character stream.</p>
*
* <p>There are two places that the application can deliver an
* input source to the parser: as the argument to the Parser.parse
* method, or as the return value of the EntityResolver.resolveEntity
* method.</p>
*
* <p>The SAX parser will use the InputSource object to determine how
* to read XML input.  If there is a character stream
 available, the
* parser will read that stream directly, disregarding any text
* encoding declaration found in that stream.
* If there is no character stream, but there is
* a byte stream, the parser will use that byte stream, using the
* encoding specified in the InputSource or else (if no encoding is
* specified) autodetecting the character encoding using an algorithm
```

```
* such as the one in the XML specification.  If neither a character
* stream nor a
* byte stream is available, the parser will attempt to open a URI
* connection to the resource identified by the system
* identifier.</p>
*
* <p>An InputSource object belongs to the application: the SAX parser
* shall never modify it in any way (it may modify a copy if
* necessary).  However, standard processing of both byte and
* character streams is to close them on as part of end-of-parse cleanup,
* so applications should not attempt to re-use such streams after they
* have been handed to a parser.  </p>
*
* @since
 SAX 1.0
* @author David Megginson
* @version 2.0.1 (sax2r2)
* @see org.xml.sax.XMLReader#parse(org.xml.sax.InputSource)
* @see org.xml.sax.EntityResolver#resolveEntity
*/
```

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/InputSource.java
No license file was found, but licenses were detected in source scan.

```
// NO WARRANTY!  This class is in the public domain.
/**
* Interface for a list of XML attributes.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This interface allows access to a list of attributes in
* three different ways:</p>
*
* <ol>
* <li>by attribute index;</li>
* <li>by Namespace-qualified name; or</li>
* <li>by qualified (prefixed) name.</li>
* </ol>
*
* <p>The list will not contain attributes that were declared
* #IMPLIED but not specified in the start tag.  It will also not
* contain attributes used as Namespace declarations (xmlns*) unless
```

```
* the <code>http://xml.org/sax/features/namespace-prefixes</code>
* feature is set to <var>true</var> (it is <var>false</var>
 by
* default).
* Because SAX2 conforms to the original "Namespaces in XML"
* recommendation, it normally does not
* give namespace declaration attributes a namespace URI.
* </p>
*
* <p>Some SAX2 parsers may support using an optional feature flag
* (<code>http://xml.org/sax/features/xmlns-uris</code>) to request
* that those attributes be given URIs, conforming to a later
* backwards-incompatible revision of that recommendation.  (The
* attribute's "local name" will be the prefix, or "xmlns" when
* defining a default element namespace.)  For portability, handler
* code should always resolve that conflict, rather than requiring
* parsers that can change the setting of that feature flag.  </p>
*
* <p>If the namespace-prefixes feature (see above) is
* <var>false</var>, access by qualified name may not be available; if
* the <code>http://xml.org/sax/features/namespaces</code> feature is
* <var>false</var>, access by Namespace-qualified names may not be
* available.</p>
 *
* <p>This interface replaces the now-deprecated SAX1 {@link
* org.xml.sax.AttributeList AttributeList} interface, which does not
* contain Namespace support.  In addition to Namespace support, it
* adds the <var>getIndex</var> methods (below).</p>
*
* <p>The order of attributes in the list is unspecified, and will
* vary from implementation to implementation.</p>
*
* @since SAX 2.0
* @author David Megginson
* @version 2.0.1 (sax2r2)
*/
```

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/Attributes.java
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```
// NO WARRANTY!  This class is in the Public Domain.
/**
* Interface for reading an XML document using callbacks.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
```

```
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p><strong>Note:</strong> despite its name, this interface does
* <em>not</em> extend the standard Java Reader
* interface, because reading XML is a fundamentally different activity
* than reading character data.</p>
*
* <p>XMLReader is the interface that an XML parser's SAX2 driver must
* implement.  This interface allows an application to set and
* query features and properties in the parser, to register
* event handlers for document processing, and to initiate
* a document parse.</p>
*
* <p>All SAX interfaces are assumed
 to be synchronous: the
* {@link #parse parse} methods must not return until parsing
* is complete, and readers must wait for an event-handler callback
* to return before reporting the next event.</p>
*
* <p>This interface replaces the (now deprecated) SAX 1.0 {@link
* org.xml.sax.Parser Parser} interface.  The XMLReader interface
* contains two important enhancements over the old Parser
* interface (as well as some minor ones):</p>
*
* <ol>
* <li>it adds a standard way to query and set features and
*  properties; and</li>
* <li>it adds Namespace support, which is required for many
*  higher-level XML standards.</li>
* </ol>
*
* <p>There are adapters available to convert a SAX1 Parser to
* a SAX2 XMLReader and vice-versa.</p>
*
* @since SAX 2.0
* @author David Megginson
* @version 2.0.1+ (sax2r3pre1)
* @see org.xml.sax.XMLFilter
*/
```

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/XMLReader.java
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```
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   * =======================================================
   *
   */
/*
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   * Copyright (C) 2004 by Sun Microsystems, Inc. All rights reserved.
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 is freely granted, provided that this notice
   * is preserved.
   * =======================================================
   */
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Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/lang/MathLib.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/lang/MathLib.java
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```
/**
* Encapsulate a general SAX error or warning.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This class can contain basic error or warning information from
* either the XML parser or the application: a parser writer or
* application writer can subclass it to provide additional
* functionality.  SAX handlers may throw this exception or
```

```
* any exception subclassed from it.</p>
*
* <p>If the application needs to pass through other types of
* exceptions, it must wrap those exceptions in a SAXException
* or an exception derived from a SAXException.</p>
*
* <p>If the parser or application needs to include information about a
* specific location in an XML document, it should use the
 * {@link org.xml.sax.SAXParseException SAXParseException} subclass.</p>
*
* @since SAX 1.0
* @author David Megginson
* @version 2.0.1 (sax2r2)
* @see org.xml.sax.SAXParseException
*/
```

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/SAXException.java
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```
/**
* Basic interface for SAX error handlers.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>If a SAX application needs to implement customized error
* handling, it must implement this interface and then register an
* instance with the XML reader using the
* {@link org.xml.sax.XMLReader#setErrorHandler setErrorHandler}
* method.  The parser will then report all errors and warnings
* through this interface.</p>
*
* <p><strong>WARNING:</strong> If an application does <em>not</em>
* register an ErrorHandler, XML parsing errors will go unreported,
* except that <em>SAXParseException</em>s will be thrown for fatal errors.
* In order to detect validity errors, an ErrorHandler that does
 something
* with {@link #error error()} calls must be registered.</p>
*
* <p>For XML processing errors, a SAX driver must use this interface
* in preference to throwing an exception: it is up to the application
* to decide whether to throw an exception for different types of
* errors and warnings.  Note, however, that there is no requirement that
```

```
* the parser continue to report additional errors after a call to
* {@link #fatalError fatalError}.  In other words, a SAX driver class
* may throw an exception after reporting any fatalError.
* Also parsers may throw appropriate exceptions for non-XML errors.
* For example, {@link XMLReader#parse XMLReader.parse()} would throw
* an IOException for errors accessing entities or the document.</p>
*
* @since SAX 1.0
* @author David Megginson
* @version 2.0.1+ (sax2r3pre1)
* @see org.xml.sax.XMLReader#setErrorHandler
* @see org.xml.sax.SAXParseException
*/
```

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/ErrorHandler.java
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```
// NO WARRANTY!  This class is in the Public Domain.
/**
* Exception class for an unrecognized identifier.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>An XMLReader will throw this exception when it finds an
* unrecognized feature or property identifier; SAX applications and
* extensions may use this class for other, similar purposes.</p>
*
* @since SAX 2.0
* @author David Megginson
* @version 2.0.1 (sax2r2)
* @see org.xml.sax.SAXNotSupportedException
*/
```

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/SAXNotRecognizedException.java
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```
/*
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* Copyright (C) 2007 - Javolution (http://javolution.org/)
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```

*
* Permission to use, copy, modify, and distribute this software is
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*/

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/testing/AssertionException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/xml/XMLSerializable.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/xml/QName.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/context/Context.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/context/ArrayFactory.java
*
 /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/ws/WebServiceClient.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/context/ArrayFactory.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/context/Context.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/context/ImmortalContext.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/testing/TestCase.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/testing/TimeContext.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/lang/ValueType.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/testing/TestCase.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/testing/TestSuite.java
*
 /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/lang/Realtime.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/context/ImmortalContext.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/testing/TestContext.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/QName.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/context/AllocatorContext.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/xml/XMLSerializable.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/context/AllocatorContext.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/xml/ws/WebServiceClient.java

*
 /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/testing/TestSuite.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/testing/TimeContext.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/lang/ValueType.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/testing/TestContext.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/context/SecurityContext.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/testing/AssertionException.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/_templates/javolution/context/SecurityContext.java
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/javolution/lang/Realtime.java
No license file was found, but licenses were detected in source scan.

// NO WARRANTY! This class is in the public domain.
/**
* Receive notification of the logical content of a document.
*
* <blockquote>
* This module, both source code and documentation, is in the
* Public Domain, and comes with NO WARRANTY.
* See http://www.saxproject.org
* for further information.
* </blockquote>
*
* This is the main interface that most SAX applications
* implement: if the application needs to be informed of basic parsing
* events, it implements this interface and registers an instance with
* the SAX parser using the {@link org.xml.sax.XMLReader#setContentHandler
* setContentHandler} method. The parser uses the instance to report
* basic document-related events like the start and end of elements
* and character data.
*
* The order of events in this interface is very important, and
* mirrors the order
 of information in the document itself. For
* example, all of an element's content (character data, processing
* instructions, and/or subelements) will appear, in order, between
* the startElement event and the corresponding endElement event.
*
* This interface is similar to the now-deprecated SAX 1.0
* DocumentHandler interface, but it adds support for Namespaces
* and for reporting skipped entities (in non-validating XML
* processors).
*

```
* <p>Implementors should note that there is also a
* <code>ContentHandler</code> class in the <code>java.net</code>
* package; that means that it's probably a bad idea to do</p>
*
* <pre>import java.net.*;
* import org.xml.sax.*;
* </pre>
*
* <p>In fact, "import ...*" is usually a sign of sloppy programming
* anyway, so the user should consider this a feature rather than a
* bug.</p>
*
* @since SAX 2.0
* @author David Megginson
* @version 2.0.1+ (sax2r3pre1)
* @see org.xml.sax.XMLReader
* @see org.xml.sax.DTDHandler
 * @see org.xml.sax.ErrorHandler
*/
```

Found in path(s):
* /opt/cola/permits/1118987831_1608672578.56/0/javolution-5-5-1-sources-2-jar/org/xml/sax/ContentHandler.java

1.748 viper 1.7.1

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1.749 atk 2.34.2-0ubuntu2~20.04.1

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[This is the first released version of the library GPL. It is
numbered 2 because it goes with version 2 of the ordinary GPL.]

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changes to the library and recompiling
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If such an object file uses only numerical parameters, data
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functions (ten lines or less in length), then the
use of the object
file is unrestricted, regardless of whether it is legally a derivative
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b) Accompany
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the
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1.755 selinux 2.7-2build2

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This is the Debian packe for libselinux, and it is built from sources obtained from:
http://userspace.selinuxproject.org/trac/wiki/Releases

This package was debianized by Colin Walters <walters@debian.org> on
Thu, 3 Jul 2003 17:10:57 -0400.

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This package is maintained by Manoj Srivastava <srivasta@debian.org>.

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Manoj Srivastava <srivasta@debian.org>
arch-tag: d4250e44-a0e0-4ee0-adb9-2bd74f6eeb27

1.756 bzip2 1.0.6-8.1

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

1.757 cron 3.0pl1-136ubuntu1

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*/
```

$Id: INSTALL,v 2.5 1994/01/15 20:43:43 vixie Exp $

Read the comments at the top of the Makefile, then edit the area marked
'configurable
 stuff'.

Edit config.h. The stuff I expect you to change is down a bit from the
top of the file, but it's clearly marked. Also look at pathnames.h.

You don't have to create the /var/cron or /var/cron/tabs directories, since
both the daemon and the `crontab' program will do this the first time they
run if they don't exist. You do need to have a /var, though -- just "mkdir
/var" if you don't have one, or you can "mkdir /usr/var; ln -s /usr/var /var"
if you expect your /var to have a lot of stuff in it.

You will also need /usr/local/etc and /usr/local/bin directories unless you
change the Makefile. These will have to be created by hand, but if you are
a long-time Usenet user you probably have them already. /usr/local/man is
where I keep my man pages, but I have the source for `man' and you probably
do not. Therefore you may have to put the man pages into /usr/man/manl,
which will be hard since there will be name collisions. (Note that the man
command was originally written by
 Bill Joy before he left Berkeley, and it
contains no AT&T code, so it is in UUNET's archive of freely-distributable
BSD code.)

LINUX note: /usr/include/paths.h on some linux systems shows _PATH_SENDMAIL
 to be /usr/bin/sendmail even though sendmail is installed in /usr/lib.
 you should check this out.

say:
 make all

su and say:
 make install

Note that if I can get you to "su and say" something just by asking, you have
a very serious security problem on your system and you should look into it.

Edit your /usr/lib/crontab file into little pieces -- see the CONVERSION file
for help on this.

Use the `crontab' command to install all the little pieces you just created.
Some examples (see below before trying any of these!)

```
crontab -u uucp -r /usr/lib/uucp/crontab.src
crontab -u news -r /usr/lib/news/crontab.src
crontab -u root -r /usr/adm/crontab.src
```

Notes on above examples: (1) the .src files are copied at the time the
command is issued; changing the source files later will have
no effect until
they are reinstalled with another `crontab -r' command. (2) The crontab
command will affect the crontab of the person using the command unless `-u
USER' is given; `-u' only works for root. When using most `su' commands
under most BSD's, `crontab' will still think of you as yourself even though
you may think of yourself as root -- so use `-u' liberally. (3) the `-r'
option stands for `replace'; check the man page for crontab(1) for other
possibilities.

Kill your existing cron daemon -- do `ps aux' and look for /etc/cron.

Edit your /etc/rc or /etc/rc.local, looking for the line that starts up
/etc/cron. Comment it out and add a line to start the new cron daemon
-- usually /usr/local/etc/cron, unless you changed it in the Makefile.

Start up this cron daemon yourself as root. Just type /usr/local/etc/cron
(or whatever); no '&' is needed since the daemon forks itself and the
process you executed returns immediately.

ATT notes: for those people unfortunate enough to
be stuck on a AT&T UNIX,
you will need the public-domain "libndir", found in the B News source and in
any comp.sources.unix archive. You will also need to hack the code some.

Found in path(s):
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/INSTALL
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Found in path(s):
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/crontab.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/entry.c
*
 /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/misc.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/config.h
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/job.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/database.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/env.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/cron.h
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/user.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/cron.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/compat.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/do_command.c
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```

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* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/popen.c
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*
* @(#)bitstring.h 5.2
 (Berkeley) 4/4/90
*/
```

Found in path(s):
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/bitstring.h
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.\" */
```

.\"
.\" $Id: crontab.5,v 2.4 1994/01/15 20:43:43 vixie Exp $
.\"

Found in path(s):
*
/opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/crontab.5
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.\" */
.\"
.\" $Id: crontab.1,v 2.4 1993/12/31 10:47:33 vixie Exp $
.\"

Found in path(s):
*
/opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/crontab.1
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.\" @(#)bitstring.3 5.1
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.\"

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.\" */
.\"
.\" $Id: cron.8,v 2.2 1993/12/28 08:34:43 vixie Exp $
.\"

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*
/opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/cron.8
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# */
```

Vixie Cron V3.0
December 27, 1993
[V2.2 was some time in 1992]
[V2.1 was May 29, 1991]
[V2.0 was July 5, 1990]
[V2.0-beta
 was December 9, 1988]
[V1.0 was May 6, 1987]
Paul Vixie

This is a version of 'cron' that is known to run on BSD 4.[23] systems. It is functionally based on the SysV cron, which means that each user can have their own crontab file (all crontab files are stored in a read-protected directory, usually /var/cron/tabs). No direct support is provided for 'at'; you can continue to run 'atrun' from the crontab as you have been doing. If you don't have atrun (i.e., System V) you are in trouble.

A messages is logged each time a command is executed; also, the files "allow" and "deny" in /var/cron can be used to control access to the "crontab" command (which installs crontabs). It hasn't been tested on SysV, although some effort has gone into making the port an easy one.

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To use this: Sorry, folks, there is no cutesy 'Configure' script. You'll have to go edit a couple of files... So, here's the checklist:

```
 Read all the FEATURES, INSTALL, and CONVERSION files
 Edit config.h
 Edit Makefile
  (both of these files have instructions inside; note that
   some things in config.h are definable in Makefile and are
   therefore surrounded by #ifndef...#endif)
 'make'
 'su' and 'make install'
  (you may have to install the man pages by hand)
```

```
 kill your existing cron process
  (actually you can run your existing cron if you want, but why?)
 build new crontabs using /usr/lib/{crontab,crontab.local}
  (either put them all in "root"'s crontab, or divide it up
   and rip out all the 'su' commands, collapse the lengthy
   lists into
 ranges with steps -- basically, this step is
   as much work as you want to make it)
 start up the new cron
  (must be done as root)
 watch it. test it with 'crontab -r' and watch the daemon track your
  changes.
 if you like it, change your /etc/{rc,rc.local} to use it instead of
  the old one.

$Id: README,v 2.3 1993/12/28 08:34:43 vixie Exp $
```

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*/
```

Found in path(s):
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/compat.h
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/pathnames.h
*
 /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/externs.h
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1.758 attr 2.4.48-5

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1.760 xft 2.3.3-0ubuntu1

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1.762 gdbm 1.18.1-5

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* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-

jar/okhttp3/internal/platform/Jdk9Platform.java
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 /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-
jar/okhttp3/internal/ws/RealWebSocket.java
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jar/okhttp3/internal/http/CallServerInterceptor.java
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jar/okhttp3/internal/http/UnrepeatableRequestBody.java
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jar/okhttp3/internal/cache2/FileOperator.java
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jar/okhttp3/internal/platform/JdkWithJettyBootPlatform.java
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jar/okhttp3/internal/platform/AndroidPlatform.java
*
 /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-
jar/okhttp3/internal/tls/TrustRootIndex.java
* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-
jar/okhttp3/internal/http/RetryAndFollowUpInterceptor.java
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jar/okhttp3/internal/http2/StreamResetException.java
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jar/okhttp3/internal/tls/BasicTrustRootIndex.java
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jar/okhttp3/internal/tls/BasicCertificateChainCleaner.java
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1.770 libmaxminddb 1.4.2-0ubuntu1.20.04.1

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1.771 libxcrypt 4.4.10-10ubuntu4

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1.773 netty 4.1.25.Final

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1.775 libpthread-stubs 0.4-1

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Version: 1.1.0
Summary: Safely add untrusted strings to HTML/XML markup.
Home-page: https://www.palletsprojects.com/p/markupsafe/
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Description: MarkupSafe
==========

MarkupSafe implements a text object that escapes characters so it is
safe to use in HTML and XML. Characters that have special meanings are
replaced so that they display as the actual characters. This mitigates
injection attacks, meaning untrusted user input can safely be displayed
on a page.

Installing

Install and update using `pip`_:

.. code-block:: text

pip install -U MarkupSafe

.. _pip: https://pip.pypa.io/en/stable/quickstart/

Examples

.. code-block:: pycon

```
>>> from markupsafe import Markup, escape
>>> # escape replaces special characters and wraps in Markup
>>> escape('<script>alert(document.cookie);</script>')
Markup(u'&lt;script&gt;alert(document.cookie);&lt;/script&gt;')
>>> # wrap in Markup to mark text "safe" and prevent escaping
>>> Markup('<strong>Hello</strong>')
Markup('<strong>hello</strong>')
>>> escape(Markup('<strong>Hello</strong>'))
Markup('<strong>hello</strong>')
>>> # Markup is a text subclass (str on Python 3, unicode on Python 2)
>>> # methods and operators escape
```

their arguments

```
>>> template = Markup("Hello <em>%s</em>")
>>> template % '"World"'
Markup('Hello <em>&#34;World&#34;</em>')
```

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* Test status:

  * Linux, Mac: https://travis-ci.org/pallets/markupsafe
  * Windows: https://ci.appveyor.com/project/pallets/markupsafe

* Test coverage: https://codecov.io/gh/pallets/markupsafe

Platform: UNKNOWN
Classifier: Development Status :: 5 - Production/Stable
Classifier: Environment :: Web Environment
Classifier: Intended Audience :: Developers
Classifier: License :: OSI Approved :: BSD License
Classifier: Operating System :: OS Independent
Classifier: Programming Language :: Python
Classifier: Programming Language :: Python :: 2
Classifier: Programming Language :: Python :: 2.7
Classifier: Programming Language :: Python :: 3
Classifier: Programming Language :: Python :: 3.4
Classifier: Programming Language :: Python :: 3.5
Classifier: Programming Language :: Python :: 3.6
Classifier: Programming Language :: Python :: 3.7
Classifier: Topic :: Internet
:: WWW/HTTP :: Dynamic Content
Classifier: Topic :: Software Development :: Libraries :: Python Modules
Classifier: Topic :: Text Processing :: Markup :: HTML
Requires-Python: >=2.7,!=3.0.*,!=3.1.*,!=3.2.*,!=3.3.*

Found in path(s):
* /opt/cola/permits/1128978950_1612138213.64/0/markupsafe-1-1-0-orig-1-tar-gz/MarkupSafe-1.1.0/src/MarkupSafe.egg-info/PKG-INFO
* /opt/cola/permits/1128978950_1612138213.64/0/markupsafe-1-1-0-orig-1-tar-gz/MarkupSafe-1.1.0/PKG-INFO
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No license file was found, but licenses were detected in source scan.

```
/**
* markupsafe._speedups
* ~~~~~~~~~~~~~~~~~~~~
*
* C implementation of escaping for better performance. Used instead of
* the native Python implementation when compiled.
*
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*/
```

Found in path(s):
* /opt/cola/permits/1128978950_1612138213.64/0/markupsafe-1-1-0-orig-1-tar-gz/MarkupSafe-1.1.0/src/markupsafe/_speedups.c

1.780 jackson-xc 2.9.9

1.780.1 Available under license :

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1.783 nspr 4.25-1

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1.784 automation 1.11-8

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* /opt/cola/permits/1135840548_1613612864.41/0/automaton-1-11-8-sources-3-jar/dk/brics/automaton/BasicAutomata.java
*
 /opt/cola/permits/1135840548_1613612864.41/0/automaton-1-11-8-sources-3-jar/dk/brics/automaton/DatatypesAutomatonProvider.java
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1.785 httpcomponents-core 4.4.13

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*/
/**
   * Creates a new {@link AnalyzerAdapter}. <i>Subclasses must not use this
   * constructor</i>. Instead, they must use the
   * {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}
   * version.
   *
   * @param owner
   *
     the owner's class name.
   * @param access
   *          the method's access flags (see {@link Opcodes}).
   * @param name
   *          the method's name.
   * @param desc
   *          the method's descriptor (see {@link Type Type}).
   * @param mv
   *          the method visitor to which this adapter delegates calls. May
   *          be <tt>null</tt>.
   * @throws IllegalStateException
   *           If a subclass calls this constructor.
   */
```

Found in path(s):
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/commons/AnalyzerAdapter.java
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/**
   * Creates a new {@link GeneratorAdapter}. <i>Subclasses must not use this
   * constructor</i>. Instead, they must use the
   * {@link #GeneratorAdapter(int, MethodVisitor, int, String, String)}
   * version.
   *
   * @param mv
   *          the
 method visitor to which this adapter delegates calls.
   * @param access
   *          the method's access flags (see {@link Opcodes}).
   * @param name
   *          the method's name.
   * @param desc
   *          the method's descriptor (see {@link Type Type}).
   * @throws IllegalStateException
   *           If a subclass calls this constructor.
   */
```

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/**
   * Constructs a new {@link LocalVariableAnnotationNode}. <i>Subclasses must
   * not use this constructor</i>. Instead, they must use the
   * {@link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)}
   * version.
   *

   * @param typeRef
   *          a reference to the annotated type. See {@link TypeReference}.
   * @param typePath
   *          the path to the annotated type argument, wildcard bound, array
   *          element type, or static inner type within 'typeRef'. May be
   *          <tt>null</tt> if the annotation targets 'typeRef' as a whole.
   * @param start
   *          the fist instructions corresponding to the continuous ranges
   *          that make the scope of this local variable (inclusive).
   * @param end
   *          the last instructions corresponding to the continuous ranges
   *          that make the scope of this local variable (exclusive). This
```

```
    *           array must have the same size as the 'start' array.
    * @param index
    *           the local variable's index in each range. This array must have
    *           the same size as the 'start' array.
    * @param desc
    *           the class descriptor of
 the annotation class.
    */
```

Found in path(s):
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*/
/**
    * Creates a new JSRInliner. <i>Subclasses must not use this
    * constructor</i>. Instead, they must use the
    * {@link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
```

```
  * version.
  *
  * @param mv
  *
 the <code>MethodVisitor</code> to send the resulting inlined
  *          method code to (use <code>null</code> for none).
  * @param access
  *          the method's access flags (see {@link Opcodes}). This
  *          parameter also indicates if the method is synthetic and/or
  *          deprecated.
  * @param name
  *          the method's name.
  * @param desc
  *          the method's descriptor (see {@link Type}).
  * @param signature
  *          the method's signature. May be <tt>null</tt>.
  * @param exceptions
  *          the internal names of the method's exception classes (see
  *          {@link Type#getInternalName() getInternalName}). May be
  *          <tt>null</tt>.
  * @throws IllegalStateException
  *           If a subclass calls this constructor.
  */
```

Found in path(s):
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/commons/JSRInlinerAdapter.java
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jar/org/objectweb/asm/signature/package.html
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*/
/**
   * Constructs a new {@link ClassNode}. <i>Subclasses must not use this
   * constructor</i>. Instead, they must use the {@link #ClassNode(int)}
   * version.
   *
   * @throws IllegalStateException
   *         If a subclass calls this constructor.
    */
```

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/**
   * Constructs a new {@link Textifier}. <i>Subclasses must not use this
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   *
   * @throws IllegalStateException
   *         If a subclass calls this constructor.
    */
```

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jar/org/objectweb/asm/xml/SAXClassAdapter.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-
jar/org/objectweb/asm/xml/SAXAdapter.java
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jar/org/objectweb/asm/xml/ASMContentHandler.java
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jar/org/objectweb/asm/xml/SAXFieldAdapter.java
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* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/Label.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/Item.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/commons/StaticInitMerger.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/optimizer/MethodConstantsCollector.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/AnnotationVisitor.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/commons/RemappingMethodAdapter.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/analysis/Frame.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/MethodVisitor.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/analysis/BasicValue.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/ClassVisitor.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/ClassWriter.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/commons/Remapper.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/VarInsnNode.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/commons/LocalVariablesSorter.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/tree/AnnotationNode.java
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* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/util/TraceMethodVisitor.java
* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/Edge.java
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* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/Frame.java
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* /opt/cola/permits/1135840046_1613613019.19/0/asm-5-0-3-sources-7-jar/org/objectweb/asm/optimizer/FieldConstantsCollector.java
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1.790 commons-logging 1.2

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1.791 bcel 2.7.2

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*/
/**
* This is a special exception that is used to stop parsing when
* search for an element. For instance, when searching
 for xml:stylesheet
* PIs, it is used to stop the parse once the document element is found.
* @see StylesheetPIHandler
* @xsl.usage internal
*/

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/utils/StopParseException.java
No license file was found, but licenses were detected in source scan.

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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/transformer/QueuedEvents.java
*
 /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/compiler/XslAttribute.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-

jar/org/apache/xml/dtm/ref/NodeLocator.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/ToStream.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/runtime/MessageHandler.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/dom/KeyIndex.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/ElemDesc.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/templates/ElemForEach.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xpath/patterns/ContextMatchStepPattern.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xpath/res/XPATHErrorResources_zh.java
*
/opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xpath/functions/FuncBoolean.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/compiler/util/NodeSetType.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/compiler/CurrentCall.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/trax/TransformerHandlerImpl.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/compiler/When.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/compiler/util/SecuritySupport.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xpath/axes/WalkingIteratorSorted.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
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/opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/serializer/utils/SerializerMessages_ja.java
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jar/org/apache/xml/utils/StylesheetPIHandler.java
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jar/org/apache/xalan/xsltc/trax/TrAXFilter.java
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/LiteralExpr.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/ApplyImports.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/sql/ConnectionPoolManager.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/ProcessorAttributeSet.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/Quo.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/NSInfo.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/extensions/ExtensionHandlerJavaClass.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/dom3/DOMConstants.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/ExpandedNameTable.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/QName.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/DTMManager.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/GenerateIdCall.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/QName.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/transformer/TransformSnapshot.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/utils/SerializerMessages_ca.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/sql/QueryParameter.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/ErrorMessages_es.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/ProcessorOutputElem.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/Param.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/AttributeValueTemplate.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-

jar/org/apache/xalan/extensions/ObjectFactory.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xpath/res/XPATHErrorResources_ru.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/compiler/util/SlotAllocator.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/compiler/Number.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/utils/res/XResources_el.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/transformer/TransformerHandlerImpl.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/trax/DOM2TO.java
*
/opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/templates/Stylesheet.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/VariableStack.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/DTMWSFilter.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xpath/axes/FilterExprIteratorSimple.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/res/XSLTErrorResources_zh_CN.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/dom/MultiValuedNodeHeapIterator.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/res/XSLTErrorResources_zh_TW.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/templates/ElemElement.java
*
/opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/compiler/ConcatCall.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/res/XSLTErrorResources_de.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/transformer/ResultNameSpace.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/processor/ProcessorLRE.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/serializer/utils/SerializerMessages_fr.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/trax/ObjectFactory.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/utils/res/XResources_ja_JP_A.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/Gt.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/res/XMLErrorResources_fr.java
*

/opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/res/XMLErrorResources_cs.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/DTMConfigurationException.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/DTMNodeList.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/Axis.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/XUnresolvedVariable.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncFalse.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/SecuritySupport.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/ErrorMessages_sl.java
*
/opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/AbsoluteIterator.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/CurrentNodeListIterator.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/IllegalCharException.java
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* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
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* limitations under the License.
*/
/*
* $Id: Version.src 1225426 2011-12-29 04:13:08Z mrglavas $
*/
package org.apache.xalan;

/**
* Administrative
```

```
 class to keep track of the version number of
* the Xalan release.
* <P>This class implements the upcoming standard of having
* org.apache.project-name.Version.getVersion() be a standard way
* to get version information.  This class will replace the older
* org.apache.xalan.processor.Version class.</P>
* <P>See also: org/apache/xalan/res/XSLTInfo.properties for
* information about the version of the XSLT spec we support.</P>
* @xsl.usage general
*/
public class Version
{

 /**
  * Get the basic version string for the current Xalan release.
  * Version String formatted like
  * <CODE>"<B>Xalan</B> <B>Java</B> v.r[.dd| <B>D</B>nn]"</CODE>.
  *
  * Futurework: have this read version info from jar manifest.
  *
  * @return String denoting our current version
  */
 public static String getVersion()
 {
   return getProduct()+" "+getImplementationLanguage()+" "
        +getMajorVersionNum()+"."+getReleaseVersionNum()+"."

      +( (getDevelopmentVersionNum() > 0) ?
           ("D"+getDevelopmentVersionNum()) : (""+getMaintenanceVersionNum()));
 }

 /**
  * Print the processor version to the command line.
  *
  * @param argv command line arguments, unused.
  */
 public static void main(String argv[])
 {
  System.out.println(getVersion());
 }

 /**
  * Name of product: Xalan.
  */
 public static String getProduct()
 {
  return "Xalan";
 }
```

```
/**
 * Implementation Language: Java.
 */
public static String getImplementationLanguage()
{
  return "Java";
}


/**
 * Major version number.
 * Version number. This changes only when there is a
 *         significant, externally apparent enhancement from
 *         the previous release. 'n' represents the n'th
 *         version.
 *
 *         Clients should carefully consider the implications
 *         of new versions as external interfaces and behaviour
 *
        may have changed.
 */
public static int getMajorVersionNum()
{
  return @version.VERSION@;

}

/**
 * Release Number.
 * Release number. This changes when:
 *           -  a new set of functionality is to be added, eg,
 *              implementation of a new W3C specification.
 *           -  API or behaviour change.
 *           -  its designated as a reference release.
 */
public static int getReleaseVersionNum()
{
  return @version.RELEASE@;
}

/**
 * Maintenance Drop Number.
 * Optional identifier used to designate maintenance
 *         drop applied to a specific release and contains
 *         fixes for defects reported. It maintains compatibility
 *         with the release and contains no API changes.
 *         When missing, it designates the final and complete
```

```
 *        development drop for a release.
 */
public static int getMaintenanceVersionNum()
{
  return
@version.MINOR@;
}

/**
 * Development Drop Number.
 * Optional identifier designates development drop of
 *        a specific release. D01 is the first development drop
 *        of a new release.
 *
 *        Development drops are works in progress towards a
 *        compeleted, final release. A specific development drop
 *        may not completely implement all aspects of a new
 *        feature, which may take several development drops to
 *        complete. At the point of the final drop for the
 *        release, the D suffix will be omitted.
 *
 *        Each 'D' drops can contain functional enhancements as
 *        well as defect fixes. 'D' drops may not be as stable as
 *        the final releases.
 */
public static int getDevelopmentVersionNum()
{
  try {
      if ((new String("@version.DEVELOPER@")).length() == 0)
        return 0;
      else
        return Integer.parseInt("@version.DEVELOPER@");
   } catch (NumberFormatException nfe) {
         return 0;
  }
 }
}
```

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/Version.src
No license file was found, but licenses were detected in source scan.

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```

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* See the License for the specific language governing permissions and
* limitations under the License.
*/
/*
* $Id: Version.src 468654 2006-10-28 07:09:23Z minchau $
*/
package org.apache.xml.serializer;

/**
 * Administrative class to keep track of the version number of
* the Serializer release.
* <P>This class implements the upcoming standard of having
* org.apache.project-name.Version.getVersion() be a standard way
* to get version information.</P>
* @xsl.usage general
*/
public final class Version
{

 /**
  * Get the basic version string for the current Serializer.
  * Version String formatted like
  * <CODE>"<B>Serializer</B> <B>Java</B> v.r[.dd| <B>D</B>nn]"</CODE>.
  *
  * Futurework: have this read version info from jar manifest.
  *
  * @return String denoting our current version
  */
 public static String getVersion()
 {
   return getProduct()+" "+getImplementationLanguage()+" "
         +getMajorVersionNum()+"."+getReleaseVersionNum()+"."
         +( (getDevelopmentVersionNum() > 0) ?
            ("D"+getDevelopmentVersionNum()) : (""+getMaintenanceVersionNum()));
 }

 /**
  * Print the processor version to the command
 line.
  *
```

```
 * @param argv command line arguments, unused.
 */
public static void main(String argv[])
{
  System.out.println(getVersion());
}

/**
 * Name of product: Serializer.
 */
public static String getProduct()
{
  return "Serializer";
}

/**
 * Implementation Language: Java.
 */
public static String getImplementationLanguage()
{
  return "Java";
}


/**
 * Major version number.
 * Version number. This changes only when there is a
 *         significant, externally apparent enhancement from
 *         the previous release. 'n' represents the n'th
 *         version.
 *
 *         Clients should carefully consider the implications
 *         of new versions as external interfaces and behaviour
 *         may have changed.
 */
public static int getMajorVersionNum()
{
  return @version.VERSION@;

}

/**
 * Release Number.
 * Release number. This
changes when:
 *           -  a new set of functionality is to be added, eg,
 *              implementation of a new W3C specification.
 *           -  API or behaviour change.
```

```
 *          -  its designated as a reference release.
 */
public static int getReleaseVersionNum()
{
  return @version.RELEASE@;
}

/**
 * Maintenance Drop Number.
 * Optional identifier used to designate maintenance
 *        drop applied to a specific release and contains
 *        fixes for defects reported. It maintains compatibility
 *        with the release and contains no API changes.
 *        When missing, it designates the final and complete
 *        development drop for a release.
 */
public static int getMaintenanceVersionNum()
{
  return @version.MINOR@;
}

/**
 * Development Drop Number.
 * Optional identifier designates development drop of
 *        a specific release. D01 is the first development
drop
 *        of a new release.
 *
 *        Development drops are works in progress towards a
 *        compeleted, final release. A specific development drop
 *        may not completely implement all aspects of a new
 *        feature, which may take several development drops to
 *        complete. At the point of the final drop for the
 *        release, the D suffix will be omitted.
 *
 *        Each 'D' drops can contain functional enhancements as
 *        well as defect fixes. 'D' drops may not be as stable as
 *        the final releases.
 */
public static int getDevelopmentVersionNum()
{
  try {
      if ((new String("@version.DEVELOPER@")).length() == 0)
        return 0;
      else
        return Integer.parseInt("@version.DEVELOPER@");
  } catch (NumberFormatException nfe) {
         return 0;
```

```
  }
 }
}
```

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Version.src
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* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/
```

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/XPathLexer.java
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* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
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* limitations under the License.
*/
// Proprietary
```

/** The 'document-location()' id (Proprietary). */

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/compiler/FunctionTable.java
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* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/
/**
  * Major version number.
  * Version number. This changes only when there is a
  *         significant, externally apparent
 enhancement from
  *         the previous release. 'n' represents the n'th
  *         version.
  *
  *         Clients should carefully consider the implications
  *         of new versions as external interfaces and behaviour
  *         may have changed.
  */
```

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Version.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/XSLProcessorVersion.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/Version.java
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* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

/*
* $Id: xpath.cup 1225752 2011-12-30 04:12:46Z mrglavas $
*/

/*
* @author Jacek Ambroziak
* @author
 Santiago Pericas-Geertsen
* @author Morten Jorgensen
* @author G. Todd Miller
*/

package org.apache.xalan.xsltc.compiler;

import java.util.Stack;
import java.util.Vector;
import java.io.StringReader;
import java_cup.runtime.*;

import org.apache.xml.dtm.DTM;
import org.apache.xalan.xsltc.DOM;
import org.apache.xml.dtm.Axis;
import org.apache.xalan.xsltc.runtime.Operators;
import org.apache.xalan.xsltc.compiler.util.ErrorMsg;

parser code {:
   /**
    * Used by function calls with no args.
    */
   static public final Vector EmptyArgs = new Vector(0);

   /**
    * Reference to non-existing variable.
    */
   static public final VariableRef DummyVarRef = null;
```

```
  /**
   * Reference to the Parser class.
   */
  private Parser _parser;
  private XSLTC  _xsltc;

  /**
   * String representation of the expression being parsed.
   */
  private String _expression;

  /**
   * Line number where this expression/pattern
was declared.
   */
  private int _lineNumber = 0;

  /**
   * Reference to the symbol table.
   */
  public SymbolTable _symbolTable;

  public XPathParser(Parser parser) {
      _parser = parser;
_xsltc = parser.getXSLTC();
      _symbolTable = parser.getSymbolTable();
  }

  public int getLineNumber() {
      return _lineNumber;
  }

  public QName getQNameIgnoreDefaultNs(String name) {
        return _parser.getQNameIgnoreDefaultNs(name);
  }

  public QName getQName(String namespace, String prefix, String localname) {
      return _parser.getQName(namespace, prefix, localname);
  }

  public void setMultiDocument(boolean flag) {
        _xsltc.setMultiDocument(flag);
  }

  public void setCallsNodeset(boolean flag) {
        _xsltc.setCallsNodeset(flag);
  }
```

```
  public void setHasIdCall(boolean flag) {
        _xsltc.setHasIdCall(flag);
  }


  /**
   * This
method is similar to findNodeType(int, Object) except that it
   * creates a StepPattern instead of just returning a node type. It also
   * differs in the way it handles "{uri}:*" and "{uri}:@*". The last two
   * patterns are expanded as "*[namespace-uri() = 'uri']" and
   * "@*[namespace-uri() = 'uri']", respectively. This expansion considerably
   * simplifies the grouping of patterns in the Mode class. For this
   * expansion to be correct, the priority of the pattern/template must be
   * set to -0.25 (when no other predicates are present).
   */
  public StepPattern createStepPattern(int axis, Object test, Vector predicates) {
int nodeType;

if (test == null) {  // "*"
    nodeType = (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE :
 (axis == Axis.NAMESPACE) ? -1 : NodeTest.ELEMENT;

    return new StepPattern(axis, nodeType, predicates);
      }
      else if (test instanceof Integer) {
    nodeType = ((Integer) test).intValue();



   return new StepPattern(axis, nodeType, predicates);
      }
      else {
    QName name = (QName)test;
    boolean setPriority = false;

    if (axis == Axis.NAMESPACE) {
 nodeType = (name.toString().equals("*")) ? -1
   : _xsltc.registerNamespacePrefix(name);;
          }
    else {
 final String uri = name.getNamespace();
 final String local = name.getLocalPart();
 final QName namespace_uri =
     _parser.getQNameIgnoreDefaultNs("namespace-uri");

 // Expand {uri}:* to *[namespace-uri() = 'uri'] - same for @*
 if (uri != null && (local.equals("*") || local.equals("@*"))) {
```

```
    if (predicates == null) {
  predicates = new Vector(2);
    }

    // Priority is set by hand if no other predicates exist
    setPriority = (predicates.size() == 0);

    predicates.add(
  new Predicate(
     new EqualityExpr(Operators.EQ,
   new NamespaceUriCall(namespace_uri),
   new LiteralExpr(uri))));
 }

 if (local.equals("*"))
{
    nodeType = (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE
  : NodeTest.ELEMENT;
 }
 else if (local.equals("@*")) {
    nodeType = NodeTest.ATTRIBUTE;
 }
 else {
    nodeType = (axis == Axis.ATTRIBUTE) ? _xsltc.registerAttribute(name)
  : _xsltc.registerElement(name);
 }
   }

   final StepPattern result = new StepPattern(axis, nodeType, predicates);

   // Set priority for case prefix:* and prefix:@* (no predicates)
   if (setPriority) {
 result.setPriority(-0.25);
   }

   return result;
}
  }

  public int findNodeType(int axis, Object test) {
if (test == null) {  // *
   return (axis == Axis.ATTRIBUTE) ?
 NodeTest.ATTRIBUTE :
 (axis == Axis.NAMESPACE) ? -1 : NodeTest.ELEMENT;
     }
     else if (test instanceof Integer) {
         return ((Integer)test).intValue();
     }
```

```
    else {
   QName name = (QName)test;

   if (axis == Axis.NAMESPACE) {
 return (name.toString().equals("*"))
? -1
    : _xsltc.registerNamespacePrefix(name);
        }

   if (name.getNamespace() == null) {
 final String local = name.getLocalPart();

 if (local.equals("*")) {
    return (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE
 : NodeTest.ELEMENT;
 }
 else if (local.equals("@*")) {
    return NodeTest.ATTRIBUTE;
 }
   }

   return (axis == Axis.ATTRIBUTE) ? _xsltc.registerAttribute(name)
: _xsltc.registerElement(name);
    }
 }

 /**
  * Parse the expression passed to the current scanner. If this
  * expression contains references to local variables and it will be
  * compiled in an external module (not in the main class) request
  * the current template to create a new variable stack frame.
  *
  * @param lineNumber Line where the current expression is defined.
  * @param external   Set to <tt>true</tt> if this expression is
  *                   compiled in a separate module.
  *

  */
 public Symbol parse(String expression, int lineNumber) throws Exception {
    try {
  _expression = expression;
  _lineNumber = lineNumber;
  return super.parse();
    }
    catch (IllegalCharException e) {
        ErrorMsg err = new ErrorMsg(ErrorMsg.ILLEGAL_CHAR_ERR,
                                    lineNumber, e.getMessage());
        _parser.reportError(Constants.FATAL, err);
```

```
      }
      return null;
  }

  /**
   * Lookup a variable or parameter in the symbol table given its name.
   *
   * @param name Name of the symbol being looked up.
   */
  final SyntaxTreeNode lookupName(QName name) {
      // Is it a local var or param ?
      final SyntaxTreeNode result = _parser.lookupVariable(name);
if (result != null)
          return(result);
      else
    return(_symbolTable.lookupName(name));
  }

  public final void addError(ErrorMsg error) {
_parser.reportError(Constants.ERROR,
error);
  }

  public void report_error(String message, Object info) {
final ErrorMsg err = new ErrorMsg(ErrorMsg.SYNTAX_ERR, _lineNumber,
    _expression);
_parser.reportError(Constants.FATAL, err);
  }

  public void report_fatal_error(String message, Object info) {
      // empty
  }

  public RelativeLocationPath insertStep(Step step, RelativeLocationPath rlp) {
if (rlp instanceof Step) {
    return new ParentLocationPath(step, (Step) rlp);
}
else if (rlp instanceof ParentLocationPath) {
    final ParentLocationPath plp = (ParentLocationPath) rlp;
    final RelativeLocationPath newrlp = insertStep(step, plp.getPath());
    return new ParentLocationPath(newrlp, plp.getStep());
}
else {
    addError(new ErrorMsg(ErrorMsg.INTERNAL_ERR, "XPathParser.insertStep"));
    return rlp;
}
  }
```

```
  /**
   * Returns true if the axis applies to elements only. The axes
   * child, attribute, namespace, descendant
 result in non-empty
   * nodesets only if the context node is of type element.
   */
  public boolean isElementAxis(int axis) {
 return (axis == Axis.CHILD || axis == Axis.ATTRIBUTE ||
  axis == Axis.NAMESPACE || axis == Axis.DESCENDANT);
  }
:}

terminal SLASH, DOT, LBRACK, RBRACK, VBAR, LPAREN, RPAREN, STAR, COMMA;
terminal DOLLAR, ATSIGN;
terminal DDOT, DCOLON, DSLASH;
terminal EQ, NE;
terminal LT, GT, LE, GE;
terminal PLUS, MINUS, DIV, MOD, MULT;
terminal String Literal;
terminal String QNAME;
terminal ID, KEY, TEXT, NODE, OR, AND, COMMENT, PI, PIPARAM, PRECEDINGSIBLING;
terminal SELF, PARENT, CHILD, ATTRIBUTE, ANCESTOR, ANCESTORORSELF, DESCENDANT;
terminal DESCENDANTORSELF, FOLLOWING, FOLLOWINGSIBLING, NAMESPACE, PRECEDING;
terminal Double REAL;
terminal Long INT;
terminal PATTERN, EXPRESSION;

non terminal SyntaxTreeNode TopLevel;

non terminal Expression Expr, Argument, LocationPath;
non terminal Expression Predicate, FilterExpr, Step;
non
 terminal Expression OrExpr, AndExpr, EqualityExpr;
non terminal Expression RelationalExpr, AdditiveExpr;
non terminal Expression MultiplicativeExpr, UnaryExpr;
non terminal Expression VariableReference, FunctionCall;
non terminal Expression PrimaryExpr, UnionExpr, PathExpr, AbbreviatedStep;
non terminal Expression RelativeLocationPath, AbbreviatedRelativeLocationPath;
non terminal Expression AbsoluteLocationPath, AbbreviatedAbsoluteLocationPath;

non terminal Object NodeTest, NameTest;

non terminal IdKeyPattern IdKeyPattern;
non terminal Pattern Pattern;
non terminal Pattern LocationPathPattern;
non terminal StepPattern ProcessingInstructionPattern;
non terminal RelativePathPattern RelativePathPattern;
non terminal StepPattern StepPattern;
```

```
non terminal Object NodeTestPattern, NameTestPattern;

non terminal Vector Predicates, NonemptyArgumentList;
non terminal QName QName, FunctionName, VariableName;
non terminal Integer AxisName, AxisSpecifier;
non terminal
 Integer ChildOrAttributeAxisSpecifier;

precedence left VBAR;
precedence left OR;
precedence left AND;
precedence nonassoc EQ, NE;
precedence left LT, GT, LE, GE;

precedence left PLUS, MINUS;
precedence left DIV, MOD, MULT;
precedence left DOLLAR;
precedence left ATSIGN;
precedence right DCOLON;

start with TopLevel;

TopLevel ::= PATTERN Pattern:pattern
        {: RESULT = pattern; :}

        | EXPRESSION Expr:expr
        {: RESULT = expr; :};

/* --------------------------- Patterns ---------------------------------- */

Pattern ::= LocationPathPattern:lpp
        {: RESULT = lpp; :}

        | LocationPathPattern:lpp VBAR Pattern:p
        {: RESULT = new AlternativePattern(lpp, p);  :};

LocationPathPattern ::= SLASH
        {: RESULT = new AbsolutePathPattern(null); :}

        | SLASH RelativePathPattern:rpp
        {: RESULT = new AbsolutePathPattern(rpp); :}

        | IdKeyPattern:ikp

      {: RESULT = ikp; :}

        | IdKeyPattern:ikp SLASH RelativePathPattern:rpp
        {: RESULT = new ParentPattern(ikp, rpp); :}
```

```
        | IdKeyPattern:ikp DSLASH RelativePathPattern:rpp
        {: RESULT = new AncestorPattern(ikp, rpp); :}

        | DSLASH RelativePathPattern:rpp
        {: RESULT = new AncestorPattern(rpp); :}

        | RelativePathPattern:rpp
        {: RESULT = rpp; :};

IdKeyPattern ::= ID LPAREN Literal:l RPAREN
        {: RESULT = new IdPattern(l);
          parser.setHasIdCall(true);
        :}

        | KEY LPAREN Literal:l1 COMMA Literal:l2 RPAREN
        {: RESULT = new KeyPattern(l1, l2); :};

ProcessingInstructionPattern ::= PIPARAM LPAREN Literal:l RPAREN
        {: RESULT = new ProcessingInstructionPattern(l); :};

RelativePathPattern ::= StepPattern:sp
        {: RESULT = sp; :}

        | StepPattern:sp SLASH RelativePathPattern:rpp
        {: RESULT
 = new ParentPattern(sp, rpp); :}

        | StepPattern:sp DSLASH RelativePathPattern:rpp
        {: RESULT = new AncestorPattern(sp, rpp); :};

StepPattern ::= NodeTestPattern:nt
        {:
  RESULT = parser.createStepPattern(Axis.CHILD, nt, null);
        :}

        | NodeTestPattern:nt Predicates:pp
        {:
  RESULT = parser.createStepPattern(Axis.CHILD, nt, pp);
        :}

        | ProcessingInstructionPattern:pip
        {: RESULT = pip; :}

    | ProcessingInstructionPattern:pip Predicates:pp
        {: RESULT = (ProcessingInstructionPattern)pip.setPredicates(pp); :}

        | ChildOrAttributeAxisSpecifier:axis NodeTestPattern:nt
```

```
        {:
      RESULT = parser.createStepPattern(axis.intValue(), nt, null);
        :}

    | ChildOrAttributeAxisSpecifier:axis
   NodeTestPattern:nt Predicates:pp
        {:
      RESULT = parser.createStepPattern(axis.intValue(), nt, pp);
         :}

        | ChildOrAttributeAxisSpecifier:axis ProcessingInstructionPattern:pip
        {:
      RESULT = pip;  // TODO: report error if axis is attribute
    :}

    | ChildOrAttributeAxisSpecifier:axis ProcessingInstructionPattern:pip
  Predicates:pp
        {:
      // TODO: report error if axis is attribute
      RESULT = (ProcessingInstructionPattern)pip.setPredicates(pp);
    :};

NodeTestPattern ::= NameTestPattern:nt
        {: RESULT = nt; :}

        | NODE
        {: RESULT = new Integer(NodeTest.ANODE); :}

        | TEXT
        {: RESULT = new Integer(NodeTest.TEXT); :}

        | COMMENT
        {: RESULT = new Integer(NodeTest.COMMENT); :}

        | PI
        {: RESULT = new Integer(NodeTest.PI); :};

NameTestPattern ::= STAR
        {: RESULT = null; :}

        | QName:qn
        {: RESULT = qn; :};

ChildOrAttributeAxisSpecifier ::= ATSIGN

        {: RESULT = new Integer(Axis.ATTRIBUTE); :}

        | CHILD DCOLON
```

```
        {: RESULT = new Integer(Axis.CHILD); :}

        | ATTRIBUTE DCOLON
        {: RESULT = new Integer(Axis.ATTRIBUTE); :};

Predicates ::= Predicate:p
        {:
  Vector temp = new Vector();
  temp.addElement(p);
  RESULT = temp;
        :}

        | Predicate:p Predicates:pp
        {: pp.insertElementAt(p, 0); RESULT = pp; :};

Predicate ::=  LBRACK Expr:e RBRACK
    {:
  RESULT = new Predicate(e);
    :};

/* --------------------------- Expressions --------------------------------- */

Expr ::= OrExpr:ex
      {: RESULT = ex; :};

OrExpr ::= AndExpr:ae
      {: RESULT = ae; :}

      | OrExpr:oe OR AndExpr:ae
      {: RESULT = new LogicalExpr(LogicalExpr.OR, oe, ae); :};

AndExpr ::= EqualityExpr:e
      {: RESULT = e; :}

      | AndExpr:ae AND EqualityExpr:ee
      {: RESULT = new LogicalExpr(LogicalExpr.AND,
 ae, ee); :};

EqualityExpr ::= RelationalExpr:re
      {: RESULT = re; :}

      | EqualityExpr:ee EQ RelationalExpr:re
      {: RESULT = new EqualityExpr(Operators.EQ, ee, re); :}

      | EqualityExpr:ee NE RelationalExpr:re
      {: RESULT = new EqualityExpr(Operators.NE, ee, re); :};

RelationalExpr ::= AdditiveExpr:ae
```

```
        {: RESULT = ae; :}

        | RelationalExpr:re LT AdditiveExpr:ae
        {: RESULT = new RelationalExpr(Operators.LT, re, ae); :}

        | RelationalExpr:re GT AdditiveExpr:ae
        {: RESULT = new RelationalExpr(Operators.GT, re, ae); :}

        | RelationalExpr:re LE AdditiveExpr:ae
        {: RESULT = new RelationalExpr(Operators.LE, re, ae); :}

        | RelationalExpr:re GE AdditiveExpr:ae
        {: RESULT = new RelationalExpr(Operators.GE, re, ae); :};

AdditiveExpr ::= MultiplicativeExpr:me
        {: RESULT = me; :}

        | AdditiveExpr:ae PLUS  MultiplicativeExpr:me
        {: RESULT = new BinOpExpr(BinOpExpr.PLUS,
 ae, me); :}

        | AdditiveExpr:ae MINUS MultiplicativeExpr:me
        {: RESULT = new BinOpExpr(BinOpExpr.MINUS, ae, me); :};

MultiplicativeExpr ::= UnaryExpr:ue
        {: RESULT = ue; :}

        | MultiplicativeExpr:me MULT UnaryExpr:ue
        {: RESULT = new BinOpExpr(BinOpExpr.TIMES, me, ue); :}

        | MultiplicativeExpr:me DIV UnaryExpr:ue
        {: RESULT = new BinOpExpr(BinOpExpr.DIV, me, ue); :}

        | MultiplicativeExpr:me MOD UnaryExpr:ue
        {: RESULT = new BinOpExpr(BinOpExpr.MOD, me, ue); :};

UnaryExpr ::= UnionExpr:ue
        {: RESULT = ue; :}

        | MINUS UnaryExpr:ue
        {: RESULT = new UnaryOpExpr(ue); :};

UnionExpr ::= PathExpr:pe
        {: RESULT = pe; :}

        | PathExpr:pe VBAR UnionExpr:rest
        {: RESULT = new UnionPathExpr(pe, rest); :};
```

```
PathExpr ::= LocationPath:lp
      {: RESULT = lp; :}

      | FilterExpr:fexp
      {: RESULT = fexp; :}

      | FilterExpr:fexp
 SLASH RelativeLocationPath:rlp
      {: RESULT = new FilterParentPath(fexp, rlp); :}

      | FilterExpr:fexp DSLASH RelativeLocationPath:rlp
      {:
        //
   // Expand '//' into '/descendant-or-self::node()/' or
   // into /descendant-or-self::*/
   //
   int nodeType = DOM.NO_TYPE;
   if (rlp instanceof Step &&
       parser.isElementAxis(((Step) rlp).getAxis()))
   {
       nodeType = DTM.ELEMENT_NODE;
   }
         final Step step = new Step(Axis.DESCENDANTORSELF, nodeType, null);
         FilterParentPath fpp = new FilterParentPath(fexp, step);
         fpp = new FilterParentPath(fpp, rlp);
         if (fexp instanceof KeyCall == false) {
             fpp.setDescendantAxis();
   }
         RESULT = fpp;
      :};

LocationPath ::= RelativeLocationPath:rlp
      {: RESULT = rlp; :}

      | AbsoluteLocationPath:alp
      {: RESULT = alp; :};

RelativeLocationPath ::= Step:step
      {: RESULT
 = step; :}

      | RelativeLocationPath:rlp SLASH Step:step
      {:
      if (rlp instanceof Step && ((Step) rlp).isAbbreviatedDot()) {
           RESULT = step;       // Remove './' from the middle
      }
      else if (((Step) step).isAbbreviatedDot()) {
           RESULT = rlp;        // Remove '/.' from the end
```

```
      }
      else {
          RESULT =
            new ParentLocationPath((RelativeLocationPath) rlp, step);
        }
      :}

      | AbbreviatedRelativeLocationPath:arlp
      {: RESULT = arlp; :};

AbsoluteLocationPath ::= SLASH
      {: RESULT = new AbsoluteLocationPath(); :}

      | SLASH RelativeLocationPath:rlp
      {: RESULT = new AbsoluteLocationPath(rlp); :}

      | AbbreviatedAbsoluteLocationPath:aalp
      {: RESULT = aalp; :};

AbbreviatedRelativeLocationPath ::= RelativeLocationPath:rlp DSLASH Step:step
      {:
    final Step right  = (Step)step;
         final
 int  axis   = right.getAxis();
         final int  type   = right.getNodeType();
         final Vector predicates = right.getPredicates();

         if ((axis == Axis.CHILD) && (type != NodeTest.ATTRIBUTE)) {
            // Compress './/child:E' into 'descendant::E' - if possible
            if (predicates == null) {
               right.setAxis(Axis.DESCENDANT);
               if (rlp instanceof Step && ((Step)rlp).isAbbreviatedDot()) {
             RESULT = right;
               }
               else {
                  // Expand 'rlp//child::E' into 'rlp/descendant::E'
                  RelativeLocationPath left = (RelativeLocationPath)rlp;
             RESULT = new ParentLocationPath(left, right);
               }
            }
            else {
               // Expand './/step' -> 'descendant-or-self::*/step'
               if (rlp instanceof Step && ((Step)rlp).isAbbreviatedDot()) {

         Step left = new Step(Axis.DESCENDANTORSELF,
      DTM.ELEMENT_NODE, null);
                  RESULT = new ParentLocationPath(left, right);
               }
```

```
            else {
                // Expand 'rlp//step' -> 'rlp/descendant-or-self::*/step'
                RelativeLocationPath left = (RelativeLocationPath)rlp;
                Step mid = new Step(Axis.DESCENDANTORSELF,
    DTM.ELEMENT_NODE, null);
                ParentLocationPath ppl = new ParentLocationPath(mid, right);
                RESULT = new ParentLocationPath(left, ppl);
            }
        }
      }
      else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
        // Expand 'rlp//step' -> 'rlp/descendant-or-self::*/step'
        RelativeLocationPath left = (RelativeLocationPath)rlp;
        Step middle = new Step(Axis.DESCENDANTORSELF,
    DTM.ELEMENT_NODE, null);

        ParentLocationPath ppl = new ParentLocationPath(middle, right);
        RESULT = new ParentLocationPath(left, ppl);
  }
  else {
     // Expand 'rlp//step' -> 'rlp/descendant-or-self::node()/step'
        RelativeLocationPath left = (RelativeLocationPath)rlp;
     Step middle = new Step(Axis.DESCENDANTORSELF,
    DOM.NO_TYPE, null);
        ParentLocationPath ppl = new ParentLocationPath(middle, right);
     RESULT = new ParentLocationPath(left, ppl);
  }
    :};


AbbreviatedAbsoluteLocationPath ::= DSLASH RelativeLocationPath:rlp
    {:
      //
  // Expand '//' into '/descendant-or-self::node()/' or
  // into /descendant-or-self::*/
  //
  int nodeType = DOM.NO_TYPE;
  if (rlp instanceof Step &&
     parser.isElementAxis(((Step) rlp).getAxis()))
  {
     nodeType = DTM.ELEMENT_NODE;
  }
  final Step step = new Step(Axis.DESCENDANTORSELF, nodeType, null);
  RESULT =
 new AbsoluteLocationPath(parser.insertStep(step,
  (RelativeLocationPath) rlp));
 :};
```

```
Step ::= NodeTest:ntest
      {:
         if (ntest instanceof Step) {
            RESULT = (Step)ntest;
         }
         else {
  RESULT = new Step(Axis.CHILD,
                     parser.findNodeType(Axis.CHILD, ntest),
                     null);
         }
      :}

      | NodeTest:ntest Predicates:pp
      {:
         if (ntest instanceof Step) {
            Step step = (Step)ntest;
            step.addPredicates(pp);
            RESULT = (Step)ntest;
         }
         else {
            RESULT = new Step(Axis.CHILD,
                     parser.findNodeType(Axis.CHILD, ntest), pp);
         }
      :}

      | AxisSpecifier:axis NodeTest:ntest Predicates:pp
      {: RESULT = new Step(axis.intValue(),
                     parser.findNodeType(axis.intValue(), ntest),
                      pp);
      :}

      | AxisSpecifier:axis NodeTest:ntest
      {: RESULT = new Step(axis.intValue(),
                     parser.findNodeType(axis.intValue(), ntest),
                     null);
      :}

      | AbbreviatedStep:abbrev
      {: RESULT = abbrev; :};

AxisSpecifier ::= AxisName:an DCOLON
      {: RESULT = an; :}

      | ATSIGN
      {: RESULT = new Integer(Axis.ATTRIBUTE); :};

AxisName ::=    ANCESTOR
      {: RESULT = new Integer(Axis.ANCESTOR); :}
```

```
        | ANCESTORORSELF
        {: RESULT = new Integer(Axis.ANCESTORORSELF); :}

        | ATTRIBUTE
        {: RESULT = new Integer(Axis.ATTRIBUTE); :}

        | CHILD
        {: RESULT = new Integer(Axis.CHILD); :}

        | DESCENDANT
        {: RESULT = new Integer(Axis.DESCENDANT); :}

        | DESCENDANTORSELF
        {: RESULT = new Integer(Axis.DESCENDANTORSELF); :}

        | FOLLOWING
        {: RESULT = new
    Integer(Axis.FOLLOWING); :}

        | FOLLOWINGSIBLING
        {: RESULT = new Integer(Axis.FOLLOWINGSIBLING); :}

        | NAMESPACE
        {: RESULT = new Integer(Axis.NAMESPACE); :}

        | PARENT
        {: RESULT = new Integer(Axis.PARENT); :}

        | PRECEDING
        {: RESULT = new Integer(Axis.PRECEDING); :}

        | PRECEDINGSIBLING
        {: RESULT = new Integer(Axis.PRECEDINGSIBLING); :}

        | SELF
        {: RESULT = new Integer(Axis.SELF); :};

    AbbreviatedStep ::= DOT
        {: RESULT = new Step(Axis.SELF, NodeTest.ANODE, null); :}

        | DDOT
        {: RESULT = new Step(Axis.PARENT, NodeTest.ANODE, null); :};

    FilterExpr ::=  PrimaryExpr:primary
        {: RESULT = primary; :}

        | PrimaryExpr:primary Predicates:pp
```

```
      {: RESULT = new FilterExpr(primary, pp); :};

PrimaryExpr ::= VariableReference:vr
      {: RESULT = vr; :}

      | LPAREN Expr:ex RPAREN
      {: RESULT = ex; :}

| Literal:string
{:

/*
* If the string appears to have the syntax of a QName, store
* namespace info in the literal expression. This is used for
* element-available and function-available functions, among
* others. Also, the default namespace must be ignored.
*/
String namespace = null;
final int index = string.lastIndexOf(':');

if (index > 0) {
    final String prefix = string.substring(0, index);
    namespace = parser._symbolTable.lookupNamespace(prefix);
}
RESULT = (namespace == null) ? new LiteralExpr(string)
      : new LiteralExpr(string, namespace);
:}

      | INT:num
      {:
   long value = num.longValue();
   if (value < Integer.MIN_VALUE || value > Integer.MAX_VALUE) {
 RESULT = new RealExpr(value);
   }
   else {
            if (num.doubleValue() == -0)
               RESULT = new RealExpr(num.doubleValue());
            else if (num.intValue() == 0)
               RESULT = new IntExpr(num.intValue());

        else if (num.doubleValue() == 0.0)
               RESULT = new RealExpr(num.doubleValue());
            else
               RESULT = new IntExpr(num.intValue());
   }
      :}

      | REAL:num
```

```
    {: RESULT = new RealExpr(num.doubleValue()); :}

    | FunctionCall:fc
    {: RESULT = fc; :};

VariableReference ::= DOLLAR VariableName:varName
    {:
      // An empty qname prefix for a variable or parameter reference
      // should map to the null namespace and not the default URI.
      SyntaxTreeNode node = parser.lookupName(varName);

      if (node != null) {
        if (node instanceof Variable) {
          RESULT = new VariableRef((Variable)node);
        }
        else if (node instanceof Param) {
          RESULT = new ParameterRef((Param)node);
        }
        else {
          RESULT = new UnresolvedRef(varName);
         }
      }

      if (node == null) {
        RESULT = new UnresolvedRef(varName);
      }
    :};

FunctionCall ::= FunctionName:fname LPAREN RPAREN
    {:

     if (parser.getQNameIgnoreDefaultNs("current").equals(fname)) {
      RESULT = new CurrentCall(fname);
  }
     else if (parser.getQNameIgnoreDefaultNs("number").equals(fname)) {
      RESULT = new NumberCall(fname, parser.EmptyArgs);
  }
     else if (parser.getQNameIgnoreDefaultNs("string").equals(fname)) {
      RESULT = new StringCall(fname, parser.EmptyArgs);
  }
     else if (parser.getQNameIgnoreDefaultNs("concat").equals(fname)) {
      RESULT = new ConcatCall(fname, parser.EmptyArgs);
  }
     else if (parser.getQNameIgnoreDefaultNs("true").equals(fname)) {
      RESULT = new BooleanExpr(true);
  }
     else if (parser.getQNameIgnoreDefaultNs("false").equals(fname)) {
```

```
 RESULT = new BooleanExpr(false);
}
     else if (parser.getQNameIgnoreDefaultNs("name").equals(fname)) {
       RESULT = new NameCall(fname);
}
     else if (parser.getQNameIgnoreDefaultNs("generate-id").equals(fname)) {
       RESULT = new GenerateIdCall(fname, parser.EmptyArgs);
}
     else if (parser.getQNameIgnoreDefaultNs("string-length").equals(fname)) {
       RESULT = new StringLengthCall(fname, parser.EmptyArgs);
}
     else if (parser.getQNameIgnoreDefaultNs("position").equals(fname)) {
       RESULT = new PositionCall(fname);
}
     else if (parser.getQNameIgnoreDefaultNs("last").equals(fname)) {
       RESULT = new LastCall(fname);
}
     else if (parser.getQNameIgnoreDefaultNs("local-name").equals(fname)) {
       RESULT = new LocalNameCall(fname);
}
     else if (parser.getQNameIgnoreDefaultNs("namespace-uri").equals(fname)) {
       RESULT = new NamespaceUriCall(fname);

}
     else {
       RESULT = new FunctionCall(fname, parser.EmptyArgs);
}
    :}

    | FunctionName:fname LPAREN NonemptyArgumentList:argl RPAREN
    {:
     if (parser.getQNameIgnoreDefaultNs("concat").equals(fname)) {
       RESULT = new ConcatCall(fname, argl);
}
     else if (parser.getQNameIgnoreDefaultNs("number").equals(fname)) {
       RESULT = new NumberCall(fname, argl);
}
     else if (parser.getQNameIgnoreDefaultNs("document").equals(fname)) {
  parser.setMultiDocument(true);
       RESULT = new DocumentCall(fname, argl);
}
     else if (parser.getQNameIgnoreDefaultNs("string").equals(fname)) {
       RESULT = new StringCall(fname, argl);
}
     else if (parser.getQNameIgnoreDefaultNs("boolean").equals(fname)) {
       RESULT = new BooleanCall(fname, argl);
}
     else if (parser.getQNameIgnoreDefaultNs("name").equals(fname)) {
```

```
    RESULT = new NameCall(fname, argl);
  }
      else if (parser.getQNameIgnoreDefaultNs("generate-id").equals(fname)) {
        RESULT = new GenerateIdCall(fname, argl);
  }
      else if (parser.getQNameIgnoreDefaultNs("not").equals(fname)) {
        RESULT = new NotCall(fname, argl);
  }
      else if (parser.getQNameIgnoreDefaultNs("format-number").equals(fname)) {
        RESULT = new FormatNumberCall(fname, argl);
  }
      else if (parser.getQNameIgnoreDefaultNs("unparsed-entity-uri").equals(fname)) {
        RESULT = new UnparsedEntityUriCall(fname, argl);
  }
      else if (parser.getQNameIgnoreDefaultNs("key").equals(fname)) {
        RESULT = new KeyCall(fname, argl);
  }
      else if (parser.getQNameIgnoreDefaultNs("id").equals(fname)) {
        RESULT = new KeyCall(fname, argl);
        parser.setHasIdCall(true);
  }
      else if (parser.getQNameIgnoreDefaultNs("ceiling").equals(fname))
{
        RESULT = new CeilingCall(fname, argl);
  }
      else if (parser.getQNameIgnoreDefaultNs("round").equals(fname)) {
        RESULT = new RoundCall(fname, argl);
  }
      else if (parser.getQNameIgnoreDefaultNs("floor").equals(fname)) {
        RESULT = new FloorCall(fname, argl);
  }
      else if (parser.getQNameIgnoreDefaultNs("contains").equals(fname)) {
        RESULT = new ContainsCall(fname, argl);
  }
      else if (parser.getQNameIgnoreDefaultNs("string-length").equals(fname)) {
        RESULT = new StringLengthCall(fname, argl);
  }
      else if (parser.getQNameIgnoreDefaultNs("starts-with").equals(fname)) {
        RESULT = new StartsWithCall(fname, argl);
  }
      else if (parser.getQNameIgnoreDefaultNs("function-available").equals(fname)) {
        RESULT = new FunctionAvailableCall(fname, argl);
  }
      else if (parser.getQNameIgnoreDefaultNs("element-available").equals(fname))
{
        RESULT = new ElementAvailableCall(fname, argl);
  }
```

```
        else if (parser.getQNameIgnoreDefaultNs("local-name").equals(fname)) {
          RESULT = new LocalNameCall(fname, argl);
    }
        else if (parser.getQNameIgnoreDefaultNs("lang").equals(fname)) {
          RESULT = new LangCall(fname, argl);
    }
        else if (parser.getQNameIgnoreDefaultNs("namespace-uri").equals(fname)) {
          RESULT = new NamespaceUriCall(fname, argl);
    }
        else if (parser.getQName(Constants.TRANSLET_URI, "xsltc", "cast").equals(fname)) {
          RESULT = new CastCall(fname, argl);
    }
    // Special case for extension function nodeset()
        else if (fname.getLocalPart().equals("nodeset") || fname.getLocalPart().equals("node-set")) {
      parser.setCallsNodeset(true);  // implies MultiDOM
          RESULT = new FunctionCall(fname, argl);
    }
        else {
          RESULT = new FunctionCall(fname, argl);
    }
    :};

NonemptyArgumentList
 ::= Argument:arg
       {:
          Vector temp = new Vector();
          temp.addElement(arg);
          RESULT = temp;
       :}

       | Argument:arg COMMA NonemptyArgumentList:argl
       {: argl.insertElementAt(arg, 0); RESULT = argl; :};

FunctionName ::= QName:fname
       {:
     RESULT = fname;
 :};

VariableName ::= QName:vname
       {:
     RESULT = vname;
 :};

Argument ::= Expr:ex
       {: RESULT = ex; :};

NodeTest ::= NameTest:nt
       {: RESULT = nt; :}
```

```
    | NODE
    {: RESULT = new Integer(NodeTest.ANODE); :}

    | TEXT
    {: RESULT = new Integer(NodeTest.TEXT); :}

    | COMMENT
    {: RESULT = new Integer(NodeTest.COMMENT); :}

    | PIPARAM LPAREN Literal:l RPAREN
    {:
      QName name = parser.getQNameIgnoreDefaultNs("name");
      Expression exp = new EqualityExpr(Operators.EQ,
                                        new NameCall(name),
                                        new LiteralExpr(l));
      Vector predicates = new Vector();
      predicates.addElement(new Predicate(exp));
      RESULT = new Step(Axis.CHILD, NodeTest.PI, predicates);
    :}

    | PI
    {: RESULT = new Integer(NodeTest.PI); :};

NameTest ::= STAR
        {: RESULT = null; :}

        | QName:qn
        {: RESULT = qn; :};

QName ::= QNAME:qname
    {: RESULT = parser.getQNameIgnoreDefaultNs(qname); :}

 | DIV
    {: RESULT = parser.getQNameIgnoreDefaultNs("div"); :}

    | MOD
    {: RESULT = parser.getQNameIgnoreDefaultNs("mod"); :}

    | KEY
    {: RESULT = parser.getQNameIgnoreDefaultNs("key"); :}

    | ANCESTOR
    {: RESULT = parser.getQNameIgnoreDefaultNs("child"); :}

    | ANCESTORORSELF
    {: RESULT = parser.getQNameIgnoreDefaultNs("ancestor-or-self"); :}
```

```
      | ATTRIBUTE
      {: RESULT
 = parser.getQNameIgnoreDefaultNs("attribute"); :}

      | CHILD
      {: RESULT = parser.getQNameIgnoreDefaultNs("child"); :}

      | DESCENDANT
      {: RESULT = parser.getQNameIgnoreDefaultNs("decendant"); :}

      | DESCENDANTORSELF
      {: RESULT = parser.getQNameIgnoreDefaultNs("decendant-or-self"); :}

      | FOLLOWING
      {: RESULT = parser.getQNameIgnoreDefaultNs("following"); :}

      | FOLLOWINGSIBLING
      {: RESULT = parser.getQNameIgnoreDefaultNs("following-sibling"); :}

      | NAMESPACE
      {: RESULT = parser.getQNameIgnoreDefaultNs("namespace"); :}

      | PARENT
      {: RESULT = parser.getQNameIgnoreDefaultNs("parent"); :}

      | PRECEDING
      {: RESULT = parser.getQNameIgnoreDefaultNs("preceding"); :}

      | PRECEDINGSIBLING
      {: RESULT = parser.getQNameIgnoreDefaultNs("preceding-sibling"); :}

      | SELF
      {: RESULT = parser.getQNameIgnoreDefaultNs("self"); :}


    | ID
      {: RESULT = parser.getQNameIgnoreDefaultNs("id"); :};
```

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/xpath.cup
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Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Encodings.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/XMLEntities.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/output_text.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/res/XSLTInfo.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/output_xml.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/Makefile.inc
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/output_unknown.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/HTMLEntities.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/output_html.properties
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*/
// is found, then throw a special exception in order to terminate
```

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/TransformerFactoryImpl.java
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```
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```

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* limitations under the License.
*/
// Attribution to: "Voytenko, Dimitry" <DVoytenko@SECTORBASE.COM>

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/ToHTMLStream.java
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*/

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/domapi/XPathStylesheetDOM3Exception.java
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/package.html
*
/opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/transformer/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/client/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/processor/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/domapi/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/templates/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/extensions/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xpath/operations/package.html
*
/opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/compiler/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/patterns/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/sql/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xslt/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/res/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/objects/package.html
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/axes/package.html
*
/opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/res/package.html
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* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
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* limitations under the License.
*/
/**
* Execute the proprietary document-location() function, which returns
* a node set of documents.
* @xsl.usage advanced
 */
```

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncDoclocation.java
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* limitations under the License.
*/
/*
* $Id: XSLProcessorVersion.src 468640 2006-10-28 06:53:53Z minchau $
*/
package org.apache.xalan.processor;

/**
 * Administrative class to keep track of the version number of
* the Xalan release.
* <P>See also: org/apache/xalan/res/XSLTInfo.properties</P>
* @deprecated To be replaced by org.apache.xalan.Version.getVersion()
```

```
* @xsl.usage general
*/
public class XSLProcessorVersion
{

 /**
  * Print the processor version to the command line.
  *
  * @param argv command line arguments, unused.
  */
 public static void main(String argv[])
 {
   System.out.println(S_VERSION);
 }

 /**
  * Constant name of product.
  */
 public static final String PRODUCT = "Xalan";

 /**
  * Implementation Language.
  */
 public static final String LANGUAGE = "Java";

 /**
  * Major version number.
  * Version number. This changes only when there is a
  *         significant, externally apparent enhancement from
  *         the previous release. 'n' represents the n'th
  *         version.
  *
  *         Clients should carefully consider
 the implications
  *         of new versions as external interfaces and behaviour
  *         may have changed.
  */
 public static final int VERSION = @version.VERSION@;

 /**
  * Release Number.
  * Release number. This changes when:
  *           - a new set of functionality is to be added, eg,
  *             implementation of a new W3C specification.
  *           - API or behaviour change.
  *           - its designated as a reference release.
  */
 public static final int RELEASE = @version.RELEASE@;
```

```
/**
 * Maintenance Drop Number.
 * Optional identifier used to designate maintenance
 *        drop applied to a specific release and contains
 *        fixes for defects reported. It maintains compatibility
 *        with the release and contains no API changes.
 *        When missing, it designates the final and complete
 *        development drop for a release.
 */
public static final int MAINTENANCE
= @version.MINOR@;

/**
 * Development Drop Number.
 * Optional identifier designates development drop of
 *        a specific release. D01 is the first development drop
 *        of a new release.
 *
 *        Development drops are works in progress towards a
 *        compeleted, final release. A specific development drop
 *        may not completely implement all aspects of a new
 *        feature, which may take several development drops to
 *        complete. At the point of the final drop for the
 *        release, the D suffix will be omitted.
 *
 *        Each 'D' drops can contain functional enhancements as
 *        well as defect fixes. 'D' drops may not be as stable as
 *        the final releases.
 */
public static final int DEVELOPMENT = 0;

/**
 * Version String like <CODE>"<B>Xalan</B> <B>Language</B>
 * v.r[.dd| <B>D</B>nn]"</CODE>.
 * <P>Semantics of the version string are
identical to the Xerces project.</P>
 */
public static final String S_VERSION = PRODUCT+" "+LANGUAGE+" "
                        +VERSION+"."+RELEASE+"."
                        +(DEVELOPMENT > 0 ? ("D"+DEVELOPMENT)
                         : (""+MAINTENANCE));

}
```

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/XSLProcessorVersion.src

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*/
/*
* $Id: xpath.lex 1225752 2011-12-30 04:12:46Z mrglavas $
*/

/*
* @author Jacek Ambroziak
* @author
 Santiago Pericas-Geertsen
* @author Morten Jorgensen
*
*/

package org.apache.xalan.xsltc.compiler;

import java_cup.runtime.Symbol;
%%
%cup
%unicode
%class XPathLexer
%yyeof

%{
      int last;

      void initialize() {
         last = -1;
      }

      static boolean isWhitespace(int c) {
         return (c == ' ' || c == '\t' || c == '\r' || c == '\n'  || c == '\f');
```

```
    }

    /**
     * If symbol is not followed by '::' or '(', then treat it as a
     * name instead of an axis or function (Jira-1912).
     */
    Symbol disambiguateAxisOrFunction(int ss) throws Exception {
        // Peek in the input buffer without changing the internal state
        int index = yy_buffer_index;

        // Skip whitespace
        while (index < yy_buffer_read && isWhitespace(yy_buffer[index])) {
            index++;
        }

        // If end of buffer, can't disambiguate :(

     if (index >= yy_buffer_read) {
            // Can't disambiguate, so return as symbol
            return new Symbol(ss);
        }

        // Return symbol if next token is '::' or '('
        return (yy_buffer[index] == ':' && yy_buffer[index+1] == ':' ||
                yy_buffer[index] == '(') ?
                newSymbol(ss) : newSymbol(sym.QNAME, yytext());
    }

    /**
     * If symbol is first token or if it follows any of the operators
     * listed in http://www.w3.org/TR/xpath#exprlex then treat as a
     * name instead of a keyword (Jira-1912).
     */
    Symbol disambiguateOperator(int ss) throws Exception {
        switch (last) {
        case -1:    // first token
        case sym.ATSIGN:
        case sym.DCOLON:
        case sym.LPAREN:
        case sym.LBRACK:
        case sym.COMMA:
        case sym.AND:
        case sym.OR:
        case
sym.MOD:
        case sym.DIV:
        case sym.MULT:
        case sym.SLASH:
```

```
        case sym.DSLASH:
        case sym.VBAR:
        case sym.PLUS:
        case sym.MINUS:
        case sym.EQ:
        case sym.NE:
        case sym.LT:
        case sym.LE:
        case sym.GT:
        case sym.GE:
            return newSymbol(sym.QNAME, yytext());
        }
        return newSymbol(ss);
    }

    /**
     * If symbol is first token or if it follows any of the operators
     * listed in http://www.w3.org/TR/xpath#exprlex then treat as a
     * wildcard instead of a multiplication operator
     */
    Symbol disambiguateStar() throws Exception {
        switch (last) {
        case -1:    // first token
        case sym.ATSIGN:
        case sym.DCOLON:
        case sym.LPAREN:
        case sym.LBRACK:
        case sym.COMMA:

case sym.AND:
        case sym.OR:
        case sym.MOD:
        case sym.DIV:
        case sym.MULT:
        case sym.SLASH:
        case sym.DSLASH:
        case sym.VBAR:
        case sym.PLUS:
        case sym.MINUS:
        case sym.EQ:
        case sym.NE:
        case sym.LT:
        case sym.LE:
        case sym.GT:
        case sym.GE:
            return newSymbol(sym.STAR);
        }
        return newSymbol(sym.MULT);
```

```
    }

    Symbol newSymbol(int ss) {
        last = ss;
        return new Symbol(ss);
    }

    Symbol newSymbol(int ss, String value) {
        last = ss;
        return new Symbol(ss, value);
    }

    Symbol newSymbol(int ss, Long value) {
        last = ss;
        return new Symbol(ss, value);
    }

    Symbol newSymbol(int ss, Double value) {
        last = ss;
        return new
 Symbol(ss, value);
    }
%}

%eofval{
return newSymbol(sym.EOF);
%eofval}

%yylexthrow{
Exception
%yylexthrow}

Letter={BaseChar}|{Ideographic}

BaseChar=[\u0041-\u005A\u0061-\u007A\u00C0-\u00D6\u00D8-\u00F6\u00F8-\u00FF\u0100-\u0131\u0134-
\u013E\u0141-\u0148\u014A-\u017E\u0180-\u01C3\u01CD-\u01F0\u01F4-\u01F5\u01FA-\u0217\u0250-
\u02A8\u02BB-\u02C1\u0386\u0388-\u038A\u038C\u038E-\u03A1\u03A3-\u03CE\u03D0-
\u03D6\u03DA\u03DC\u03DE\u03E0\u03E2-\u03F3\u0401-\u040C\u040E-\u044F\u0451-\u045C\u045E-
\u0481\u0490-\u04C4\u04C7-\u04C8\u04CB-\u04CC\u04D0-\u04EB\u04EE-\u04F5\u04F8-\u04F9\u0531-
\u0556\u0559\u0561-\u0586\u05D0-\u05EA\u05F0-\u05F2\u0621-\u063A\u0641-\u064A\u0671-\u06B7\u06BA-
\u06BE\u06C0-\u06CE\u06D0-\u06D3\u06D5\u06E5-\u06E6\u0905-\u0939\u093D\u0958-\u0961\u0985-
\u098C\u098F-\u0990\u0993-\u09A8\u09AA-\u09B0\u09B2\u09B6-\u09B9\u09DC-\u09DD\u09DF-
\u09E1\u09F0-\u09F1\u0A05-\u0A0A\u0A0F-\u0A10\u0A13-\u0A28\u0A2A-\u0A30\u0A32-\u0A33\u0A35-
\u0A36\u0A38-\u0A39\u0A59-\u0A5C\u0A5E\u0A72-\u0A74\u0A85-\u0A8B\u0A8D\u0A8F-\u0A91\u0A93-
\u0AA8\u0AAA-\u0AB0\u0AB2-\u0AB3\u0AB5-\u0AB9\u0ABD\u0AE0\u0B05-\u0B0C\u0B0F-\u0B10\u0B13-
\u0B28\u0B2A-\u0B30\u0B32-\u0B33\u0B36-\u0B39\u0B3D\u0B5C-\u0B5D\u0B5F-\u0B61\u0B85-
\u0B8A\u0B8E-\u0B90\u0B92-\u0B95\u0B99-\u0B9A\u0B9C\u0B9E-\u0B9F\u0BA3-\u0BA4\u0BA8-
\u0BAA\u0BAE-\u0BB5\u0BB7-\u0BB9\u0C05-\u0C0C\u0C0E-\u0C10\u0C12-\u0C28\u0C2A-\u0C33\u0C35-
```

\u0C39\u0C60-\u0C61\u0C85-\u0C8C\u0C8E-\u0C90\u0C92-\u0CA8\u0CAA-\u0CB3\u0CB5-
\u0CB9\u0CDE\u0CE0-\u0CE1\u0D05-\u0D0C\u0D0E-\u0D10\u0D12-\u0D28\u0D2A-\u0D39\u0D60-
\u0D61\u0E01-\u0E2E\u0E30\u0E32-\u0E33\u0E40-\u0E45\u0E81-\u0E82\u0E84\u0E87-
\u0E88\u0E8A\u0E8D\u0E94-\u0E97\u0E99-\u0E9F\u0EA1-\u0EA3\u0EA5\u0EA7\u0EAA-\u0EAB\u0EAD-
\u0EAE\u0EB0\u0EB2-\u0EB3\u0EBD\u0EC0-\u0EC4\u0F40-\u0F47\u0F49-\u0F69\u10A0-\u10C5\u10D0-
\u10F6\u1100\u1102-\u1103\u1105-\u1107\u1109\u110B-\u110C\u110E-
\u1112\u113C\u113E\u1140\u114C\u114E\u1150\u1154-\u1155\u1159\u115F-
\u1161\u1163\u1165\u1167\u1169\u116D-\u116E\u1172-\u1173\u1175\u119E\u11A8\u11AB\u11AE-
\u11AF\u11B7-\u11B8\u11BA\u11BC-\u11C2\u11EB\u11F0\u11F9\u1E00-\u1E9B\u1EA0-\u1EF9\u1F00-
\u1F15\u1F18-\u1F1D\u1F20-\u1F45\u1F48-\u1F4D\u1F50-\u1F57\u1F59\u1F5B\u1F5D\u1F5F-\u1F7D\u1F80-
\u1FB4\u1FB6-\u1FBC\u1FBE\u1FC2-\u1FC4\u1FC6-\u1FCC\u1FD0-\u1FD3\u1FD6-\u1FDB\u1FE0-
\u1FEC\u1FF2-\u1FF4\u1FF6-\u1FFC\u2126\u212A-\u212B\u212E\u2180-\u2182\u3041-\u3094\u30A1-
\u30FA\u3105-\u312C\uAC00-\uD7A3]

Ideographic=[\u4E00-\u9FA5\u3007\u3021-\u3029]

CombiningChar=[\u0300-\u0345\u0360-\u0361\u0483-\u0486\u0591-\u05A1\u05A3-\u05B9\u05BB-
\u05BD\u05BF\u05C1-\u05C2\u05C4\u064B-\u0652\u0670\u06D6-\u06DC\u06DD-\u06DF\u06E0-\u06E4\u06E7-
\u06E8\u06EA-\u06ED\u0901-\u0903\u093C\u093E-\u094C\u094D\u0951-\u0954\u0962-\u0963\u0981-
\u0983\u09BC\u09BE\u09BF\u09C0-\u09C4\u09C7-\u09C8\u09CB-\u09CD\u09D7\u09E2-
\u09E3\u0A02\u0A3C\u0A3E\u0A3F\u0A40-\u0A42\u0A47-\u0A48\u0A4B-\u0A4D\u0A70-\u0A71\u0A81-
\u0A83\u0ABC\u0ABE-\u0AC5\u0AC7-\u0AC9\u0ACB-\u0ACD\u0B01-\u0B03\u0B3C\u0B3E-\u0B43\u0B47-
\u0B48\u0B4B-\u0B4D\u0B56-\u0B57\u0B82-\u0B83\u0BBE-\u0BC2\u0BC6-\u0BC8\u0BCA-
\u0BCD\u0BD7\u0C01-\u0C03\u0C3E-\u0C44\u0C46-\u0C48\u0C4A-\u0C4D\u0C55-\u0C56\u0C82-
\u0C83\u0CBE-\u0CC4\u0CC6-\u0CC8\u0CCA-\u0CCD\u0CD5-\u0CD6\u0D02-\u0D03\u0D3E-\u0D43\u0D46-
\u0D48\u0D4A-\u0D4D\u0D57\u0E31\u0E34-\u0E3A\u0E47-\u0E4E\u0EB1\u0EB4-\u0EB9\u0EBB-
\u0EBC\u0EC8-\u0ECD\u0F18-\u0F19\u0F35\u0F37\u0F39\u0F3E\u0F3F\u0F71-\u0F84\u0F86-\u0F8B\u0F90-
\u0F95\u0F97\u0F99-\u0FAD\u0FB1-\u0FB7\u0FB9\u20D0-\u20DC\u20E1\u302A-\u302F\u3099\u309A]

Digit=[\u0030-\u0039\u0660-\u0669\u06F0-\u06F9\u0966-\u096F\u09E6-\u09EF\u0A66-\u0A6F\u0AE6-
\u0AEF\u0B66-\u0B6F\u0BE7-\u0BEF\u0C66-\u0C6F\u0CE6-\u0CEF\u0D66-\u0D6F\u0E50-\u0E59\u0ED0-
\u0ED9\u0F20-\u0F29]

Extender=[\u00B7\u02D0\u02D1\u0387\u0640\u0E46\u0EC6\u3005\u3031-\u3035\u309D-\u309E\u30FC-\u30FE]

NCName=({Letter}|"_"|{NCNameStartChar})({NCNameChar})*

NCNameChar={Letter}|{Digit}|"."|"-"|"_"|{CombiningChar}|{Extender}|{NCNameStartChar}|
\u00B7 | [\u0300-\u036F] | [\u203F-\u2040] | [\u0130-\u0136]

NCNameStartChar=[\u0041-\u005A\u0061-\u007A\u00C0-\u00D6\u00D8-\u00F6\u00F8-\u02FF\u0370-
\u037D\u037F-\u1FFF\u200C-\u200D\u2070-\u218F\u2C00-\u2FEF\u3001-\uD7FF\uF900-\uFDCF\uFDF0-
\uFFFD] | \u005F |({HighSurrogate}{LowSurrogate})

HighSurrogate=[\uD800-\uDBFF]

```
LowSurrogate=[\uDC00-\uDFFF]

%%

"*"                    { return disambiguateStar(); }
"/"                    { return newSymbol(sym.SLASH); }
"+"                    { return newSymbol(sym.PLUS); }
"-"                    { return newSymbol(sym.MINUS); }
"div"                  { return disambiguateOperator(sym.DIV); }
"mod"                  { return disambiguateOperator(sym.MOD); }
"::"                   { return newSymbol(sym.DCOLON); }
","                    { return newSymbol(sym.COMMA); }
"@"                    { return newSymbol(sym.ATSIGN); }
".."                   { return newSymbol(sym.DDOT); }
"|"
  { return newSymbol(sym.VBAR); }
"$"                    { return newSymbol(sym.DOLLAR); }
"//"                   { return newSymbol(sym.DSLASH); }
"="                    { return newSymbol(sym.EQ); }
"!="                   { return newSymbol(sym.NE); }
"<"                    { return newSymbol(sym.LT); }
">"                    { return newSymbol(sym.GT); }
"<="                   { return newSymbol(sym.LE); }
">="                   { return newSymbol(sym.GE); }
"id"                   { return disambiguateAxisOrFunction(sym.ID); }
"key"                  { return disambiguateAxisOrFunction(sym.KEY); }
"text()"               { return newSymbol(sym.TEXT); }
"text"+[ \t\r\n\f]+"()"  { return newSymbol(sym.TEXT); }
"node()"               { return newSymbol(sym.NODE); }
"node"+[ \t\r\n\f]+"()"  { return newSymbol(sym.NODE); }
"comment()"            { return newSymbol(sym.COMMENT); }
"comment"+[ \t\r\n\f]+"()"  { return newSymbol(sym.COMMENT); }
"processing-instruction"
 { return disambiguateAxisOrFunction(sym.PIPARAM); }
"processing-instruction()"          { return newSymbol(sym.PI); }
"processing-instruction"+[ \t\r\n\f]+"()" { return newSymbol(sym.PI); }
"or"                   { return disambiguateOperator(sym.OR); }
"and"                  { return disambiguateOperator(sym.AND); }
"child"                { return disambiguateAxisOrFunction(sym.CHILD); }
"attribute"            { return disambiguateAxisOrFunction(sym.ATTRIBUTE); }
"ancestor"             { return disambiguateAxisOrFunction(sym.ANCESTOR); }
"ancestor-or-self"     { return disambiguateAxisOrFunction(sym.ANCESTORORSELF); }
"descendant"           { return disambiguateAxisOrFunction(sym.DESCENDANT); }
"descendant-or-self"   { return disambiguateAxisOrFunction(sym.DESCENDANTORSELF); }
"following"            { return disambiguateAxisOrFunction(sym.FOLLOWING); }
"following-sibling"    { return disambiguateAxisOrFunction(sym.FOLLOWINGSIBLING);
 }
"namespace"            { return disambiguateAxisOrFunction(sym.NAMESPACE); }
```

```
"parent"                { return disambiguateAxisOrFunction(sym.PARENT); }
"preceding"             { return disambiguateAxisOrFunction(sym.PRECEDING); }
"preceding-sibling"     { return disambiguateAxisOrFunction(sym.PRECEDINGSIBLING); }
"self"                  { return disambiguateAxisOrFunction(sym.SELF); }
"["                     { return newSymbol(sym.LBRACK); }
"]"                     { return newSymbol(sym.RBRACK); }
"("                     { return newSymbol(sym.LPAREN); }
")"                     { return newSymbol(sym.RPAREN); }
"<PATTERN>"             { initialize(); return new Symbol(sym.PATTERN); }
"<EXPRESSION>"          { initialize(); return new Symbol(sym.EXPRESSION); }
\"[^\"]*\"              { return newSymbol(sym.Literal,
        yytext().substring(1, yytext().length() - 1)); }
\'[^\']*\'              { return newSymbol(sym.Literal,
        yytext().substring(1,
 yytext().length() - 1)); }
{Digit}+                { return newSymbol(sym.INT, new Long(yytext())); }
{Digit}+("."{Digit}*)?  { return newSymbol(sym.REAL, new Double(yytext())); }
"."{Digit}+             { return newSymbol(sym.REAL, new Double(yytext())); }
"."                     { return newSymbol(sym.DOT); }
({NCName}":")?{NCName}  { return newSymbol(sym.QNAME, yytext()); }
({NCName}":")?"*"       { return newSymbol(sym.QNAME, yytext()); }
({NCName}":")?"@*"      { return newSymbol(sym.QNAME, yytext()); }
[ \t\r\n\f]             { /* ignore white space. */ }
.                       { throw new Exception(yytext()); }
```

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/xpath.lex
No license file was found, but licenses were detected in source scan.

```
/*
* Licensed to the Apache Software Foundation (ASF) under one
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* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/
// Proprietary, built in functions
```

/** current function string (Proprietary). */

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/compiler/Keywords.java

1.792 commons-cli 1.4

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1.793 commons-lang3 3.4

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1.794 isorelax 20090621

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* /opt/cola/permits/1135864262_1613618257.27/0/isorelax-20090621-sources-1-jar/org/iso_relax/dispatcher/impl/DispatcherImpl.java

1.795 jsr250-api 1.0

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1.796 commons-cli 1.2

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1.797 jakarta-annotation-api 1.3.4

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jar/javassist/bytecode/annotation/LongMemberValue.java
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1.801 classmate 1.5.1

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Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)

Other developers who have contributed code are:

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1.802 x-text 0.3.3

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* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Future.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/DecimalMax.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Positive.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/NotEmpty.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/spi/ConfigurationState.java
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/opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/DecimalMin.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Past.java
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* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/META-INF/maven/jakarta.validation/jakarta.validation-api/pom.xml

1.805 commons-codec 1.9

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1.806 javassist 3.21.0-GA

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1.811 javax-el-api 3.0.0

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* /opt/cola/permits/1135935623_1613639042.9/0/asm-all-3-3-1-sources-6-
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1.814 trilead-ssh 1.0.0-build221

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1.815 httpcomponents-core 4.2.4

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1.819 commons-codec 1.3

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* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/overview.html
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/binary/package.html
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/digest/package.html
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/language/package.html
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/net/package.html
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* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/net/URLCodec.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/Encoder.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/net/StringEncodings.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/net/QCodec.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/net/RFC1522Codec.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/StringEncoder.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-

jar/org/apache/commons/codec/binary/Base64.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/net/BCodec.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/binary/BinaryCodec.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/language/RefinedSoundex.java
*
/opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/DecoderException.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/StringEncoderComparator.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/language/Soundex.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/BinaryEncoder.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/binary/Hex.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/net/QuotedPrintableCodec.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/language/Metaphone.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/Decoder.java
*
/opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/language/SoundexUtils.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/StringDecoder.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/BinaryDecoder.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/EncoderException.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-jar/org/apache/commons/codec/language/DoubleMetaphone.java

1.820 javassist 3.20.0-GA

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* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/annotation/BooleanMemberValue.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/annotation/LongMemberValue.java
*
 /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/annotation/CharMemberValue.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/annotation/FloatMemberValue.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/annotation/Annotation.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/annotation/ShortMemberValue.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/annotation/ArrayMemberValue.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/annotation/DoubleMemberValue.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/annotation/MemberValue.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/annotation/EnumMemberValue.java
*
 /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/annotation/ByteMemberValue.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/annotation/ClassMemberValue.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/annotation/MemberValueVisitor.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/annotation/IntegerMemberValue.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/annotation/AnnotationMemberValue.java
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* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/expr/Handler.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/convert/TransformFieldAccess.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/CtNewConstructor.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/compiler/ast/AssignExpr.java
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jar/javassist/compiler/ast/Declarator.java
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* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-
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* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/util/proxy/MethodHandler.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/Bytecode.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/util/proxy/ProxyFactory.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/tools/reflect/Metalevel.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/CtArray.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/util/proxy/Proxy.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/stackmap/TypeTag.java
*
/opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/compiler/Javac.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/util/proxy/MethodFilter.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/analysis/Frame.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/util/proxy/SerializedProxy.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/bytecode/CodeAnalyzer.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/convert/TransformCall.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/expr/Cast.java
* /opt/cola/permits/1135953616_1613641211.06/0/javassist-3-20-0-ga-sources-5-jar/javassist/compiler/ast/Variable.java

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1.825 asm 4.1

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*/
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   */
```

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jar/org/objectweb/asm/tree/analysis/SimpleVerifier.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/tree/InnerClassNode.java
*
/opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/AnnotationWriter.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/optimizer/AnnotationConstantsCollector.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/commons/SimpleRemapper.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/commons/RemappingClassAdapter.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/Handle.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/tree/InsnList.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/util/CheckMethodAdapter.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/MethodWriter.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/commons/RemappingAnnotationAdapter.java
*
/opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/tree/InvokeDynamicInsnNode.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/tree/analysis/Analyzer.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/tree/AbstractInsnNode.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/tree/TableSwitchInsnNode.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/tree/TypeInsnNode.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/Item.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/tree/MultiANewArrayInsnNode.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/Handler.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/tree/AnnotationNode.java
*

/opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/optimizer/ConstantPool.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/tree/analysis/Interpreter.java
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jar/org/objectweb/asm/commons/SerialVersionUIDAdder.java
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* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/FieldWriter.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
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*/
/**
   * Creates a new {@link AnalyzerAdapter}. <i>Subclasses must not use this
   * constructor</i>. Instead, they must use the
   * {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}
   * version.
   *
   * @param owner
   *
     the owner's class name.
   * @param access
```

```
    *           the method's access flags (see {@link Opcodes}).
    * @param name
    *           the method's name.
    * @param desc
    *           the method's descriptor (see {@link Type Type}).
    * @param mv
    *           the method visitor to which this adapter delegates calls. May
    *           be <tt>null</tt>.
    */
```

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```

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* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/xml/SAXCodeAdapter.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/xml/SAXAdapter.java
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* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/xml/SAXClassAdapter.java
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*/
/**
    * Creates a new JSRInliner. <i>Subclasses must not use this
    * constructor</i>. Instead, they must use the
    * {@link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
```

```
 * version.
 *
 * @param mv
 *
the <code>MethodVisitor</code> to send the resulting inlined
 *          method code to (use <code>null</code> for none).
 * @param access
 *          the method's access flags (see {@link Opcodes}). This
 *          parameter also indicates if the method is synthetic and/or
 *          deprecated.
 * @param name
 *          the method's name.
 * @param desc
 *          the method's descriptor (see {@link Type}).
 * @param signature
 *          the method's signature. May be <tt>null</tt>.
 * @param exceptions
 *          the internal names of the method's exception classes (see
 *          {@link Type#getInternalName() getInternalName}). May be
 *          <tt>null</tt>.
 */
```

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*/
/**
* Creates a new {@link GeneratorAdapter}. Subclasses must not use this
* constructor. Instead, they must use the
* {@link #GeneratorAdapter(int, MethodVisitor, int, String, String)}
* version.
*
* @param mv
* the
method visitor to which this adapter delegates calls.
* @param access
* the method's access flags (see {@link Opcodes}).
* @param name
* the method's name.
* @param desc
* the method's descriptor (see {@link Type Type}).
*/

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*/
/**
   * Constructs a new {@link Textifier}. <i>Subclasses must not use this
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```

* version.
*/

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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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END OF TERMS AND CONDITIONS

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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

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stand
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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

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b) Convey the object code in, or embodied in, a physical product
(including a physical distribution medium), accompanied by a
written offer, valid for at least three years
and valid for as
long as you offer spare parts or customer support for that product
model, to give anyone who possesses the object code either (1) a
copy of the Corresponding Source for all the software in the
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medium customarily used for software interchange, for a price no
more than your reasonable cost of physically performing this
conveying of source, or (2) access to copy the
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1.837 x-text 0.3.0

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1.838 rocksdbjni 5.7.3

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* /opt/cola/permits/1136279767_1613727079.13/0/commons-logging-1-0-4-sources-2-jar/org/apache/commons/logging/impl/SimpleLog.java
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* /opt/cola/permits/1136279767_1613727079.13/0/commons-logging-1-0-4-sources-2-jar/org/apache/commons/logging/impl/Log4jFactory.java
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* /opt/cola/permits/1136279767_1613727079.13/0/commons-logging-1-0-4-sources-2-jar/org/apache/commons/logging/impl/Log4JCategoryLog.java

1.840 commons-cli 1.0

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1.2 2002/06/06 22:49:36 bayard Exp $
* $Revision: 1.2 $
* $Date: 2002/06/06 22:49:36 $
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* $Header: /home/cvs/jakarta-commons-sandbox/cli/src/java/org/apache/commons/cli/AlreadySelectedException.java,v 1.4 2002/06/06 09:37:26 jstrachan Exp $
* $Revision: 1.4 $
* $Date: 2002/06/06 09:37:26 $
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* /opt/cola/permits/1136279811_1613727097.48/0/commons-cli-1-0-sources-1-jar/org/apache/commons/cli/AlreadySelectedException.java
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/*
* $Header: /home/cvs/jakarta-commons-sandbox/cli/src/java/org/apache/commons/cli/ParseException.java,v 1.2
2002/06/06 09:37:26 jstrachan Exp $
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* $Date: 2002/06/06 09:37:26 $
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* /opt/cola/permits/1136279811_1613727097.48/0/commons-cli-1-0-sources-1-jar/org/apache/commons/cli/ParseException.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/cvs/jakarta-commons/cli/src/java/org/apache/commons/cli/GnuParser.java,v 1.10 2002/09/19 22:59:43 jkeyes Exp $
* $Revision: 1.10 $
* $Date: 2002/09/19 22:59:43 $
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No license file was found, but licenses were detected in source scan.

```
/*
* $Header: /home/cvs/jakarta-commons-sandbox/cli/src/java/org/apache/commons/cli/CommandLine.java,v 1.4 2002/06/06 22:32:37 bayard Exp $
* $Revision: 1.4 $
* $Date: 2002/06/06 22:32:37 $
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* /opt/cola/permits/1136279811_1613727097.48/0/commons-cli-1-0-sources-1-jar/org/apache/commons/cli/CommandLine.java
*
 /opt/cola/permits/1136279811_1613727097.48/0/commons-cli-1-0-sources-1-jar/org/apache/commons/cli/HelpFormatter.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/cvs/jakarta-commons/cli/src/java/org/apache/commons/cli/Parser.java,v 1.7 2002/10/24 23:17:49 jkeyes Exp $
* $Revision: 1.7 $
* $Date: 2002/10/24 23:17:49 $
*
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* /opt/cola/permits/1136279811_1613727097.48/0/commons-cli-1-0-sources-1-jar/org/apache/commons/cli/Parser.java
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```
/*
* $Header: /home/cvs/jakarta-commons-sandbox/cli/src/java/org/apache/commons/cli/MissingArgumentException.java,v 1.2 2002/06/06 09:37:26 jstrachan Exp $
* $Revision: 1.2 $
* $Date: 2002/06/06 09:37:26 $
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* /opt/cola/permits/1136279811_1613727097.48/0/commons-cli-1-0-sources-1-
jar/org/apache/commons/cli/MissingArgumentException.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/cvs/jakarta-commons/cli/src/java/org/apache/commons/cli/PosixParser.java,v 1.11 2002/09/19
22:59:43 jkeyes Exp $
* $Revision: 1.11 $
* $Date: 2002/09/19 22:59:43 $
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/*
* $Header: /home/cvs/jakarta-commons/cli/src/java/org/apache/commons/cli/CommandLineParser.java,v 1.4 2002/09/19 22:59:43 jkeyes Exp $
* $Revision: 1.4 $
* $Date: 2002/09/19 22:59:43 $
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* /opt/cola/permits/1136279811_1613727097.48/0/commons-cli-1-0-sources-1-jar/org/apache/commons/cli/CommandLineParser.java

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```
/*
* $Header: /home/cvs/jakarta-commons-
sandbox/cli/src/java/org/apache/commons/cli/UnrecognizedOptionException.java,v 1.2 2002/06/06 09:37:26
jstrachan Exp $
* $Revision: 1.2 $
* $Date: 2002/06/06 09:37:26 $
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/*
* $Header: /home/cvs/jakarta-commons-sandbox/cli/src/java/org/apache/commons/cli/Option.java,v 1.6 2002/06/06 22:50:14 bayard Exp $
* $Revision: 1.6 $
* $Date: 2002/06/06 22:50:14 $
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* $Id: Option.java,v 1.6 2002/06/06 22:50:14 bayard Exp $
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jar/org/apache/commons/cli/Option.java
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/*
* $Header: /home/cvs/jakarta-commons-sandbox/cli/src/java/org/apache/commons/cli/OptionGroup.java,v 1.2
2002/06/06 09:37:26 jstrachan Exp $
* $Revision: 1.2 $
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* $Header: /home/cvs/jakarta-commons-sandbox/cli/src/java/org/apache/commons/cli/Options.java,v 1.5 2002/06/06 22:32:37 bayard Exp $
* $Revision: 1.5 $
* $Date: 2002/06/06 22:32:37 $
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/*
* $Header: /home/cvs/jakarta-commons/cli/src/java/org/apache/commons/cli/BasicParser.java,v 1.3 2002/09/19
22:59:43 jkeyes Exp $
* $Revision: 1.3 $
* $Date: 2002/09/19 22:59:43 $
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/*
* $Header: /home/cvs/jakarta-commons/cli/src/java/org/apache/commons/cli/OptionBuilder.java,v 1.12 2002/10/15 22:50:45 jkeyes Exp $
* $Revision: 1.12 $
* $Date: 2002/10/15 22:50:45 $
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/*
* $Header: /home/cvs/jakarta-commons-sandbox/cli/src/java/org/apache/commons/cli/MissingOptionException.java,v 1.2 2002/06/06 09:37:26 jstrachan Exp $
* $Revision: 1.2 $

* $Date: 2002/06/06 09:37:26 $
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/*
* $Header: /home/cvs/jakarta-commons-sandbox/cli/src/java/org/apache/commons/cli/TypeHandler.java,v 1.2 2002/06/06 22:49:36 bayard Exp $
* $Revision: 1.2 $
* $Date: 2002/06/06 22:49:36 $
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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote

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exercise the right to control the distribution of derivative or
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it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
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5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
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work, in isolation, is not a derivative

work of the Library, and
therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of
the object
file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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a copy of this License. If the work
during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under

Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

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Version 3, 29 June 2007

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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

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A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

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You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

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1.850 debconf 1.5.73

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1.851 commons-digester 1.6

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/* $Id: Digester.java,v 1.104.2.1 2004/07/30 20:11:00 rdonkin Exp $
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* /opt/cola/permits/1136489739_1613774324.47/0/commons-digester-1-6-sources-1-jar/org/apache/commons/digester/Digester.java
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* /opt/cola/permits/1136489739_1613774324.47/0/commons-digester-1-6-sources-1-jar/org/apache/commons/digester/plugins/strategies/FinderFromDfltResource.java
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/* $Id: RuleFinder.java,v 1.5 2004/05/10 06:36:38 skitching Exp $
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* /opt/cola/permits/1136489739_1613774324.47/0/commons-digester-1-6-sources-1-jar/org/apache/commons/digester/plugins/RuleFinder.java
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* /opt/cola/permits/1136489739_1613774324.47/0/commons-digester-1-6-sources-1-jar/org/apache/commons/digester/plugins/strategies/FinderFromClass.java
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* /opt/cola/permits/1136489739_1613774324.47/0/commons-digester-1-6-sources-1-jar/org/apache/commons/digester/substitution/VariableAttributes.java
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* /opt/cola/permits/1136489739_1613774324.47/0/commons-digester-1-6-sources-1-jar/org/apache/commons/digester/xmlrules/DigesterRulesSource.java
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```
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* /opt/cola/permits/1136489739_1613774324.47/0/commons-digester-1-6-sources-1-jar/org/apache/commons/digester/SimpleRegexMatcher.java

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* /opt/cola/permits/1136489739_1613774324.47/0/commons-digester-1-6-sources-1-jar/org/apache/commons/digester/plugins/Declaration.java
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/* $Id: CallParamRule.java,v 1.21.2.1 2004/07/30 20:11:00 rdonkin Exp $
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Found in path(s):
* /opt/cola/permits/1136489739_1613774324.47/0/commons-digester-1-6-sources-1-jar/org/apache/commons/digester/AbstractRulesImpl.java
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```
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* /opt/cola/permits/1136489739_1613774324.47/0/commons-digester-1-6-sources-1-jar/org/apache/commons/digester/plugins/PluginDeclarationRule.java
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* /opt/cola/permits/1136489739_1613774324.47/0/commons-digester-1-6-sources-1-jar/org/apache/commons/digester/parser/GenericParser.java

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* /opt/cola/permits/1136489739_1613774324.47/0/commons-digester-1-6-sources-1-jar/org/apache/commons/digester/xmlrules/CircularIncludeException.java
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```
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```
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* /opt/cola/permits/1136489739_1613774324.47/0/commons-digester-1-6-sources-1-jar/org/apache/commons/digester/substitution/VariableExpander.java
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/* $Id: FinderFromResource.java,v 1.5 2004/05/10 06:34:01 skitching Exp $
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* /opt/cola/permits/1136489739_1613774324.47/0/commons-digester-1-6-sources-1-jar/org/apache/commons/digester/plugins/strategies/FinderFromResource.java
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* /opt/cola/permits/1136489739_1613774324.47/0/commons-digester-1-6-sources-1-jar/org/apache/commons/digester/plugins/strategies/LoaderFromClass.java
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* /opt/cola/permits/1136489739_1613774324.47/0/commons-digester-1-6-sources-1-jar/org/apache/commons/digester/plugins/PluginRules.java
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1.852 asm 3.2

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* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-

jar/org/objectweb/asm/tree/analysis/Value.java
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 /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/FieldWriter.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-
jar/org/objectweb/asm/tree/VarInsnNode.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-
jar/org/objectweb/asm/tree/analysis/SourceValue.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-
jar/org/objectweb/asm/tree/analysis/SmallSet.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-
jar/org/objectweb/asm/commons/StaticInitMerger.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-
jar/org/objectweb/asm/util/TraceClassVisitor.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-
jar/org/objectweb/asm/AnnotationWriter.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-jar/org/objectweb/asm/tree/InsnList.java
*
 /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-
jar/org/objectweb/asm/util/CheckSignatureAdapter.java
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jar/org/objectweb/asm/util/TraceAnnotationVisitor.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-
jar/org/objectweb/asm/tree/FrameNode.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-
jar/org/objectweb/asm/AnnotationVisitor.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-
jar/org/objectweb/asm/util/ASMifierMethodVisitor.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-
jar/org/objectweb/asm/util/ASMifierAbstractVisitor.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-
jar/org/objectweb/asm/tree/MethodInsnNode.java
* /opt/cola/permits/1136493993_1613774733.35/0/asm-all-3-2-sources-2-
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* /opt/cola/permits/1006521779_1602614316.44/0/com-springsource-org-apache-commons-dbcp-1-2-2-osgi-sources-jar/org/apache/commons/dbcp/PoolingConnection.java
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* /opt/cola/permits/1006521779_1602614316.44/0/com-springsource-org-apache-commons-dbcp-1-2-2-osgi-sources-jar/org/apache/commons/dbcp/datasources/InstanceKeyDataSource.java

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* /opt/cola/permits/1006521779_1602614316.44/0/com-springsource-org-apache-commons-dbcp-1-2-2-osgi-sources-jar/org/apache/commons/dbcp/datasources/SharedPoolDataSource.java
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* /opt/cola/permits/1006521779_1602614316.44/0/com-springsource-org-apache-commons-dbcp-1-2-2-osgi-sources-jar/org/apache/commons/dbcp/datasources/KeyedCPDSConnectionFactory.java
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1.856 joda-time 1.6.2

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1.858 libapache2-mod-authz-unixgroup 1.1.0-0.1

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1.860 hk2-locator 2.4.0-b10

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1.866 maven-reporting-api 3.0

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1.867 commons-chain 1.1

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1.880 maven-plugin-registry 2.2.1

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1.881 jersey-server 2.17

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 /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-jar/org/springframework/orm/jpa/EntityManagerPlusOperations.java
* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-jar/org/springframework/orm/ObjectOptimisticLockingFailureException.java
* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-

jar/org/springframework/orm/jdo/JdoInterceptor.java
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*/
/**
  * Create a transactional EntityManager proxy for the given EntityManagerFactory.
  * @param emf EntityManagerFactory to obtain EntityManagers from as needed
  * @param properties the properties to be passed into the
  * <code>createEntityManager</code> call (may be <code>null</code>)
  * @param entityManagerInterfaces
 the interfaces to be implemented by the
  * EntityManager. Allows the addition or specification of proprietary interfaces.
  * @return a shareable transactional EntityManager proxy
```

```
 */
```

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* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-jar/org/springframework/orm/hibernate3/support/ClobStringType.java
*
 /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-jar/org/springframework/orm/hibernate3/HibernateSystemException.java
* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-jar/org/springframework/orm/jdo/JdoSystemException.java
* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-jar/org/springframework/orm/jdo/JdoUsageException.java
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* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-jar/org/springframework/orm/hibernate3/LocalRegionFactoryProxy.java
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* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-jar/org/springframework/orm/hibernate3/annotation/AnnotationSessionFactoryBean.java
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 /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-jar/org/springframework/orm/hibernate3/support/OpenSessionInViewInterceptor.java
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* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-jar/org/springframework/orm/jpa/vendor/OpenJpaVendorAdapter.java
* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-jar/org/springframework/orm/jdo/support/JdoDaoSupport.java
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* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-jar/org/springframework/orm/jpa/vendor/EclipseLinkJpaVendorAdapter.java
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* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-jar/org/springframework/orm/jdo/JdoTransactionManager.java
* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-jar/org/springframework/orm/jpa/support/OpenEntityManagerInViewFilter.java
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* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-jar/org/springframework/orm/jpa/JpaCallback.java
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* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-jar/org/springframework/orm/hibernate3/support/IdTransferringMergeEventListener.java
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* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-jar/org/springframework/orm/hibernate3/HibernateJdbcException.java
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* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-jar/org/springframework/orm/ibatis/support/BlobByteArrayTypeHandler.java
* /opt/cola/permits/1138377096_1614280763.83/0/spring-orm-3-0-6-release-sources-2-jar/org/springframework/orm/ibatis/support/AbstractLobTypeHandler.java

1.884 spring-aop 3.0.6.RELEASE

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* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/config/AdvisorComponentDefinition.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/support/DefaultIntroductionAdvisor.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/framework/ProxyCreatorSupport.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/aspectj/AspectJPointcutAdvisor.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/interceptor/CustomizableTraceInterceptor.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/interceptor/AbstractTraceInterceptor.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/framework/autoproxy/target/AbstractBeanFactoryBasedTargetSourceCreator.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/support/NameMatchMethodPointcut.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/ThrowsAdvice.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/aspectj/AspectJAdviceParameterNameDiscoverer.java
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* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/framework/autoproxy/BeanFactoryAdvisorRetrievalHelper.java
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/opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/config/ConfigBeanDefinitionParser.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/aspectj/AspectJProxyUtils.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/support/StaticMethodMatcherPointcut.java
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* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/framework/AdvisorChainFactory.java
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* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/target/AbstractPrototypeBasedTargetSource.java
*
 /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/framework/autoproxy/ProxyCreationContext.java
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* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/framework/autoproxy/target/LazyInitTargetSourceCreator.java
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* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/framework/AopConfigException.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/support/NameMatchMethodPointcutAdvisor.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/framework/autoproxy/DefaultAdvisorAutoProxyCreator.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/TrueMethodMatcher.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/support/ExpressionPointcut.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/aspectj/AspectJPrecedenceInformation.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/TruePointcut.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/config/PointcutEntry.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/aspectj/AspectJMethodBeforeAdvice.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/support/AbstractExpressionPointcut.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/config/AdvisorEntry.java
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* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/aspectj/TypePatternClassFilter.java
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* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/framework/autoproxy/BeanNameAutoProxyCreator.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/framework/ProxyConfig.java

* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/framework/autoproxy/AutoProxyUtils.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/target/AbstractBeanFactoryBasedTargetSource.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/aspectj/RuntimeTestWalker.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/target/HotSwappableTargetSource.java
* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/target/SingletonTargetSource.java
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* /opt/cola/permits/1138376655_1614280829.07/0/spring-aop-3-0-6-release-sources-1-jar/org/springframework/aop/aspectj/AbstractAspectJAdvice.java

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Bouncy Castle library (bcprov-*.jar, bcpg-*.jar, bcpkix-*.jar)

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* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/simple/AbstractJdbcInsert.java
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* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/metadata/GenericTableMetaDataProvider.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/metadata/TableMetaDataProviderFactory.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/support/lob/PassThroughBlob.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/datasource/TransactionAwareDataSourceProxy.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/datasource/DataSourceTransactionManager.java
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* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/metadata/CallMetaDataProvider.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/simple/SimpleJdbcCall.java
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* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-

jar/org/springframework/jdbc/CannotGetJdbcConnectionException.java
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jar/org/springframework/jdbc/datasource/AbstractDataSource.java
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* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-
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* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-

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* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/SqlRowSetResultSetExtractor.java
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*/
/**
* Implement this interface when parameters need to be customized based
* on the connection. We might need to do this to make use of proprietary
* features, available only with a specific Connection type.
*
* @author Rod Johnson
* @author Thomas Risberg
* @see CallableStatementCreatorFactory#newCallableStatementCreator(ParameterMapper)
 * @see org.springframework.jdbc.object.StoredProcedure#execute(ParameterMapper)
*/
/**
  * Create a Map of input parameters, keyed by name.
  * @param con JDBC connection. This is useful (and the purpose of this interface)
  * if we need to do something RDBMS-specific with a proprietary Connection
  * implementation class. This class conceals such proprietary details. However,
  * it is best to avoid using such proprietary RDBMS features if possible.
  * @throws SQLException if a SQLException is encountered setting
  * parameter values (that is, there's no need to catch SQLException)
  * @return Map of input parameters, keyed by name (never <code>null</code>)
  */
```

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```
/**
*
* The classes in this package make JDBC easier to use and
* reduce the likelihood of common errors. In particular, they:
* <ul>
* <li>Simplify error handling, avoiding the need for try/catch/final
* blocks in application code.
```

* Present exceptions to application code in a generic hierarchy of
* unchecked exceptions, enabling applications to catch data access
* exceptions without being dependent on JDBC, and to ignore fatal
* exceptions there is no value in catching.
* Allow the implementation of error handling to be modified
* to target different RDBMSes without introducing proprietary
* dependencies into application code.
*
*
* <p>This package and related packages are discussed in Chapter 9 of
* Expert One-On-One J2EE Design and Development
* by Rod Johnson (Wrox, 2002).
*
*/

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* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/SqlReturnResultSet.java
*
 /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/support/SqlLobValue.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/namedparam/NamedParameterJdbcDaoSupport.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-

jar/org/springframework/jdbc/datasource/lookup/DataSourceLookup.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-
jar/org/springframework/jdbc/datasource/lookup/SingleDataSourceLookup.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-
jar/org/springframework/jdbc/JdbcUpdateAffectedIncorrectNumberOfRowsException.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-
jar/org/springframework/jdbc/core/support/JdbcBeanDefinitionReader.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-
jar/org/springframework/jdbc/support/lob/LobCreatorUtils.java
*
 /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-
jar/org/springframework/jdbc/support/MetaDataAccessException.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-
jar/org/springframework/jdbc/SQLWarningException.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-
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jar/org/springframework/jdbc/support/lob/JtaLobCreatorSynchronization.java
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*/
/**
* Abstraction for handling large binary fields and large text fields in
* specific databases, no matter if represented as simple types or Large OBjects.
* Its main purpose is to isolate Oracle's peculiar handling of LOBs in
* {@link OracleLobHandler}; most other databases should be able to work
* with
 the provided {@link DefaultLobHandler}.
*
* <p>Provides accessor methods for BLOBs and CLOBs, and acts as factory for
* LobCreator instances, to be used as sessions for creating BLOBs or CLOBs.
* LobCreators are typically instantiated for each statement execution or for
* each transaction; they are not thread-safe because they might track
* allocated database resources in order to free them after execution.

```
*
* <p>Most databases/drivers should be able to work with {@link DefaultLobHandler},
* which by default delegates to JDBC's direct accessor methods, avoiding the
* <code>java.sql.Blob</code> and <code>java.sql.Clob</code> API completely.
* {@link DefaultLobHandler} can also be configured to access LOBs using
* <code>PreparedStatement.setBlob/setClob</code> (e.g. for PostgreSQL), through
* setting the {@link DefaultLobHandler#setWrapAsLob "wrapAsLob"} property.
*
* <p>Unfortunately, Oracle 9i just accepts Blob/Clob instances created via its own
* proprietary BLOB/CLOB
 API, and additionally doesn't accept large streams for
* PreparedStatement's corresponding setter methods. Therefore, you need to use
* {@link OracleLobHandler} there, which uses Oracle's BLOB/CLOB API for both types
* of access. The Oracle 10g JDBC driver should basically work with
* {@link DefaultLobHandler} as well, with some limitations in terms of LOB sizes.
*
* <p>Of course, you need to declare different field types for each database.
* In Oracle, any binary content needs to go into a BLOB, and all character content
* beyond 4000 bytes needs to go into a CLOB. In MySQL, there is no notion of a
* CLOB type but rather a LONGTEXT type that behaves like a VARCHAR. For complete
* portability, use a LobHandler for fields that might typically require LOBs on
* some database because of the field size (take Oracle's numbers as a guideline).
*
* <p><b>Summarizing the recommended options (for actual LOB fields):</b>
* <ul>
* <li><b>JDBC 4.0 driver:</b> {@link DefaultLobHandler}
 with <code>streamAsLob=true</code>.
* <li><b>PostgreSQL:</b> {@link DefaultLobHandler} with <code>wrapAsLob=true</code>.
* <li><b>Oracle 9i/10g:</b> {@link OracleLobHandler} with a connection-pool-specific
* {@link OracleLobHandler#setNativeJdbcExtractor NativeJdbcExtractor}.
* <li>For all other database drivers (and for non-LOB fields that might potentially
* turn into LOBs on some databases): a plain {@link DefaultLobHandler}.
* </ul>
*
* @author Juergen Hoeller
* @since 23.12.2003
* @see DefaultLobHandler
* @see OracleLobHandler
* @see java.sql.ResultSet#getBlob
* @see java.sql.ResultSet#getClob
* @see java.sql.ResultSet#getBytes
* @see java.sql.ResultSet#getBinaryStream
* @see java.sql.ResultSet#getString
* @see java.sql.ResultSet#getAsciiStream
* @see java.sql.ResultSet#getCharacterStream
*/
```

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* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/support/lob/LobHandler.java
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/**
* Strategy interface for translating between {@link SQLException SQLExceptions}
* and Spring's data access strategy-agnostic {@link DataAccessException}
* hierarchy.
*
* <p>Implementations can be generic (for example, using
* {@link java.sql.SQLException#getSQLState() SQLState} codes for JDBC) or wholly
 * proprietary (for example, using Oracle error codes) for greater precision.
*
* @author Rod Johnson
* @author Juergen Hoeller
* @see org.springframework.dao.DataAccessException
*/
```

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* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/datasource/ConnectionHandle.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/ParameterDisposer.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/support/rowset/SqlRowSetMetaData.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/support/lob/AbstractLobHandler.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/LobRetrievalFailureException.java
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* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/namedparam/NamedParameterUtils.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/config/InitializeDatabaseBeanDefinitionParser.java

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* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/SqlProvider.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/CallableStatementCreator.java
*
 /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/PreparedStatementCreator.java
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```

```
*/
/**
  * Close this LobCreator session and free its temporarily created BLOBs and CLOBs.
  * Will not need to do anything if using PreparedStatement's standard methods,
  * but might be necessary to free database resources if using proprietary means.
  * <p><b>NOTE</b>: Needs to be invoked after the involved
 PreparedStatements have
  * been executed or the affected O/R mapping sessions have been flushed.
  * Otherwise, the database resources for the temporary BLOBs might stay allocated.
  */
```

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* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/metadata/HsqlTableMetaDataProvider.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/datasource/SmartDataSource.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/metadata/CallMetaDataProviderFactory.java
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* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/ArgTypePreparedStatementSetter.java
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* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/support/incrementer/DataFieldMaxValueIncrementer.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/datasource/SimpleConnectionHandle.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/RowCallbackHandler.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/metadata/SybaseCallMetaDataProvider.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/RowMapper.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/core/InterruptibleBatchPreparedStatementSetter.java
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* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/UncategorizedSQLException.java
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* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/support/nativejdbc/SimpleNativeJdbcExtractor.java
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* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/datasource/embedded/SimpleDriverDataSourceFactory.java
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/datasource/embedded/DataSourceFactory.java
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* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/datasource/embedded/EmbeddedDatabaseType.java
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*/
/**
* {@link LobHandler} implementation for Oracle databases. Uses proprietary API
* to create <code>oracle.sql.BLOB</code> and <code>oracle.sql.CLOB</code>
* instances, as necessary when working with Oracle's JDBC driver.
* Note that this LobHandler requires Oracle JDBC driver 9i or higher!
*
* <p>While
 most databases are able to work with {@link DefaultLobHandler},
* Oracle just accepts Blob/Clob instances created via its own proprietary
* BLOB/CLOB API, and additionally doesn't accept large streams for
* PreparedStatement's corresponding setter methods. Therefore, you need
* to use a strategy like this LobHandler implementation.
*
* <p>Needs to work on a native JDBC Connection, to be able to cast it to
* <code>oracle.jdbc.OracleConnection</code>. If you pass in Connections from a
* connection pool (the usual case in a J2EE environment), you need to set an
* appropriate {@link org.springframework.jdbc.support.nativejdbc.NativeJdbcExtractor}
* to allow for automatical retrieval of the underlying native JDBC Connection.
* LobHandler and NativeJdbcExtractor are separate concerns, therefore they
* are represented by separate strategy interfaces.
*
* <p>Coded via reflection to avoid dependencies on Oracle classes.
* Even reads in Oracle constants via reflection because of
 different Oracle
* drivers (classes12, ojdbc14, ojdbc5, ojdbc6) having different constant values!
* As this LobHandler initializes Oracle classes on instantiation, do not define
* this as eager-initializing singleton if you do not want to depend on the Oracle
* JAR being in the class path: use "lazy-init=true" to avoid this issue.
*
* @author Juergen Hoeller
* @author Thomas Risberg
* @since 04.12.2003
* @see #setNativeJdbcExtractor
* @see oracle.sql.BLOB
* @see oracle.sql.CLOB
*/
```

Found in path(s):
* /opt/cola/permits/1111462899_1612183920.44/0/spring-jdbc-3-0-6-release-sources-1-jar/org/springframework/jdbc/support/lob/OracleLobHandler.java

1.891 ecj 3.5.1

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1.892 commons-codec 1.3.0.v20100518-1140

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1.893 httpclient-osgi 4.3.1

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* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/support/destination/JmsDestinationAccessor.java
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* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/listener/endpoint/JmsMessageEndpointManager.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/InvalidSelectorException.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-

jar/org/springframework/jms/listener/endpoint/JmsMessageEndpointFactory.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/MessageFormatException.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/support/destination/DestinationResolver.java
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* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-

jar/org/springframework/jms/connection/JmsTransactionManager102.java
*
/opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/connection/JmsTransactionManager.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/JmsException.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/listener/endpoint/StandardJmsActivationSpecFactory.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/listener/adapter/MessageListenerAdapter.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/listener/SessionAwareMessageListener.java
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* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/core/JmsTemplate.java
*
/opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/support/converter/SimpleMessageConverter.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/listener/adapter/MessageListenerAdapter102.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/connection/SingleConnectionFactory102.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/remoting/JmsInvokerProxyFactoryBean.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/listener/SimpleMessageListenerContainer102.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/connection/SingleConnectionFactory.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/support/converter/SimpleMessageConverter102.java
*
/opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/core/support/JmsGatewaySupport.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/connection/TransactionAwareConnectionFactoryProxy.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/support/JmsUtils.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/connection/ConnectionFactoryUtils.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/support/destination/JndiDestinationResolver.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/listener/DefaultMessageListenerContainer102.java
*
/opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/support/converter/MessageType.java

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* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/connection/CachingConnectionFactory.java
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* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/support/destination/DynamicDestinationResolver.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/support/converter/MessageConversionException.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/listener/adapter/ListenerExecutionFailedException.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/connection/SynchedLocalTransactionFailedException.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/support/destination/CachingDestinationResolver.java
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* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/core/BrowserCallback.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-

jar/org/springframework/jms/core/ProducerCallback.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/listener/endpoint/DefaultJmsActivationSpecFactory.java
*
/opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/connection/SessionProxy.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/support/JmsAccessor.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/core/JmsOperations.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/connection/ChainedExceptionListener.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/core/SessionCallback.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/connection/CachedMessageProducer.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/connection/CachedMessageConsumer.java
*
/opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/listener/SubscriptionNameProvider.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/listener/LocallyExposedJmsResourceHolder.java
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* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/core/MessageCreator.java
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* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/listener/AbstractJmsListeningContainer.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/listener/DefaultMessageListenerContainer.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/support/converter/MarshallingMessageConverter.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/listener/endpoint/JmsActivationSpecConfig.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/listener/SimpleMessageListenerContainer.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/connection/JmsResourceHolder.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/listener/AbstractMessageListenerContainer.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/config/AbstractListenerContainerParser.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/listener/AbstractPollingMessageListenerContainer.java
* /opt/cola/permits/1138376601_1614280813.93/0/spring-jms-3-0-6-release-sources-2-jar/org/springframework/jms/connection/UserCredentialsConnectionFactoryAdapter.java

1.895 spring-expression 3.0.6.RELEASE

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* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/ParserContext.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/SpelEvaluationException.java

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() [] {}

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* // brackets must be in pairs
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" +

Found in path(s):
* "' for expression starting at character " + prefixIndex + "
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* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/Expression.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/EvaluationContext.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/ast/IntLiteral.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/common/ExpressionUtils.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/ConstructorResolver.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/ast/PropertyOrFieldReference.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/support/ReflectivePropertyAccessor.java
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* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/common/TemplateParserContext.java
*
 /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/ast/ConstructorReference.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/ast/FunctionReference.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/ast/Indexer.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/support/ReflectiveConstructorExecutor.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/support/ReflectiveConstructorResolver.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/MethodResolver.java
*
 /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/support/ReflectiveMethodExecutor.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/TypeConverter.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/ast/BeanReference.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/ast/Projection.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/ast/Selection.java
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* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/ast/InlineList.java
*
 /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/ExpressionInvocationTargetException.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/TypedValue.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/support/ReflectiveMethodResolver.java
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"foo${expr0}bar${expr1}". The static

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* * number of expressions all contained in "${...}" markers. For instance
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case ']':case ')':

Found in path(s):
* case '}'
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Found in path(s):
* // Chew on the expression text - relying on the rules
* case '"'
* case '\"
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case '[': case '(':

Found in path(s):
* case '{'
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square brackets [] round brackets () and curly brackets {}

Found in path(s):
* * Bracket is used to describe
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* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/ast/OpDivide.java
*

/opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/ast/Operator.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/ParseException.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/ast/OperatorNot.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/ast/OpLE.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/ast/VariableReference.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/ast/SpelNodeImpl.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/standard/TokenKind.java
*
/opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/ast/OpNE.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/common/CompositeStringExpression.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/ast/MethodReference.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/standard/SpelExpression.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/ast/OpModulus.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/support/StandardEvaluationContext.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/ast/OperatorBetween.java
*
/opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/AccessException.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/ast/OpGE.java
* /opt/cola/permits/1138376717_1614280790.29/0/spring-expression-3-0-6-release-sources-2-jar/org/springframework/expression/spel/ast/OperatorMatches.java
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* /opt/cola/permits/1138376781_1614280742.89/0/spring-beans-3-0-6-release-sources-4-jar/org/springframework/beans/factory/NoSuchBeanDefinitionException.java
* /opt/cola/permits/1138376781_1614280742.89/0/spring-beans-3-0-6-release-sources-4-jar/org/springframework/beans/factory/support/AutowireCandidateResolver.java
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 /opt/cola/permits/1138376781_1614280742.89/0/spring-beans-3-0-6-release-sources-4-jar/org/springframework/beans/factory/config/InstantiationAwareBeanPostProcessorAdapter.java
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 /opt/cola/permits/1138376781_1614280742.89/0/spring-beans-3-0-6-release-sources-4-jar/org/springframework/beans/factory/config/ServiceLocatorFactoryBean.java
* /opt/cola/permits/1138376781_1614280742.89/0/spring-beans-3-0-6-release-sources-4-jar/org/springframework/beans/factory/support/ManagedMap.java
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* /opt/cola/permits/1138376781_1614280742.89/0/spring-beans-3-0-6-release-sources-4-jar/org/springframework/beans/PropertyAccessor.java
* /opt/cola/permits/1138376781_1614280742.89/0/spring-beans-3-0-6-release-sources-4-jar/org/springframework/beans/PropertyValue.java
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/opt/cola/permits/1138376781_1614280742.89/0/spring-beans-3-0-6-release-sources-4-jar/org/springframework/beans/PropertyValues.java
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/opt/cola/permits/1138376781_1614280742.89/0/spring-beans-3-0-6-release-sources-4-jar/org/springframework/beans/factory/config/SingletonBeanRegistry.java
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* /opt/cola/permits/1138376781_1614280742.89/0/spring-beans-3-0-6-release-sources-4-jar/org/springframework/beans/factory/DisposableBean.java
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* /opt/cola/permits/1138376781_1614280742.89/0/spring-beans-3-0-6-release-sources-4-jar/org/springframework/beans/factory/config/BeanFactoryPostProcessor.java
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* /opt/cola/permits/1138376781_1614280742.89/0/spring-beans-3-0-6-release-sources-4-jar/org/springframework/beans/factory/support/DefaultListableBeanFactory.java
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* /opt/cola/permits/1138376781_1614280742.89/0/spring-beans-3-0-6-release-sources-4-jar/org/springframework/beans/BeanWrapper.java
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* /opt/cola/permits/1138376781_1614280742.89/0/spring-beans-3-0-6-release-sources-4-jar/org/springframework/beans/factory/config/BeanDefinitionVisitor.java
* /opt/cola/permits/1138376781_1614280742.89/0/spring-beans-3-0-6-release-sources-4-jar/org/springframework/beans/factory/annotation/RequiredAnnotationBeanPostProcessor.java

* /opt/cola/permits/1138376781_1614280742.89/0/spring-beans-3-0-6-release-sources-4-jar/org/springframework/beans/factory/annotation/AutowiredAnnotationBeanPostProcessor.java

1.897 mongo-java-driver 3.2.0

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* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/MapReduceIterableImpl.java
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* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/MongoNodeIsRecoveringException.java
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* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/TagSet.java
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* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/connection/netty/ReadTimeoutHandler.java
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*/
/**
```

```
   * Returns an array containing all of the elements in this deque, in
   * proper sequence (from first to last element).

   *
   * <p>The returned array will be "safe" in that no references to it are
   * maintained by this deque.  (In other words, this method must allocate
   * a new array).  The caller is thus free to modify the returned array.
   *
   * <p>This method acts as bridge between array-based and collection-based
   * APIs.
   *
   * @return an array containing all of the elements in this deque
   */
```

Found in path(s):
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/internal/connection/ConcurrentLinkedDeque.java
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* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/annotations/NotThreadSafe.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/annotations/ThreadSafe.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/annotations/Immutable.java
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* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/model/Indexes.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/gridfs/model/GridFSFile.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/model/InsertOneOptions.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/gridfs/GridFSBuckets.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/gridfs/model/package-info.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/gridfs/GridFSFindIterableImpl.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/model/IndexOptionDefaults.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/ReadConcern.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/gridfs/GridFSBucketImpl.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-

jar/com/mongodb/client/gridfs/GridFSUploadStream.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/gridfs/model/GridFSDownloadByNameOptions.java
*
/opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/model/ValidationLevel.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/gridfs/GridFSFindIterable.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/gridfs/GridFSBucket.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/gridfs/package-info.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/model/TextSearchOptions.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/gridfs/GridFSUploadStreamImpl.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/model/UnwindOptions.java
*
/opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/gridfs/GridFSDownloadStreamImpl.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/MongoGridFSException.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/gridfs/model/GridFSUploadOptions.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/model/ValidationAction.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/ReadConcernLevel.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/gridfs/GridFSDownloadStream.java
* /opt/cola/permits/1138376574_1614280736.03/0/mongo-java-driver-3-2-0-sources-1-jar/com/mongodb/client/model/ValidationOptions.java

1.898 spring-security-ldap 3.0.6.RELEASE

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* /opt/cola/permits/1138376837_1614280793.67/0/spring-security-ldap-3-0-6-release-sources-2-jar/org/springframework/security/ldap/userdetails/LdapUserDetailsImpl.java
* /opt/cola/permits/1138376837_1614280793.67/0/spring-security-ldap-3-0-6-release-sources-2-jar/org/springframework/security/ldap/SpringSecurityLdapTemplate.java
* /opt/cola/permits/1138376837_1614280793.67/0/spring-security-ldap-3-0-6-release-sources-2-jar/org/springframework/security/ldap/authentication/AbstractLdapAuthenticator.java
* /opt/cola/permits/1138376837_1614280793.67/0/spring-security-ldap-3-0-6-release-sources-2-jar/org/springframework/security/ldap/search/FilterBasedLdapUserSearch.java
* /opt/cola/permits/1138376837_1614280793.67/0/spring-security-ldap-3-0-6-release-sources-2-jar/org/springframework/security/ldap/authentication/LdapAuthenticator.java
* /opt/cola/permits/1138376837_1614280793.67/0/spring-security-ldap-3-0-6-release-sources-2-jar/org/springframework/security/ldap/userdetails/InetOrgPersonContextMapper.java
* /opt/cola/permits/1138376837_1614280793.67/0/spring-security-ldap-3-0-6-release-sources-2-jar/org/springframework/security/ldap/ppolicy/PasswordPolicyControl.java
* /opt/cola/permits/1138376837_1614280793.67/0/spring-security-ldap-3-0-6-release-sources-2-jar/org/springframework/security/ldap/LdapUtils.java
* /opt/cola/permits/1138376837_1614280793.67/0/spring-security-ldap-3-0-6-release-sources-2-jar/org/springframework/security/ldap/ppolicy/PasswordPolicyResponseControl.java
* /opt/cola/permits/1138376837_1614280793.67/0/spring-security-ldap-3-0-6-release-sources-2-jar/org/springframework/security/ldap/userdetails/Person.java
* /opt/cola/permits/1138376837_1614280793.67/0/spring-security-ldap-3-0-6-release-sources-2-jar/org/springframework/security/ldap/userdetails/InetOrgPerson.java
* /opt/cola/permits/1138376837_1614280793.67/0/spring-security-ldap-3-0-6-release-sources-2-jar/org/springframework/security/ldap/authentication/PasswordComparisonAuthenticator.java
* /opt/cola/permits/1138376837_1614280793.67/0/spring-security-ldap-3-0-6-release-sources-2-jar/org/springframework/security/ldap/userdetails/LdapUserDetailsManager.java
* /opt/cola/permits/1138376837_1614280793.67/0/spring-security-ldap-3-0-6-release-sources-2-jar/org/springframework/security/ldap/userdetails/LdapUserDetailsMapper.java
* /opt/cola/permits/1138376837_1614280793.67/0/spring-security-ldap-3-0-6-release-sources-2-jar/org/springframework/security/ldap/search/LdapUserSearch.java
* /opt/cola/permits/1138376837_1614280793.67/0/spring-security-ldap-3-0-6-release-sources-2-jar/org/springframework/security/ldap/userdetails/DefaultLdapAuthoritiesPopulator.java
* /opt/cola/permits/1138376837_1614280793.67/0/spring-security-ldap-3-0-6-release-sources-2-jar/org/springframework/security/ldap/authentication/BindAuthenticator.java
* /opt/cola/permits/1138376837_1614280793.67/0/spring-security-ldap-3-0-6-release-sources-2-jar/org/springframework/security/ldap/authentication/LdapAuthenticationProvider.java
* /opt/cola/permits/1138376837_1614280793.67/0/spring-security-ldap-3-0-6-release-sources-2-

jar/org/springframework/security/ldap/userdetails/LdapUserDetails.java
* /opt/cola/permits/1138376837_1614280793.67/0/spring-security-ldap-3-0-6-release-sources-2-jar/org/springframework/security/ldap/userdetails/LdapAuthoritiesPopulator.java
*
/opt/cola/permits/1138376837_1614280793.67/0/spring-security-ldap-3-0-6-release-sources-2-jar/org/springframework/security/ldap/ppolicy/PasswordPolicyControlFactory.java
* /opt/cola/permits/1138376837_1614280793.67/0/spring-security-ldap-3-0-6-release-sources-2-jar/org/springframework/security/ldap/userdetails/UserDetailsContextMapper.java

1.899 hamcrest 1.1.0.v20090122-0023

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1.902 spring-osgi-annotation 2.0.0.M1

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1.903 oauth1-signature 2.17

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1.904 spring-osgi-extender 2.0.0.M1

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1.909 spring-context 3.0.6.RELEASE

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* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/context/access/DefaultLocatorFactory.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/context/HierarchicalMessageSource.java
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* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/context/Lifecycle.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/jmx/export/metadata/ManagedMetric.java
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* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/jmx/export/naming/SelfNaming.java
*
 /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/context/MessageSourceAware.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/jmx/export/metadata/JmxMetadataUtils.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/context/ApplicationEventPublisher.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/ui/context/support/DelegatingThemeSource.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-

jar/org/springframework/validation/MessageCodesResolver.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/jmx/export/assembler/SimpleReflectiveMBeanInfoAssembler.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/jmx/export/annotation/ManagedOperation.java
*
 /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/jmx/export/annotation/ManagedAttribute.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/context/i18n/LocaleContext.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/context/ApplicationEventPublisherAware.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/jmx/export/metadata/ManagedOperation.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/jmx/export/annotation/ManagedOperationParameter.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/jmx/export/annotation/ManagedOperationParameters.java
*
 /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/jmx/export/naming/ObjectNamingStrategy.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/jmx/export/assembler/MBeanInfoAssembler.java
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* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/instrument/classloading/jboss/JBossTranslatorAdapter.java
*

/opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/instrument/classloading/jboss/JBossClassLoaderAdapter.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/instrument/classloading/oc4j/OC4JClassLoaderAdapter.java
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* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/instrument/classloading/weblogic/WebLogicClassLoaderAdapter.java

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* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/remoting/RemoteAccessException.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/context/config/MBeanServerBeanDefinitionParser.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/remoting/support/RemoteAccessor.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/validation/FieldError.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/scripting/groovy/GroovyScriptFactory.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/remoting/support/RemoteInvocationTraceInterceptor.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/scripting/jruby/JRubyScriptFactory.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/scripting/support/ScriptFactoryPostProcessor.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/scripting/ScriptFactory.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/scripting/support/RefreshableScriptTargetSource.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/scripting/support/ResourceScriptSource.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/context/config/PropertyPlaceholderBeanDefinitionParser.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/remoting/support/RemoteInvocation.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-

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* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/context/MessageSource.java
*
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* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/ui/context/support/ResourceBundleThemeSource.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/instrument/classloading/LoadTimeWeaver.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/validation/AbstractErrors.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/remoting/rmi/JndiRmiClientInterceptor.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/context/annotation/AnnotationConfigBeanDefinitionParser.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/context/annotation/FilterType.java
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* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/context/support/StaticApplicationContext.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/validation/BindException.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/remoting/support/RemotingSupport.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/validation/DefaultMessageCodesResolver.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/jmx/access/InvocationFailureException.java
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* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/scripting/support/StaticScriptSource.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/ejb/access/AbstractSlsbInvokerInterceptor.java
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* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/context/config/AbstractPropertyLoadingBeanDefinitionParser.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/context/config/ContextNamespaceHandler.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/jmx/export/assembler/AbstractConfigurableMBeanInfoAssembler.java
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* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/context/config/SpringConfiguredBeanDefinitionParser.java
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/opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/instrument/classloading/ShadowingClassLoader.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/remoting/rmi/RmiBasedExporter.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/ejb/access/LocalSlsbInvokerInterceptor.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/validation/ObjectError.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/scripting/jruby/JRubyScriptUtils.java
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* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/ui/ExtendedModelMap.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/remoting/rmi/RmiClientInterceptorUtils.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/context/i18n/SimpleLocaleContext.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/validation/DirectFieldBindingResult.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/context/access/ContextSingletonBeanFactoryLocator.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/remoting/support/RemoteInvocationUtils.java
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/opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/jmx/access/MBeanConnectFailureException.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/scripting/bsh/BshScriptFactory.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-

jar/org/springframework/ejb/access/AbstractRemoteSlsbInvokerInterceptor.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/jmx/export/NotificationListenerBean.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/context/support/DefaultMessageSourceResolvable.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/validation/support/BindingAwareModelMap.java
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 /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/jmx/support/ObjectNameManager.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/jndi/JndiCallback.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/remoting/rmi/RmiClientInterceptor.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/jmx/support/NotificationListenerHolder.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/context/support/ApplicationObjectSupport.java
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*/
/**
* {@link FactoryBean} that obtains a WebSphere {@link javax.management.MBeanServer}
* reference through WebSphere's proprietary <code>AdminServiceFactory</code> API,
* available on WebSphere 5.1 and higher.
*
* <p>Exposes the <code>MBeanServer</code> for bean references.
* This FactoryBean is a direct
 alternative to {@link MBeanServerFactoryBean},
* which uses standard JMX 1.2 API to access the platform's MBeanServer.
*
* @author Juergen Hoeller
* @author Rob Harrop
* @since 2.0.3
```

* @see com.ibm.websphere.management.AdminServiceFactory#getMBeanFactory()
* @see com.ibm.websphere.management.MBeanFactory#getMBeanServer()
* @see javax.management.MBeanServer
* @see MBeanServerFactoryBean
*/

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* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/jmx/support/WebSphereMBeanServerFactoryBean.java
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* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/scheduling/config/TaskExecutorFactoryBean.java
*
 /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/context/annotation/ConfigurationClassEnhancer.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/context/support/StaticMessageSource.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/jndi/JndiObjectLocator.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/jmx/support/MBeanServerConnectionFactoryBean.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/jmx/export/MBeanExporter.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/instrument/classloading/InstrumentationLoadTimeWeaver.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/context/support/AbstractMessageSource.java
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* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/jmx/export/assembler/AbstractReflectiveMBeanInfoAssembler.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/jndi/JndiLocatorSupport.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/validation/beanvalidation/MessageSourceResourceBundleLocator.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/validation/AbstractPropertyBindingResult.java
* /opt/cola/permits/1138377165_1614280938.79/0/spring-context-3-0-6-release-sources-4-jar/org/springframework/format/number/NumberFormatter.java
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1.910 spring-web 3.0.6.RELEASE

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* /opt/cola/permits/1138376556_1614280882.42/0/spring-web-3-0-6-release-sources-3-jar/org/springframework/web/jsf/DelegatingNavigationHandlerProxy.java

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1.915 spring-osgi-io 2.0.0.M1

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[5] http://www.ecma-international.org/publications/files/ECMA-ST/Ecma%20PATENT/Patent%20statements%20ok/ECMA-376%20Adobe%20Patent%20Declaration.pdf

Bouncy Castle library (bcprov-*.jar, bcpg-*.jar, bcpkix-*.jar)

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JUnit test library (junit-4.*.jar) & JaCoCo (*jacoco*)

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SLF4J library (slf4j-api-*.jar)

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1.927 maven-doxia-tools 1.0.2

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1.929 maven-filtering 1.1

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1.930 maven-plugin-registry 2.0.6

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1.931 jbossxb 2.0.2.Beta7

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1.935 maven-clean-plugin 2.5

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1.937 maven-assembly-plugin 2.2-beta-5

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1.938 maven-plugin-annotations 3.3

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1.943 eclipse-rap-fileupload 3.0.2-SNAPSHOT

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1.947 mongo-java-driver 3.7.1

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* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/org/bson/codecs/jsr310/LocalTimeCodec.java
* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/org/bson/codecs/jsr310/LocalDateTimeCodec.java
* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/org/bson/codecs/jsr310/LocalDateCodec.java
* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/org/bson/codecs/jsr310/Jsr310CodecProvider.java
* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/org/bson/codecs/jsr310/InstantCodec.java

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*/
/**
    * Returns an array containing all of the elements in this deque, in
    * proper sequence (from first to last element).

   *
    * <p>The returned array will be "safe" in that no references to it are
    * maintained by this deque.  (In other words, this method must allocate
    * a new array).  The caller is thus free to modify the returned array.
    *
    * <p>This method acts as bridge between array-based and collection-based
    * APIs.
    *
    * @return an array containing all of the elements in this deque
    */
```

Found in path(s):
* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/com/mongodb/internal/connection/ConcurrentLinkedDeque.java
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* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/org/bson/codecs/pojo/CollectionPropertyCodecProvider.java
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* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/org/bson/types/Symbol.java
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* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/org/bson/LazyBSONDecoder.java
* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/com/mongodb/UnixServerAddress.java
* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/com/mongodb/operation/BaseFindAndModifyOperation.java
* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/com/mongodb/MongoInternalException.java
* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/com/mongodb/event/ConnectionCheckedOutEvent.java
* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/com/mongodb/internal/event/ServerMonitorListenerMulticaster.java
* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/org/bson/json/JsonJavaScriptConverter.java
* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/com/mongodb/event/ServerEventMulticaster.java
* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/com/mongodb/operation/OperationExecutor.java
* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/org/bson/LazyBSONCallback.java
* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/com/mongodb/client/internal/ListIndexesIterableImpl.java

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/opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/org/bson/codecs/EncoderContext.java
* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/com/mongodb/MongoSecurityException.java
* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/com/mongodb/gridfs/package-info.java
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* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/com/mongodb/DocumentToDBRefTransformer.java
*
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* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/org/bson/codecs/LongCodec.java
* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/org/bson/BsonDocumentWriter.java
* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/com/mongodb/client/model/FindOneAndUpdateOptions.java
* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/com/mongodb/client/MongoIterable.java
* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/org/bson/BsonInt32.java
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* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/org/bson/codecs/pojo/ConventionDefaultsImpl.java
* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/com/mongodb/operation/ChangeStreamBatchCursor.java
* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/com/mongodb/connection/ServerMonitor.java
* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/com/mongodb/client/model/Sorts.java
* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/com/mongodb/DBEncoderFactoryAdapter.java
* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/com/mongodb/annotations/package-info.java

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* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/com/mongodb/operation/AsyncOperationExecutor.java
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* /opt/cola/permits/1138553031_1614291062.95/0/mongo-java-driver-3-7-1-sources-1-jar/org/bson/json/ExtendedJsonMaxKeyConverter.java
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1.951 eclipse-rap-filedialog 3.0.2-SNAPSHOT

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1.953 maven-antrun-plugin 1.3

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1.954 maven-reporting-api 2.0.9

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1.956 maven-project 2.0.9

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1.957 gwt-sl 1.2

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* /opt/cola/permits/1138552803_1614290999.18/0/gwt-sl-1-2-sources-1-jar/org/gwtwidgets/server/spring/RPCServiceExporterFactory.java
* /opt/cola/permits/1138552803_1614290999.18/0/gwt-sl-1-2-sources-1-jar/org/gwtwidgets/client/stream/Message.java
*

/opt/cola/permits/1138552803_1614290999.18/0/gwt-sl-1-2-sources-1-jar/org/gwtwidgets/server/spring/DefaultRPCServiceExporterFactory.java
* /opt/cola/permits/1138552803_1614290999.18/0/gwt-sl-1-2-sources-1-jar/org/gwtwidgets/server/spring/stream/HtmlSLStreamWriterImpl.java
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/**
```

* This component publishes an object (see {@link #setService(Object)}) as a
* service to the GWT RPC protocol. Service targets can be:<p/>
*
* POJOs which don't have to extend any class or implement any interface.
* However you should provide a service interface (see
* {@link #setServiceInterfaces(Class[])})
* POJOs which implement {@link
 RemoteService}
* You can extend the GWTRPCServiceExporter which assigns the target
* service to itself.
*
* <p/>
* Exceptions directly thrown from the target service are propagated back to the
* client. For special exception handling you can override the various <code>handle</code>*
* methods which are invoked by the GWTRPCServiceExporter.
*
* @author George Georgovassilis, g.georgovassilis[at]gmail.com
* @author Max Jonas Werner
*/

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* /opt/cola/permits/1138552803_1614290999.18/0/gwt-sl-1-2-sources-1-jar/org/gwtwidgets/server/spring/util/TracingHB4GWTRPCServiceExporter.java
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* /opt/cola/permits/1138552803_1614290999.18/0/gwt-sl-1-2-sources-1-jar/org/gwtwidgets/server/spring/SerializationPolicyProvider.java
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* /opt/cola/permits/1138552803_1614290999.18/0/gwt-sl-1-2-sources-1-jar/org/gwtwidgets/server/spring/RequestInjection.java
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* /opt/cola/permits/1138552803_1614290999.18/0/gwt-sl-1-2-sources-1-jar/org/gwtwidgets/server/spring/ThrowableHandler.java

1.958 maven-profile 2.0.6

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1.963 maven-install-plugin 2.4

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1.964 maven-core 2.0.9

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* $Id: FormSet.java 293498 2005-10-04 02:59:43Z niallp $
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* $Id: Var.java 289160 2005-09-15 05:48:33Z niallp $
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* $Id: GenericTypeValidator.java 293556 2005-10-04 07:07:32Z niallp $
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Found in path(s):
* /opt/cola/permits/1138553888_1614290842.05/0/commons-validator-1-2-0-sources-1-jar/org/apache/commons/validator/GenericTypeValidator.java
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/*
* $Id: ISBNValidator.java 280974 2005-09-15 00:06:59Z niallp $
* $Rev: 280974 $
* $Date: 2005-09-15 01:06:59 +0100 (Thu, 15 Sep 2005) $
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* /opt/cola/permits/1138553888_1614290842.05/0/commons-validator-1-2-0-sources-1-jar/org/apache/commons/validator/ISBNValidator.java
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/*
* $Id: Arg.java 280974 2005-09-15 00:06:59Z niallp $
* $Rev: 280974 $
* $Date: 2005-09-15 01:06:59 +0100 (Thu, 15 Sep 2005) $
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/*
* $Id: ValidatorResult.java 289168 2005-09-15 06:40:47Z niallp $
* $Rev: 289168 $

* $Date: 2005-09-15 07:40:47 +0100 (Thu, 15 Sep 2005) $
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* /opt/cola/permits/1138553888_1614290842.05/0/commons-validator-1-2-0-sources-1-jar/org/apache/commons/validator/ValidatorResult.java
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/*
* $Id: ValidatorAction.java 280974 2005-09-15 00:06:59Z niallp $
* $Rev: 280974 $
* $Date: 2005-09-15 01:06:59 +0100 (Thu, 15 Sep 2005) $
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* /opt/cola/permits/1138553888_1614290842.05/0/commons-validator-1-2-0-sources-1-jar/org/apache/commons/validator/ValidatorAction.java

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```
/*
* $Id: Validator.java 280974 2005-09-15 00:06:59Z niallp $
* $Rev: 280974 $
* $Date: 2005-09-15 01:06:59 +0100 (Thu, 15 Sep 2005) $
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```
/*
* $Id: ValidatorUtils.java 280974 2005-09-15 00:06:59Z niallp $
* $Rev: 280974 $
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* /opt/cola/permits/1138553888_1614290842.05/0/commons-validator-1-2-0-sources-1-jar/org/apache/commons/validator/util/ValidatorUtils.java
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```
/*
* $Id: GenericValidator.java 280974 2005-09-15 00:06:59Z niallp $
* $Rev: 280974 $
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* /opt/cola/permits/1138553888_1614290842.05/0/commons-validator-1-2-0-sources-1-jar/org/apache/commons/validator/GenericValidator.java
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```
/*
* $Id: Field.java 280974 2005-09-15 00:06:59Z niallp $
* $Rev: 280974 $
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/*
* $Id: Msg.java 280974 2005-09-15 00:06:59Z niallp $
* $Rev: 280974 $
* $Date: 2005-09-15 01:06:59 +0100 (Thu, 15 Sep 2005) $
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/*
* $Id: ValidatorException.java 155434 2005-02-26 13:16:41Z dirkv $
* $Rev: 155434 $
* $Date: 2005-02-26 13:16:41 +0000 (Sat, 26 Feb 2005) $
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```
/*
* $Id: FormSetFactory.java 293498 2005-10-04 02:59:43Z niallp $
* $Rev: 293498 $
* $Date: 2005-10-04 03:59:43 +0100 (Tue, 04 Oct 2005) $
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```
/*
* $Id: ValidatorResults.java 280974 2005-09-15 00:06:59Z niallp $
* $Rev: 280974 $
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/*
* $Id: CreditCardValidator.java 280974 2005-09-15 00:06:59Z niallp $
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* /opt/cola/permits/1138553888_1614290842.05/0/commons-validator-1-2-0-sources-1-jar/org/apache/commons/validator/CreditCardValidator.java
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/*
* $Id: ValidatorResources.java 329836 2005-10-31 15:12:50Z niallp $
* $Rev: 329836 $
* $Date: 2005-10-31 15:12:50 +0000 (Mon, 31 Oct 2005) $

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```
/*
* $Id: DateValidator.java 280974 2005-09-15 00:06:59Z niallp $
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* /opt/cola/permits/1138553888_1614290842.05/0/commons-validator-1-2-0-sources-1-jar/org/apache/commons/validator/DateValidator.java
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```
/*
* $Id: UrlValidator.java 327148 2005-10-21 10:50:20Z niallp $
* $Rev: 327148 $
* $Date: 2005-10-21 11:50:20 +0100 (Fri, 21 Oct 2005) $
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* /opt/cola/permits/1138553888_1614290842.05/0/commons-validator-1-2-0-sources-1-jar/org/apache/commons/validator/UrlValidator.java

1.966 maven-settings 2.0.9

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1.967 maven-shared-utils 0.3

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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/json/JsonToken.java
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/opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/connection/ServerDescription.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/types/StringRangeSet.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/event/ConnectionMessageReceivedEvent.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/connection/DefaultServer.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/BasicBSONCallback.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/connection/ClusterDescription.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/json/JsonWriter.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/BSONCallback.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/json/JsonReader.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/event/ClusterListenerAdapter.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/EmptyBSONCallback.java
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/opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/BSONCallbackAdapter.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/event/ConnectionMessagesSentEvent.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/connection/GSSAPIAuthenticator.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/connection/netty/NettyStream.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/connection/ChangeEvent.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/connection/DefaultServerMonitor.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/connection/MultiServerCluster.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/event/ConnectionPoolOpenedEvent.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/connection/DefaultClusterableServerFactory.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/util/JSONSerializers.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/codecs/ValueCodecProvider.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/model/BsonField.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/event/CommandEvent.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/model/geojson/codecs/MultiLineStringCodec.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/model/UnwindOptions.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/internal/HexUtils.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/gridfs/package-info.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/model/ValidationAction.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/gridfs/GridFSBuckets.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/model/TextSearchOptions.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/gridfs/GridFSUploadStream.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/model/IndexOptionDefaults.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/gridfs/GridFSFindIterable.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/gridfs/GridFSFindIterableImpl.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/gridfs/GridFSBucketImpl.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/gridfs/model/GridFSDownloadByNameOptions.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/gridfs/GridFSUploadStreamImpl.java

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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/gridfs/model/GridFSUploadOptions.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/MongoGridFSException.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/gridfs/GridFSBucket.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/model/ValidationOptions.java
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Found in path(s):
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/connection/DefaultAuthenticator.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/MongoNotPrimaryException.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/MongoWriteException.java
*
 /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/binding/AbstractReferenceCounted.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-

jar/com/mongodb/TagSet.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/Tag.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/MongoNodeIsRecoveringException.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/CursorType.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/MongoWriteConcernException.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/UuidRepresentation.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/model/DeleteOneModel.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/codecs/BsonUndefinedCodec.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/codecs/UuidCodecProvider.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/model/CountOptions.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/connection/ExponentiallyWeightedMovingAverage.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/WriteError.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/operation/DropDatabaseOperation.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/DBCollection.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/operation/AggregateToCollectionOperation.java
*
 /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/operation/DropCollectionOperation.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/operation/MapReduceToCollectionOperation.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/BsonType.java

* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/operation/DropUserOperation.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/BsonBinaryReader.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/operation/CreateUserOperation.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/AbstractBsonReader.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/BsonValue.java
*
 /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/operation/DropIndexOperation.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/operation/CreateCollectionOperation.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/BsonReader.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/MongoCollectionImpl.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/operation/OperationHelper.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/operation/RenameCollectionOperation.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/operation/CreateIndexesOperation.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/operation/UpdateUserOperation.java
*
 /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/AbstractBsonWriter.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/MongoDatabaseImpl.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/BsonBinaryWriter.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/operation/UserOperationHelper.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/model/GraphLookupOptions.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/BsonWriter.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/BsonDocumentWriter.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/MongoClientOptions.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/util/AbstractCopyOnWriteMap.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/operation/FsyncUnlockOperation.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/WriteConcern.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/selector/PrimaryServerSelector.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/Document.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/DBObjectCodec.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/DBCollectionObjectFactory.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/ReadConcernLevel.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/connection/Connection.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/codecs/configuration/Optional.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/model/ReturnDocument.java
*
 /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/conversions/package-info.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/connection/netty/package-info.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-

jar/com/mongodb/async/package-info.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/event/package-info.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/MapReduceIterable.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/codecs/BsonValueCodec.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/codecs/configuration/CodecCache.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/operation/BsonArrayWrapper.java
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 /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/assertions/package-info.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/package-info.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/codecs/configuration/package-info.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/DistinctIterable.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/AggregateIterable.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/codecs/configuration/MapOfCodecsProvider.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/model/package-info.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/DistinctIterableImpl.java
*
 /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/codecs/configuration/CodecRegistries.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/result/package-info.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/assertions/package-info.java
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/*
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*/
/**
    * Returns an array containing all of the elements in this deque, in
    * proper sequence (from first to last element).

    *
    * <p>The returned array will be "safe" in that no references to it are
    * maintained by this deque.  (In other words, this method must allocate
    * a new array).  The caller is thus free to modify the returned array.
    *
    * <p>This method acts as bridge between array-based and collection-based
    * APIs.
    *
    * @return an array containing all of the elements in this deque
    */
```

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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/internal/connection/ConcurrentLinkedDeque.java

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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/connection/netty/NettyStreamFactoryFactory.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/model/geojson/MultiPoint.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-

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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/event/ConnectionClosedEvent.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/event/ServerMonitorEventMulticaster.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/jndi/MongoClientFactory.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/BsonInt32.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/codecs/configuration/ChildCodecRegistry.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/MongoIterable.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/DBEncoderFactory.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/result/DeleteResult.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/BulkWriteError.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/UnacknowledgedBulkWriteResult.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/codecs/BsonBooleanCodec.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/operation/CommandReadOperation.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/selector/ServerSelector.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/LazyBSONDecoder.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/codecs/MaxKeyCodec.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/codecs/Encoder.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/management/MBeanServerFactory.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/BasicDBList.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/FindIterable.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/QueryBuilder.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/LazyBSONObject.java

* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/json/JsonMode.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/DocumentToDBRefTransformer.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/codecs/BsonDocumentWrapperCodec.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/Block.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/WriteRequest.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/connection/NoOpClusterListener.java
*
/opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/ReplaceRequest.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/operation/BsonDocumentWrapperHelper.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/operation/MapReduceAsyncBatchCursor.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/gridfs/GridFSInputFile.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/operation/MapReduceWithInlineResultsOperation.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/event/ConnectionListener.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/WriteConcernResult.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/FindIterableImpl.java
*
/opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/BsonNumber.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/internal/connection/ConcurrentPool.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/BsonWriterSettings.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/event/ConnectionListenerAdapter.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/management/ConnectionPoolStatisticsMBean.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/connection/CommandResultCallback.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/codecs/BsonNullCodec.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/codecs/DocumentCodec.java
*

/opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/types/Binary.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/operation/AsyncReadOperation.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/DBEncoderAdapter.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/MongoNamespace.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/gridfs/codecs/GridFSFileCodec.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/model/DBCollectionCountOptions.java
*
/opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/model/DBCollectionFindAndModifyOptions.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/model/DBCollectionRemoveOptions.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/gridfs/model/GridFSDownloadOptions.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/model/DBCollectionDistinctOptions.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/model/DeleteOptions.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/model/CollationStrength.java
*

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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/MongoDriverInformation.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/gridfs/codecs/package-info.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/gridfs/codecs/GridFSFileCodecProvider.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/model/DBCollectionFindOptions.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/model/Collation.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/client/model/CollationMaxVariable.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/MapReduceIterableImpl.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/event/ServerHeartbeatFailedEvent.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/event/ServerHeartbeatStartedEvent.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/connection/NoOpServerListener.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/event/ServerListener.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/connection/NoOpServerMonitorListener.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/org/bson/codecs/IterableCodecProvider.java
* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/event/ServerDescriptionChangedEvent.java

* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/event/ServerOpeningEvent.java
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* /opt/cola/permits/1138553022_1614290978.25/0/mongo-java-driver-3-4-1-sources-1-jar/com/mongodb/annotations/ThreadSafe.java
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* /opt/cola/permits/1138553116_1614290575.59/0/disruptor-2-10-3-sources-1-jar/com/lmax/disruptor/MultiThreadedLowContentionClaimStrategy.java
* /opt/cola/permits/1138553116_1614290575.59/0/disruptor-2-10-3-sources-1-jar/com/lmax/disruptor/Sequencer.java
*

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* /opt/cola/permits/1138553116_1614290575.59/0/disruptor-2-10-3-sources-1-jar/com/lmax/disruptor/WorkProcessor.java
* /opt/cola/permits/1138553116_1614290575.59/0/disruptor-2-10-3-sources-1-jar/com/lmax/disruptor/YieldingWaitStrategy.java
* /opt/cola/permits/1138553116_1614290575.59/0/disruptor-2-10-3-sources-1-jar/com/lmax/disruptor/SingleThreadedClaimStrategy.java
* /opt/cola/permits/1138553116_1614290575.59/0/disruptor-2-10-3-sources-1-jar/com/lmax/disruptor/ProcessingSequenceBarrier.java
* /opt/cola/permits/1138553116_1614290575.59/0/disruptor-2-10-3-sources-1-jar/com/lmax/disruptor/ExceptionHandler.java
* /opt/cola/permits/1138553116_1614290575.59/0/disruptor-2-10-3-sources-1-jar/com/lmax/disruptor/EventProcessor.java
* /opt/cola/permits/1138553116_1614290575.59/0/disruptor-2-10-3-sources-1-jar/com/lmax/disruptor/ClaimStrategy.java
*
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* /opt/cola/permits/1138553116_1614290575.59/0/disruptor-2-10-3-sources-1-jar/com/lmax/disruptor/dsl/EventHandlerGroup.java
* /opt/cola/permits/1138553116_1614290575.59/0/disruptor-2-10-3-sources-1-jar/com/lmax/disruptor/util/MutableLong.java
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* /opt/cola/permits/1138553116_1614290575.59/0/disruptor-2-10-3-sources-1-jar/com/lmax/disruptor/IgnoreExceptionHandler.java
*
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* /opt/cola/permits/1138553116_1614290575.59/0/disruptor-2-10-3-sources-1-jar/com/lmax/disruptor/BlockingWaitStrategy.java
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jar/com/lmax/disruptor/TimeoutException.java
* /opt/cola/permits/1138553116_1614290575.59/0/disruptor-2-10-3-sources-1-jar/com/lmax/disruptor/AlertException.java
*
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* /opt/cola/permits/1138553116_1614290575.59/0/disruptor-2-10-3-sources-1-jar/com/lmax/disruptor/dsl/EventProcessorRepository.java
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1.970 maven-surefire-common 2.12.4

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1.971 maven-repository-metadata 2.0.9

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* /opt/cola/permits/1138552775_1614290817.86/0/quartz-jobs-2-3-2-sources-1-jar/org/quartz/jobs/ee/mail/SendMailJob.java

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1.982 maven-invoker 2.0.11

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1.983 maven-deploy-plugin 2.7

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1.984 python 2.7.17-2ubuntu4

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National
Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes

2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
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2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes

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```
"""
A library to support the Internationalised Domain Names in Applications
(IDNA) protocol as specified in RFC 5890 et.al. This new methodology,
known as IDNA 2008, can generate materially different results to the
previous standard. The library can act as a drop-in replacement for
the "encodings.idna" module.
"""

import io, sys
from setuptools import setup


def main():

  python_version = sys.version_info[:2]
```

```
    if python_version < (2,7):
        raise SystemExit("Sorry, Python 2.7 or newer required")

    package_data = {}
    exec(open('idna/package_data.py').read(), package_data)

    arguments = {
        'name': 'idna',
        'packages': ['idna'],
        'version': package_data['__version__'],
        'description': 'Internationalized Domain Names in Applications (IDNA)',
        'long_description': io.open("README.rst", encoding="UTF-8").read(),
        'author': 'Kim Davies',
        'author_email': 'kim@cynosure.com.au',
         'license': 'BSD-like',
        'url': 'https://github.com/kjd/idna',
        'classifiers': [
            'Development Status :: 5 - Production/Stable',
            'Intended Audience :: Developers',
            'Intended Audience :: System Administrators',
            'License :: OSI Approved :: BSD License',
            'Operating System :: OS Independent',
            'Programming Language :: Python',
            'Programming Language :: Python :: 2',
            'Programming Language :: Python :: 2.7',
            'Programming Language :: Python :: 3',
            'Programming Language :: Python :: 3.4',
            'Programming Language :: Python :: 3.5',
            'Programming Language :: Python :: 3.6',
            'Topic :: Internet :: Name Service (DNS)',
            'Topic :: Software Development :: Libraries :: Python Modules',
            'Topic :: Utilities',
        ],
        'python_requires': '>=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*',
         'test_suite': 'tests',
    }

    setup(**arguments)

if __name__ == '__main__':
    main()
```

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Metadata-Version: 1.2
Name: idna

Version: 2.8
Summary: Internationalized Domain Names in Applications (IDNA)
Home-page: https://github.com/kjd/idna
Author: Kim Davies
Author-email: kim@cynosure.com.au
License: BSD-like
Description: Internationalized Domain Names in Applications (IDNA)
==========

Support for the Internationalised Domain Names in Applications
(IDNA) protocol as specified in `RFC 5891 <http://tools.ietf.org/html/rfc5891>`_.
This is the latest version of the protocol and is sometimes referred to as
“IDNA 2008”.

This library also provides support for Unicode Technical Standard 46,
`Unicode IDNA Compatibility Processing <http://unicode.org/reports/tr46/>`_.

This acts as a suitable replacement for the “encodings.idna” module that
comes with the Python standard library,
but only supports the
old, deprecated IDNA specification (`RFC 3490 <http://tools.ietf.org/html/rfc3490>`_).

Basic functions are simply executed:

.. code-block:: pycon

```
# Python 3
>>> import idna
>>> idna.encode('.')
b'xn--eckwd4c7c.xn--zckzah'
>>> print(idna.decode('xn--eckwd4c7c.xn--zckzah'))
.

# Python 2
>>> import idna
>>> idna.encode(u'.')
'xn--eckwd4c7c.xn--zckzah'
>>> print idna.decode('xn--eckwd4c7c.xn--zckzah')
.
```

Packages

The latest tagged release version is published in the PyPI repository:

.. image:: https://badge.fury.io/py/idna.svg
:target: http://badge.fury.io/py/idna

Installation

To install this library,
you can use pip:

.. code-block:: bash

$ pip install idna

Alternatively, you can install the package using the bundled setup script:

.. code-block:: bash

$ python setup.py install

This library works with Python 2.7 and Python 3.4 or later.

Usage

For typical usage, the ``encode`` and ``decode`` functions will take a domain
name argument and perform a conversion to A-labels or U-labels respectively.

.. code-block:: pycon

```
# Python 3
>>> import idna
>>> idna.encode('.')
b'xn--eckwd4c7c.xn--zckzah'
>>> print(idna.decode('xn--eckwd4c7c.xn--zckzah'))
.
```

You may use the codec encoding and decoding methods using the
``idna.codec`` module:

.. code-block:: pycon

```
 # Python 2
>>> import idna.codec
>>> print u'.'.encode('idna')
xn--80ahd1agd.xn--80akhbyknj4f
>>> print 'xn--80ahd1agd.xn--80akhbyknj4f'.decode('idna')
.
```

Conversions can be applied at a per-label basis using the ``ulabel`` or ``alabel``

functions if necessary:

.. code-block:: pycon

```
# Python 2
>>> idna.alabel(u'')
'xn--0zwm56d'
```

Compatibility Mapping (UTS #46)
++++++++++++++++++++++++++++++

As described in `RFC 5895 <http://tools.ietf.org/html/rfc5895>`_, the IDNA specification no longer normalizes input from different potential ways a user may input a domain name. This functionality, known as a “mapping”, is now considered by the specification to be a local user-interface issue distinct from IDNA conversion functionality.

This library provides one such mapping, that was developed by the Unicode Consortium. Known as `Unicode IDNA Compatibility Processing <http://unicode.org/reports/tr46/>`_, it provides for both a regular mapping for typical applications, as well as a transitional mapping to help migrate from older IDNA 2003 applications.

For example, “Königsgäßchen” is not a permissible label as *LATIN CAPITAL LETTER K* is not allowed (nor are capital letters in general). UTS 46 will convert this into lower case prior to applying the IDNA conversion.

.. code-block:: pycon

```
# Python 3
>>> import idna
>>> idna.encode(u'Königsgäßchen')
...
idna.core.InvalidCodepoint: Codepoint U+004B at position 1 of 'Königsgäßchen' not allowed
>>> idna.encode('Königsgäßchen', uts46=True)
b'xn--knigsgchen-b4a3dun'
>>> print(idna.decode('xn--knigsgchen-b4a3dun'))
 königsgäßchen
```

Transitional processing provides conversions to help transition from the older 2003 standard to the current standard. For example, in the original IDNA specification, the *LATIN SMALL LETTER SHARP S* (ß) was converted into two *LATIN SMALL LETTER S* (ss), whereas in the current IDNA specification this conversion is not performed.

.. code-block:: pycon

```
# Python 2
```

```
>>> idna.encode(u'Königsgäßchen', uts46=True, transitional=True)
'xn--knigsgsschen-lcb0w'
```

Implementors should use transitional processing with caution, only in rare cases where conversion from legacy labels to current labels must be performed (i.e. IDNA implementations that pre-date 2008). For typical applications that just need to convert labels, transitional processing is unlikely to be beneficial and could produce
unexpected incompatible results.

``encodings.idna`` Compatibility
++++++++++++++++++++++++++++++++

Function calls from the Python built-in ``encodings.idna`` module are mapped to their IDNA 2008 equivalents using the ``idna.compat`` module. Simply substitute the ``import`` clause in your code to refer to the new module name.

Exceptions

All errors raised during the conversion following the specification should raise an exception derived from the ``idna.IDNAError`` base class.

More specific exceptions that may be generated as ``idna.IDNABidiError`` when the error reflects an illegal combination of left-to-right and right-to-left characters in a label; ``idna.InvalidCodepoint`` when a specific codepoint is an illegal character in an IDN label (i.e. INVALID); and ``idna.InvalidCodepointContext`` when the codepoint is
illegal based on its positional context (i.e. it is CONTEXTO or CONTEXTJ but the contextual requirements are not satisfied.)

Building and Diagnostics

The IDNA and UTS 46 functionality relies upon pre-calculated lookup tables for performance. These tables are derived from computing against eligibility criteria in the respective standards. These tables are computed using the command-line script ``tools/idna-data``.

This tool will fetch relevant tables from the Unicode Consortium and perform the required calculations to identify eligibility. It has three main modes:

* ``idna-data make-libdata``. Generates ``idnadata.py`` and ``uts46data.py``, the pre-calculated lookup tables using for IDNA and UTS 46 conversions. Implementors who wish to track this library against a different Unicode version may use this tool to manually

generate a different version of the ``idnadata.py`` and ``uts46data.py``
files.

* ``idna-data make-table``. Generate a table of the IDNA disposition
(e.g. PVALID, CONTEXTJ, CONTEXTO) in the format found in Appendix B.1 of RFC
5892 and the pre-computed tables published by `IANA <http://iana.org/>`_.

* ``idna-data U+0061``. Prints debugging output on the various properties
associated with an individual Unicode codepoint (in this case, U+0061), that are
used to assess the IDNA and UTS 46 status of a codepoint. This is helpful in debugging
or analysis.

The tool accepts a number of arguments, described using ``idna-data -h``. Most notably,
the ``--version`` argument allows the specification of the version of Unicode to use
in computing the table data. For example, ``idna-data --version 9.0.0 make-libdata``
will generate library data against Unicode 9.0.0.

Note that this script requires Python 3, but all generated library data will work
in Python 2.7.

Testing

The library has a test suite based on each rule of the IDNA specification, as
well as tests that are provided as part of the Unicode Technical Standard 46,
`Unicode IDNA Compatibility Processing <http://unicode.org/reports/tr46/>`_.

The tests are run automatically on each commit at Travis CI:

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1.989 java-common 0.72

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1.997 libxfixes 5.0.3-2

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1.998 x11-utils 7.7+5

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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 <signature of Ty Coon>, 1 April 1990
 Ty Coon, President of Vice

That's all there is to it!

1.1000 giflib 5.1.9-1

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1.1001 supervisor 4.1.0-1ubuntu1

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1.1002 commons-lang3 2.3.0.v201005080501

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1.1003 zstd 1.4.4+dfsg-3ubuntu0.1

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*/

```
/* checkTag : validation tool for libzstd
* command :
* $ ./checkTag tag
* checkTag validates tags of following format : v[0-9].[0-9].[0-9]{any}
* The tag is then compared to zstd version number.
* They are compatible if first 3 digits are identical.
* Anything beyond that is free, and doesn't impact validation.
* Example : tag v1.8.1.2 is compatible with version 1.8.1
* When tag and version are not compatible, program exits with error code 1.
* When they are compatible, it exists with a code 0.
* checkTag is intended to be used in automated testing environment.
*/
```

1.1004 libtasn 4.16.0-2

1.1004.1 Available under license :

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Version 2.1, February 1999

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1.1012 gorilla 1.8.0

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* /opt/cola/permits/1145056900_1618227567.25/0/hawtbuf-1-11-sources-6-jar/org/fusesource/hawtbuf/codec/FixedBufferCodec.java
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* /opt/cola/permits/1145056900_1618227567.25/0/hawtbuf-1-11-sources-6-jar/org/fusesource/hawtbuf/codec/VarLongCodec.java
* /opt/cola/permits/1145056900_1618227567.25/0/hawtbuf-1-11-sources-6-jar/org/fusesource/hawtbuf/BufferInputStream.java
* /opt/cola/permits/1145056900_1618227567.25/0/hawtbuf-1-11-sources-6-jar/org/fusesource/hawtbuf/codec/VarIntegerCodec.java
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jar/org/fusesource/hawtbuf/codec/ObjectCodec.java
* /opt/cola/permits/1145056900_1618227567.25/0/hawtbuf-1-11-sources-6-jar/org/fusesource/hawtbuf/DataByteArrayOutputStream.java
* /opt/cola/permits/1145056900_1618227567.25/0/hawtbuf-1-11-sources-6-jar/org/fusesource/hawtbuf/codec/BytesCodec.java
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1.1014 jackson-annotations 2.11.3

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1.1015 jackson 2.10.5

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 maintenance of the SQLite code base, operation of the SQLite
website, protection and maintenance of the SQLite
trademark, as well as for promotion of SQLite at conferences and
trade shows; and

WHEREAS, Company wishes to receive benefits in the form of
services from Hwaci in consideration for their support of SQLite; and

WHEREAS, Company and Hwaci each wish SQLite to be supported and
maintained as an independent, community-driven project, and to
ensure the SQLite development team remains independent.

NOW, THEREFORE, in consideration of the mutual promises contained
herein, the parties agree as follows:

<h2>1.0 Definitions</h2>

<h3>1.1 SQLite Developers</h3>
The "SQLite Developers" are the employees or contractors of Hwaci engaged
in the development of SQLite, including without limitation the
SQLite Architect.

<h3>1.2 SQLite Architect</h3>
The "SQLite Architect" is the SQLite Developer with ultimate
responsibility and authority over changes
 and maintenance of the
SQLite code. The current SQLite Architect is the original designer
and developer of SQLite, D. Richard Hipp. Hwaci may change the
SQLite Architect from time to time upon approval by Company.

<h3>1.3 Consortium Member</h3>
A "Consortium Member" is a company or organization, including
but not limited to Company, which has entered into an agreement
with Hwaci which is substantially similar to this Agreement.

<h2>2.0 Agreement<h2>

<h3>2.1 Responsibilities And Obligations Of SQLite Developers</h3>

<h4>2.1.1 General Support</h4>
The SQLite Developers shall provide, without limit,
timely and accurate answers, advice, and instruction
in response to questions and comments from Company about SQLite
submitted by email or by telephone at any time day or night.

<h4>2.1.2 Debugging Support</h4>
The SQLite Developers shall at Company's request provide
Company with direct assistance
in debugging applications that are built upon or use SQLite.
The combined
time for Debugging Support and Custom
Development for Company is limited to 330 hours per year.

<h4>2.1.3 Custom Development</h4>
The SQLite Developers shall at the request of Company
write new extensions or enhancements
to SQLite according to Company's specifications. These extensions
and enhancements may be proprietary to Company or open source or
with the consent of both Company and the SQLite Architect may
be folded into the public domain SQLite source tree.
The time devoted to Custom Development for Company is limited 220 hours
per year.

<h4>2.1.4 Custom Builds</h4>
The SQLite Developers shall at Company's request provide Company
with specialized builds of SQLite according to Company's specifications.

<h4>2.1.5 Legacy Support</h4>
The SQLite Developers shall at Company's request provide support
and bug-fix patches for any historical version of SQLite.

<h4>2.1.6 Custom Testing</h4>
The SQLite Developers shall at Company's request set up and
run
acceptance tests according Company's specifications that are specifically
designed to exercise SQLite as configured and used by Company.
These acceptance tests shall be run and shall pass prior to any release
of SQLite.

<h4>2.1.7 Priority Bug Fixes</h4>
The SQLite Developers shall assign highest priority to fixing bugs
in SQLite that are reported by Company or in which Company has
expressed a specific interest.

<h4>2.1.8 Code Quality</h4>
The SQLite Developers shall at all times keep the SQLite source
code well commented and documented and clearly structured and

organized so that an experienced and competent programmer can
understand it and support it after no more than a few months of study.

<h4>2.1.9 Backwards Compatibility</h4>
The SQLite Developers recognize that Company uses SQLite
in mission-critical applications and therefore shall work diligently
to ensure continuing bug-free correct operation and backwards
compatibility with prior releases.

<h4>2.1.10
 Test Coverage</h4>
The SQLite Developers shall maintain the SQLite test suite such
that no less than 95% source code coverage is provided.

<h4>2.1.11 Website</h4>
The SQLite Developers shall maintain the SQLite website at
http://www.sqlite.org/
in good working order and all SQLite source code shall
be made freely available at such website.

<h3>2.2 Responsibilities And Obligations Of The SQLite Architect</h3>

<h4>2.2.1 Private Briefings</h4>
The SQLite Architect shall, at the request of Company,
provide Company with private notification and briefings
of any new bugs or new features in SQLite that might
effect Company's products.

<h4>2.2.2 Direction</h4>
The SQLite Architect shall coordinate the activities of SQLite
Developers and shall publish from time to time a roadmap of
proposed future changes and enhancements to SQLite.

<h4>2.2.3 Oversight</h4>
The SQLite Architect shall personally
 review all changes to
the SQLite Source Code and take responsibility for the quality
and correctness of those changes.

<h4>2.2.4 Continuity</h4>

The initial SQLite Architect shall be the original developer
of SQLite, D. Richard Hipp. The role of SQLite Architect shall
not be assigned to another during the term of this Agreement except
due to the disability of Dr. Hipp and with approval of Company.

<h3>2.3 Responsibilities And Obligations Of Hwaci</h3>

<h4>2.3.1 Employer</h4>
Hwaci shall act as the employer of the SQLite Developers and
SQLite Architect and shall make all tax and legal filings
and tax withholding required by employers. Hwaci shall provide
Company with W-9 information upon request.

<h4>2.3.2 Responsible Party</h4>
All obligations of the SQLite Developers set forth in this
agreement are deemed obligations of Hwaci. Hwaci shall recruit,
employ, and supervise SQLite Developers in such a way that the
responsibilities and obligations of the SQLite
 Developers set
forth in this agreement are upheld.

<h4>2.3.3 Multiple Developers</h4>
Hwaci shall recruit and employ as many SQLite Developers for as
many hours as can be reasonably achieved using the funds received
from Consortium Members under this agreement.
So that support for SQLite will not be interrupted by the
disability or withdrawal of any one SQLite Developer, Hwaci will
keep at least two knowledgeable and competent SQLite Developers
on staff.

<h4>2.3.4 Mentorship</h4>
Hwaci shall work to encourage independent
programmers from around the world
to become familiar with SQLite internals so that there will be a
pool of talent able to support SQLite in the future.

<h4>2.3.5 Audits</h4>
Hwaci shall keep and maintain complete and accurate records
of the use of development funds provided by Company
and shall allow Company, or its representative, a certified
public accountant mutually acceptable to Hwaci and Company,
during office hours and at reasonable
 intervals, no more than
once every 12 months, to inspect and make extracts or copies
of such records solely for the purpose of ascertaining Hwaci's

compliance with the objectives and requirements of this agreement.

<h4>2.3.6 Disaster Planning</h4>
Hwaci shall maintain backup copies of all
SQLite source files and documentation, current and historical,
at at least two separate locations separated from each
other and from the primary on-line SQLite repository
by at least 400 kilometers.

<h4>2.3.7 Trademark</h4>
Hwaci shall maintain ownership of the SQLite trademark and
the sqlite.org domain name and shall purchase bandwidth and
server space for the
http://www.sqlite.org/ website.

<h4>2.3.8 No Take-overs or Buy-outs</h4>
Neither Hwaci nor the SQLite Architect shall relinquish development
control of SQLite during the term of this Agreement, by acquisition or merger
or by any other means,
except with the consent of Company.

<h4>2.3.9
New Consortium Members</h4>
New Consortium Members may be accepted into the consortium from
time to time under identical terms as this agreement, or under
substantially similar terms that have been approved by existing
Consortium Members.

<h4>2.3.10 Adequate Staff</h4>
Hwaci shall recruit and employ a sufficient number of qualified
SQLite Developers to easily cover all custom development,
debugging, and general support service obligations for all
Consortium Members while still providing ample time for
the SQLite Developers to engage in general maintenance
and extension of SQLite.

<h4>2.3.11 Use Of Funds</h4>
Hwaci shall use the funds provided hereunder
solely for the development and maintenance of SQLite as set forth in
this Agreement.
Interest on funds received in advance and held in trust will
be reinvested and used for the same purposes as the principal.

<h3>2.4 Responsibilities And Obligations Of Company</h3>

<h4>2.4.1 Funding</h4>
Company
 shall provide funding for the ongoing support and
maintenance of SQLite as set forth in section 3.0 "Fees".

<h4>2.4.2 Copyright Disclaimer</h4>
Company acknowledges that SQLite source code and documentation
published on the SQLite website
is in the public domain and that nothing in this agreement shall change
that fact.

<h2>3.0 Fees</h2>

In consideration of the performance
by Hwaci, the SQLite Developers, and the SQLite Architect
of the obligations described herein,
Company shall pay Hwaci at least US $75,000 per year in advance
either annually, quarterly, or monthly, at Company's discretion.

<h2>4.0 Confidentiality</h2>

<h3>4.1 Definition of Confidential Information</h3>

"Confidential Information" means any Company proprietary information,
technical data, trade secrets or know-how, including, but not limited to,
research, product plans, products, services, customers, customer lists,
markets, software, developments,
 inventions, processes, formulas,
technology, designs, drawings, engineering, hardware configuration
information, marketing, finances or other business information
disclosed by Company either directly or indirectly in writing,
orally or by drawings or inspection of parts or equipment.

<h3>4.2 Non-Use and Non-Disclosure.</h3>

Hwaci shall not, during or subsequent to the term of this Agreement,
use Company's Confidential Information for any purpose whatsoever
other than the performance of the Services or disclose
Company's Confidential Information to any third party. The parties
acknowledge that Confidential Information will remain the sole
property of Company. Hwaci shall take all reasonable precautions
to prevent any unauthorized disclosure of Confidential Information
including, but not limited to, having each employee or

consultant of Hwaci, if any, with access to any
Confidential Information, execute a nondisclosure agreement
containing provisions in Company's
favor substantially similar
to this Agreement. Confidential Information does not include
information that: (i) is known to Hwaci at the time of
disclosure to Hwaci by Company as evidenced by written
records of Hwaci; (ii) has become publicly known and made
generally available through no wrongful act of Hwaci; or
(iii) has been received by Hwaci from a third party who is
authorized to make such disclosure.

<h4>4.2.1 Disclosure Required by Law</h4>
In the event any Confidential Information is required to be disclosed
by Hwaci under the terms of a valid and effective subpoena or order
issued by a court of competent jurisdiction, or by a demand or
information request from an executive or administrative agency
or other governmental authority, Hwaci shall, unless prohibited
by the terms of a subpoena, order, or demand, promptly notify
Company of the existence, terms and circumstances surrounding
such demand or request, shall consult with Company on the
advisability of
taking legally available steps to resist
or narrow such demand or request, and, if disclosure of
such Confidential Information is required, shall exercise
its reasonable best efforts to narrow the scope of disclosure
and obtain an order or other reliable assurance that
confidential treatment will be accorded to such
Confidential Information. To the extent that Hwaci
is prohibited from notifying Company of a subpoena,
order or demand, by the terms of same, Hwaci shall exercise
its reasonable efforts to narrow the scope of disclosure.

<h3>4.3 Return of Materials.</h3>

Upon the termination of this Agreement, or upon Company's
earlier request, Hwaci shall deliver to Company all of
Company's property or Confidential Information that Hwaci
may have in Hwaci's possession or control.

<h2>5.0 Intellectual Property</h2>

<h3>5.1 No Assignment</h3>

Company acknowledges that all copyrightable material, notes,
records, drawings, designs, inventions, improvements, developments,

discoveries and trade secrets made, generated, conceived, or

reduced to practice by Hwaci related to SQLite
will remain the property of Hwaci. Nothing in this Agreement
will be construed to transfer any intellectual property right
of Hwaci to Company.

<h3>5.2 Availability and Public Domain Dedication</h3>

The SQLite Developers and Hwaci shall,
subject to their discretion as to the quality
and suitability of the SQLite source code and documentation
for public release, make
the SQLite source code and documentation
publicly available as downloadable files
and make a public statement ceding all intellectual
property rights, including but not limited to copyright
and patent rights, in the SQLite source code and documentation
to the public domain.
To the extent that the SQLite Developers and Hwaci
elect not to release the SQLite
source code and documentation
publicly, they shall provide copies thereof to
Company and hereby grants to Company, under all of the
SQLite
 Developers' and Hwaci's
rights
including but not limited to copyright and patent rights,
in and to the SQLite source code and documentation,
perpetual, irrevocable,
worldwide, non-exclusive, sublicenseable license to use,
copy, prepare derivative works of, publicly perform and
display the SQLite source code and documentation
and derivative works thereof.

<h3>5.3 Trademark</h3>

Hwaci shall use the name "SQLite" only to apply to the
publicly available project known by such name as of the
Effective Date. Hwaci may in its discretion file such
trademark applications or registrations as it deems
appropriate to protect or record its rights therein,
and may set such policies as it deems appropriate for
licensing the use of the trademark.

<h2>6.0 Representations And Warranties</h3>

<h3>6.1 Intellectual Property Clearances.</h3>

Hwaci hereby represents and warrants that Hwaci shall

enter into agreements with the SQLite Developers sufficient
to enable Hwaci to
undertake the obligations of Section 5.

<h3>6.2 Disclaimer.</h3>

THE WORK PRODUCT AND ALL MATERIAL PROVIDED BY HWACI AND
COMPANY ARE PROVIDED "AS IS." NEITHER PARTY MAKES ANY
REPRESENTATIONS OR WARRANTIES OF ANY KIND, WHETHER ORAL
OR WRITTEN, WHETHER EXPRESS, IMPLIED, OR ARISING BY STATUTE,
CUSTOM, COURSE OF DEALING OR TRADE USAGE, WITH RESPECT TO
THE SUBJECT MATTER HEREOF, IN CONNECTION WITH THIS AGREEMENT.
EACH PARTY SPECIFICALLY DISCLAIMS ANY AND ALL IMPLIED
WARRANTIES OR CONDITIONS OF TITLE, MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT.

<h2>7.0 Term And Termination</h2>

<h3>7.1 Term.</h3>

This Agreement will commence on the Effective Date and
will continue until 12 months after the Effective Date.
Thereafter, the parties may by mutual consent renew
this Agreement subject to agreement on fees to be paid by
Company for sponsorship for additional periods.

<h3>7.2 Termination.</h3>

If either party materially defaults in
the performance
of any of its material obligations hereunder and if any
such default is not corrected within 30 days after notice
in writing, then the non-defaulting party, at its option,
may, in addition to any other remedies it may have, thereupon
terminate this Agreement by giving written notice of
termination to the defaulting party.

<h3>7.3 Survival.</h3>

Upon such termination all rights and duties of the
parties toward each other will cease except:
Sections 4 (Confidentiality), 5 (Intellectual Property),
and 8 (Miscellaneous) will survive termination of this Agreement.

<h2>8. Miscellaneous</h2>

<h3>8.1 Nonassignment/Binding Agreement.</h3>

The parties acknowledge that the unique nature of
Hwaci's services are substantial consideration for the
parties' entering into this Agreement. Neither this
Agreement nor any rights under this Agreement may be
assigned or otherwise transferred by Hwaci, in whole
or in part, whether voluntarily or by operation
 of law,
without the prior written consent of Company, which
consent will not be unreasonably withheld.
Subject to the foregoing, this Agreement will be binding
upon and will inure to the benefit of the parties and
their respective successors and assigns. Any assignment
in violation of the foregoing will be null and void.

<h3>8.2 Notices.</h3>

Any notice required or permitted under the terms of
this Agreement or required by law must be in writing
and must be: (a) delivered in person; (b) sent by first
class registered mail, or air mail, as appropriate; or
(c) sent by overnight air courier, in each case properly
posted and fully prepaid to the appropriate address set
forth in the preamble to this Agreement. Either party
may change its address for notice by notice to the other
party given in accordance with this Section. Notices
will be considered to have been given at the time of
actual delivery in person, three business days after
deposit in the mail as set forth
 above, or one day after
delivery to an overnight air courier service.

<h3>8.3 Waiver.</h3>

Any waiver of the provisions of this Agreement or
of a party's rights or remedies under this Agreement
must be in writing to be effective. Failure, neglect,
or delay by a party to enforce the provisions of this
Agreement or its rights or remedies at any time, will
not be construed as a waiver of such party's rights
under this Agreement and will not in any way affect
the validity of the whole or any part of this Agreement
or prejudice such party's right to take subsequent action.
No exercise or enforcement by either party of any right
or remedy under this Agreement will preclude the
enforcement by such party of any other right or remedy
under this Agreement or that such party is entitled by
law to enforce.

<h3>8.4 Severability.</h3>

If any term, condition, or provision in this Agreement
is found to be invalid, unlawful or unenforceable to
any extent, the parties
shall endeavor in good faith
to agree to such amendments that will preserve, as far
as possible, the intentions expressed in this Agreement.
If the parties fail to agree on such an amendment,
such invalid term, condition or provision will be
severed from the remaining terms, conditions and
provisions, which will continue to be valid and
enforceable to the fullest extent permitted by law.

<h3>8.5 Integration.</h3>

This Agreement contains the entire agreement of the
parties with respect to the subject matter of this
Agreement and supersedes all previous communications,
representations, understandings and agreements,
either oral or written, between the parties with
respect to said subject matter. This Agreement
may not be amended, except by a writing signed by both parties.

<h3>8.6 Counterparts.</h3>

This Agreement may be executed in counterparts,
each of which so executed will be deemed to be an
original and such counterparts together will constitute
one
and the same agreement.

<h3>8.7 Governing Law.</h3>

This Agreement will be interpreted and construed in
accordance with the laws of the State of North Carolina
and the United States of America, without regard to
conflict of law principles. All disputes arising out
of this Agreement will be subject to the exclusive
jurisdiction of the state and federal courts located in
North Carolina, and each party hereby consents to the
personal jurisdiction thereof.

<h3>8.8 Independent Contractors.</h3>

It is the intention of the parties that Hwaci is an
independent contractor. Nothing in this Agreement will
in any way be construed to constitute Hwaci or any of

its employees as an agent, employee or representative
of Company.

<h2>9.0 Signatures</h2>

The parties have executed this Agreement below to
indicate their acceptance of its terms.

<table width="100%" border="0">
<tr><td valign="top">
HWACI
By:<hr>

Print Name:<hr>

Title:<hr>

</td><td
 width="10%"></td>
<td valign="top">
COMPANY
By:<hr>

Print Name:<hr>

Title:<hr>

</td></tr></table>

Found in path(s):
* /opt/cola/permits/1147362671_1616936274.85/0/sqlite3-3-22-0-orig-www-1-tar-xz/www/consortium_agreement-20071201.html
No license file was found, but licenses were detected in source scan.

 Public domain source code
public domain and is thus free for

Found in path(s):
* /opt/cola/permits/1147362671_1616936274.85/0/sqlite3-3-22-0-orig-www-1-tar-xz/www/about.html
No license file was found, but licenses were detected in source scan.

SQLite is open source, and is available in the public domain

Found in path(s):
* /opt/cola/permits/1147362671_1616936274.85/0/sqlite3-3-22-0-orig-www-1-tar-xz/www/books.html
No license file was found, but licenses were detected in source scan.

<h2>Proprietary SQLite Extensions</h2>

public domain. But there also exist
proprietary, licensed extensions to SQLite.

Found in path(s):
* /opt/cola/permits/1147362671_1616936274.85/0/sqlite3-3-22-0-orig-www-1-tar-xz/www/support.html
No license file was found, but licenses were detected in source scan.

application is free to use the same database connection or the

Found in path(s):
* /opt/cola/permits/1147362671_1616936274.85/0/sqlite3-3-22-0-orig-www-1-tar-xz/www/capi3ref.html
No license file was found, but licenses were detected in source scan.

is free to use SQLite from multiple threads, but it must make sure

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* /opt/cola/permits/1147362671_1616936274.85/0/sqlite3-3-22-0-orig-www-1-tar-xz/www/custombuild.html
No license file was found, but licenses were detected in source scan.

application is free to use the same database connection or the

Found in path(s):
* /opt/cola/permits/1147362671_1616936274.85/0/sqlite3-3-22-0-orig-www-1-tar-xz/www/c3ref/c_config_covering_index_scan.html
No license file was found, but licenses were detected in source scan.

<dd> The psow query parameter works with the default windows and unix VFSes but might be a no-op for other
proprietary or non-standard VFSes.

Found in path(s):
* /opt/cola/permits/1147362671_1616936274.85/0/sqlite3-3-22-0-orig-www-1-tar-xz/www/requirements.html
No license file was found, but licenses were detected in source scan.

If N>0 then the connection is free to use more of the WAL file beyond

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* /opt/cola/permits/1147362671_1616936274.85/0/sqlite3-3-22-0-orig-www-1-tar-xz/www/walformat.html
No license file was found, but licenses were detected in source scan.

SQLite core and like the SQLite core are in the public domain. The
The TH3 test harness is a set of proprietary tests, written in

Found in path(s):
* /opt/cola/permits/1147362671_1616936274.85/0/sqlite3-3-22-0-orig-www-1-tar-xz/www/testing.html
No license file was found, but licenses were detected in source scan.

Sources are in the public domain.
or some proprietary format into

Found in path(s):
* /opt/cola/permits/1147362671_1616936274.85/0/sqlite3-3-22-0-orig-www-1-tar-xz/www/features.html
No license file was found, but licenses were detected in source scan.

public domain and so most

Found in path(s):
* /opt/cola/permits/1147362671_1616936274.85/0/sqlite3-3-22-0-orig-www-1-tar-xz/www/famous.html
No license file was found, but licenses were detected in source scan.

public domain. No claim of ownership is made

Found in path(s):
* /opt/cola/permits/1147362671_1616936274.85/0/sqlite3-3-22-0-orig-www-1-tar-xz/www/faq.html
No license file was found, but licenses were detected in source scan.

application code is free to use these routines as well, if desired.

Found in path(s):
* /opt/cola/permits/1147362671_1616936274.85/0/sqlite3-3-22-0-orig-www-1-tar-xz/www/34to35.html
No license file was found, but licenses were detected in source scan.

without a shared lock, other processes are free to modify the database

Found in path(s):
* /opt/cola/permits/1147362671_1616936274.85/0/sqlite3-3-22-0-orig-www-1-tar-xz/www/atomiccommit.html
No license file was found, but licenses were detected in source scan.

SQLite is high-quality, public domain software. The goal of
members can also request their own private, proprietary extensions

Found in path(s):
* /opt/cola/permits/1147362671_1616936274.85/0/sqlite3-3-22-0-orig-www-1-tar-xz/www/consortium.html
No license file was found, but licenses were detected in source scan.

<h2>SQLite Is Public Domain</h2>
Public Domain
public domain
the public domain and originals of
author, and all of those authors have public domain dedications
Even though SQLite is in the public domain and does not require
the public domain.
their contributions to the public domain.
in this code to the public domain. We make this dedication for the benefit

Found in path(s):
* /opt/cola/permits/1147362671_1616936274.85/0/sqlite3-3-22-0-orig-www-1-tar-xz/www/copyright.html

No license file was found, but licenses were detected in source scan.

data, so do not send the ".fullschema" output of a proprietary database

Found in path(s):
* /opt/cola/permits/1147362671_1616936274.85/0/sqlite3-3-22-0-orig-www-1-tar-xz/www/cli.html
No license file was found, but licenses were detected in source scan.

Public domain
The source code for SQLite is in the public domain. No claim of copyright

Found in path(s):
* /opt/cola/permits/1147362671_1616936274.85/0/sqlite3-3-22-0-orig-www-1-tar-xz/www/different.html
No license file was found, but licenses were detected in source scan.

<html>
<body bgcolor="white">
FOR IMMEDIATE RELEASE:

<h2 align="center">SQLite Consortium Launches With Mozilla And Symbian As Charter Members</h2>

<h3 align="center">Ensures independent technical direction for world's
most deployed SQL database engine</h3>

Charlotte, North Carolina - December 12, 2007 - The SQLite Consortium,
a new membership association dedicated to maintaining SQLite as a fully open
and independent product, was formally announced today. Mozilla and Symbian Ltd.
have joined the SQLite Consortium as charter members.

SQLite is a compact, high efficiency, high reliability, embeddable SQL database
engine. The source code to SQLite is in the public domain and is available with
no associated fees. SQLite is the most deployed SQL database engine in the world
and is currently used in a wide range of commercial software products and electronic
devices from leading manufacturers.
 SQLite is found today in many mobile phones,
MP3 players, set-top boxes, and PCs.

The mission of the SQLite Consortium is to continue developing and enhancing
SQLite as a product that anyone may use without paying royalties or licensing fees.
Members of the SQLite Consortium provide funding to enable this mission and in
return receive enterprise-level technical support. Technical control and direction
of SQLite remains entirely with the SQLite developers.

Mozilla, developer of the popular open-source Firefox web browser, and Symbian,
the market-leading open operating system for advanced data-enabled smartphones,
both deploy the SQLite database engine in their products. As charter members of
the Consortium, Mozilla and Symbian are ensuring the development and support of

SQLite as a freely accessible and public domain software asset.

"SQLite has become a popular embedded database because it is lightweight, fast,
and open source," said Michael Schroepfer,
Vice President of Engineering, Mozilla.
"As a charter member of the SQLite Consortium, Mozilla is excited to help ensure
SQLite remains a vibrant and open technology, in line with our mission to promote
choice and innovation on the Internet."

"The SQLite Consortium will help set the standards for database management
which are essential in smartphone functionality and will also help create a pool
of developers, highly-skilled in SQLite for future mobile phone development, "
said Bruce Carney, Director, Developer Programmes & Services, Symbian.
"Our involvement with the SQL Consortium not only demonstrates Symbian's commitment
to open standards in the industry, but as mobile phones become increasingly powerful
and smartphones become increasingly popular, we are focused on ensuring that
desktop developers, who move to the mobile space, have the easiest and most
productive experience possible."

SQLite is a winner of the 2005 Google/O'Reilly Open Source Award. Additional
information
regarding the SQLite Consortium is available at the SQLite website,
http://www.sqlite.org/.

# # #

About SQLite

SQLite is a software library that implements a self-contained, embeddable,
serverless, zero-configuration, transactional SQL database engine. The code for
SQLite is in the public domain and is free for any use, commercial or private.
SQLite is currently found in countless software titles and electronic devices.

SQLite was originally developed and released 2000 by Dr. D. Richard Hipp.
The code continues to be maintained and enhanced by an international team
of developers under Hipp's direction.

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```

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   */
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* /opt/cola/permits/1149509256_1618569689.51/0/asm-util-4-1-sources-1-
jar/org/objectweb/asm/util/Textifiable.java
* /opt/cola/permits/1149509256_1618569689.51/0/asm-util-4-1-sources-1-
jar/org/objectweb/asm/util/ASMifiable.java

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```
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*/
/**
   * Creates a new {@link GeneratorAdapter}. <i>Subclasses must not use this
   * constructor</i>. Instead, they must use the
   * {@link #GeneratorAdapter(int, MethodVisitor, int, String, String)}
   * version.
   *
   * @param mv
   *          the
 method visitor to which this adapter delegates calls.
   * @param access
   *          the method's access flags (see {@link Opcodes}).
   * @param name
   *          the method's name.
   * @param desc
   *          the method's descriptor (see {@link Type Type}).
   */
```

Found in path(s):
* /opt/cola/permits/1149509256_1618569689.51/0/asm-util-4-1-sources-1-jar/org/objectweb/asm/commons/GeneratorAdapter.java
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*/
/**
   * Creates a new {@link AnalyzerAdapter}. <i>Subclasses must not use this
   * constructor</i>. Instead, they must use the
   * {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}
   * version.
   *
   * @param owner
   *
     the owner's class name.
   * @param access
   *          the method's access flags (see {@link Opcodes}).
   * @param name
```

```
    *           the method's name.
    * @param desc
    *           the method's descriptor (see {@link Type Type}).
    * @param mv
    *           the method visitor to which this adapter delegates calls. May
    *           be <tt>null</tt>.
    */
```

Found in path(s):
* /opt/cola/permits/1149509256_1618569689.51/0/asm-util-4-1-sources-1-jar/org/objectweb/asm/commons/AnalyzerAdapter.java
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* /opt/cola/permits/1149509256_1618569689.51/0/asm-util-4-1-sources-1-jar/org/objectweb/asm/tree/analysis/package.html
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*

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* /opt/cola/permits/1149509256_1618569689.51/0/asm-util-4-1-sources-1-jar/org/objectweb/asm/tree/analysis/Subroutine.java
*
/opt/cola/permits/1149509256_1618569689.51/0/asm-util-4-1-sources-1-jar/org/objectweb/asm/tree/InsnList.java
* /opt/cola/permits/1149509256_1618569689.51/0/asm-util-4-1-sources-1-jar/org/objectweb/asm/Context.java
* /opt/cola/permits/1149509256_1618569689.51/0/asm-util-4-1-sources-1-jar/org/objectweb/asm/signature/SignatureVisitor.java

* /opt/cola/permits/1149509256_1618569689.51/0/asm-util-4-1-sources-1-jar/org/objectweb/asm/util/TraceClassVisitor.java
* /opt/cola/permits/1149509256_1618569689.51/0/asm-util-4-1-sources-1-jar/org/objectweb/asm/tree/analysis/Interpreter.java
* /opt/cola/permits/1149509256_1618569689.51/0/asm-util-4-1-sources-1-jar/org/objectweb/asm/tree/MethodInsnNode.java
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* /opt/cola/permits/1149509256_1618569689.51/0/asm-util-4-1-sources-1-jar/org/objectweb/asm/Type.java
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* /opt/cola/permits/1149509256_1618569689.51/0/asm-util-4-1-sources-1-jar/org/objectweb/asm/tree/LdcInsnNode.java
* /opt/cola/permits/1149509256_1618569689.51/0/asm-util-4-1-sources-1-jar/org/objectweb/asm/util/TraceFieldVisitor.java
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* /opt/cola/permits/1149509256_1618569689.51/0/asm-util-4-1-sources-1-
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* /opt/cola/permits/1149509256_1618569689.51/0/asm-util-4-1-sources-1-
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* /opt/cola/permits/1149509256_1618569689.51/0/asm-util-4-1-sources-1-
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* /opt/cola/permits/1149509256_1618569689.51/0/asm-util-4-1-sources-1-
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*
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jar/org/objectweb/asm/optimizer/ClassOptimizer.java
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/opt/cola/permits/1149509256_1618569689.51/0/asm-util-4-1-sources-1-
jar/org/objectweb/asm/tree/analysis/SmallSet.java
* /opt/cola/permits/1149509256_1618569689.51/0/asm-util-4-1-sources-1-
jar/org/objectweb/asm/tree/TableSwitchInsnNode.java
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*/
/**
    * Creates a new JSRInliner. <i>Subclasses must not use this
    * constructor</i>. Instead, they must use the
    * {@link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
    * version.
    *
    * @param mv
    *
   the <code>MethodVisitor</code> to send the resulting inlined
    *          method code to (use <code>null</code> for none).
    * @param access
    *          the method's access flags (see {@link Opcodes}). This
    *          parameter also indicates if the method is synthetic and/or
    *          deprecated.
    * @param name
    *          the method's name.
    * @param desc
    *          the method's descriptor (see {@link Type}).
    * @param signature
    *          the method's signature. May be <tt>null</tt>.
    * @param exceptions
    *          the internal names of the method's exception classes (see
    *          {@link Type#getInternalName() getInternalName}). May be
    *          <tt>null</tt>.
    */
```

Found in path(s):
* /opt/cola/permits/1149509256_1618569689.51/0/asm-util-4-1-sources-1-jar/org/objectweb/asm/commons/JSRInlinerAdapter.java

1.1030 spring-tx 5.2.2

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1.1031 eclipse-osgi-services 3.5.100.v20160504-1419

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 BIRT is an open source, Eclipse-based reporting system that integrates with
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 BIRT Runtime includes the resource which is necessary to run BIRT engine and BIRT
chart. It also includes a BIRT Sample Web Viewer.
 BIRT Engine is a report engine which generates report from defined report and
related data source.
 BIRT Chart is a 2 or 2.5 dimension data representation component.It can produce
24-bit images,8-bit images,SWT graphics or SWING graphics.
 You can find more information about BIRT and related technology from
 http://www.eclipse.org/birt/faq/

The Website for BIRT.

You can find the manual,samples and other source from http://www.eclipse.org/birt.

Running the BIRT Engine in Console

 In order to run the BIRT engine in command
 you should:

 1. set BIRT_HOME to the directory where BIRT Report Runtime Package is extracted.
 2. enter into $BIRT_HOME/ReportEngine folder.

2. generate the report by run
   genReport xxx.rptdesign
xxx.rptdesign is the design file. if the design file is in the current directory, you have to specify it by .\xxx.rptdesign

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* /opt/cola/permits/1149509772_1618569689.62/0/org-eclipse-osgi-services-3-5-100-v20160504-1419-sources-1-jar/runtime_readme.txt

1.1032 maven-archiver 2.4.2

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1.1033 maven-scm-provider-hg 1.8

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1.1034 eclipse-core-runtime 3.12.0.v20160606-1342

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1.1035 eclipse-core-jobs 3.8.0.v20160509-0411

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1.1036 xz-java 1.3.0.v201308270617

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1.1038 eclipse-core-contenttype 3.5.100.v20160418-1621

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1.1039 wagon-ssh-common 1.0

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1.1040 maven-scm-provider-perforce 1.8

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1.1041 eclipse-equinox-app 1.3.400.v20150715-1528

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BIRT Runtime

What is it?

BIRT is an open source, Eclipse-based reporting system that integrates with
your application to produce compelling reports for both web and PDF.
BIRT Runtime includes the resource which is necessary to run BIRT engine and BIRT
chart. It also includes a BIRT Sample Web Viewer.
BIRT Engine is a report engine which generates report from defined report and
related data source.
BIRT Chart is a 2 or 2.5 dimension data representation component.It can produce
24-bit images,8-bit images,SWT graphics or SWING graphics.
You can find more information about BIRT and related technology from
http://www.eclipse.org/birt/faq/

The Website for BIRT.

You can find the manual,samples and other source from http://www.eclipse.org/birt.

Running the BIRT Engine in Console

In order to run the BIRT engine in command
you should:

1. set BIRT_HOME to the directory where BIRT Report Runtime Package is extracted.
2. enter into $BIRT_HOME/ReportEngine folder.
2. generate the report by run
   genReport xxx.rptdesign

xxx.rptdesign is the design file. if the design file is in the current directory, you have to specify it by .\xxx.rptdesign

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Found in
path(s):
* /opt/cola/permits/1149509678_1618569695.04/0/org-eclipse-equinox-app-1-3-400-v20150715-1528-sources-1-jar/runtime_readme.txt

1.1042 doxia-module-markdown 1.4

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1.1043 doxia-module-fml 1.2

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1.1045 eclipse-osgi 3.11.2.v20161107-1947

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1.1046 eclipse-equinox-security 1.2.200.v20150715-1528

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1.1047 maven-scm-provider-cvsjava 1.8

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1.1048 maven-plugin-testing-harness 2.1

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1.1049 maven-slf4j-provider 3.5.3

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1.1052 maven-scm-provider-git-commons 1.8

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1.1057 maven-compat 3.5.3

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1.1058 maven-resources-plugin 2.4.3

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* /opt/cola/permits/1149509916_1618569694.4/0/maven-plugin-testing-harness-1-0-beta-1-sources-1-jar/org/apache/maven/plugin/testing/stubs/MavenProjectStub.java
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1.1060 eclipse-equinox-registry 3.6.100.v20160223-2218

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1.1063 doxia-core 1.4

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1.1065 doxia-decoration-model 1.4

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/**
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   * {@link #GeneratorAdapter(int, MethodVisitor, int, String, String)}
   * version.
   *
   * @param mv
   *          the
 method visitor to which this adapter delegates calls.
   * @param access
   *          the method's access flags (see {@link Opcodes}).
   * @param name
   *          the method's name.
   * @param desc
   *          the method's descriptor (see {@link Type Type}).
   */
```

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```

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* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-jar/org/objectweb/asm/Edge.java
* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-jar/org/objectweb/asm/optimizer/Constant.java
* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-jar/org/objectweb/asm/commons/AdviceAdapter.java
* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-jar/org/objectweb/asm/tree/analysis/SimpleVerifier.java
* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-jar/org/objectweb/asm/tree/FieldInsnNode.java
* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-jar/org/objectweb/asm/util/TraceAnnotationVisitor.java
* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-jar/org/objectweb/asm/optimizer/FieldConstantsCollector.java

* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-jar/org/objectweb/asm/commons/RemappingFieldAdapter.java
* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-jar/org/objectweb/asm/util/CheckMethodAdapter.java
* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-jar/org/objectweb/asm/tree/AnnotationNode.java
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* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-jar/org/objectweb/asm/util/ASMifier.java
* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-jar/org/objectweb/asm/ClassWriter.java
* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-jar/org/objectweb/asm/tree/InsnList.java
* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-jar/org/objectweb/asm/commons/TableSwitchGenerator.java
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jar/org/objectweb/asm/AnnotationVisitor.java
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* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-jar/org/objectweb/asm/Handler.java
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jar/org/objectweb/asm/ByteVector.java
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* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-
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* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-
jar/org/objectweb/asm/tree/TableSwitchInsnNode.java
* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-
jar/org/objectweb/asm/commons/Method.java
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jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java
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* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-
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* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-
jar/org/objectweb/asm/xml/SAXFieldAdapter.java
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*/
/**
   * Creates a new {@link AnalyzerAdapter}. <i>Subclasses must not use this
   * constructor</i>. Instead, they must use the
   * {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}
   * version.
   *
   * @param owner
   *
     the owner's class name.
   * @param access
   *          the method's access flags (see {@link Opcodes}).
   * @param name
   *          the method's name.
   * @param desc
   *          the method's descriptor (see {@link Type Type}).
   * @param mv
   *          the method visitor to which this adapter delegates calls. May
   *          be <tt>null</tt>.
   */
```

Found in path(s):

* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-jar/org/objectweb/asm/commons/AnalyzerAdapter.java
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* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-jar/org/objectweb/asm/attrs/package.html
* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-jar/org/objectweb/asm/signature/package.html
*
 /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-jar/org/objectweb/asm/tree/package.html
* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-jar/org/objectweb/asm/util/package.html
* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-jar/org/objectweb/asm/commons/package.html
* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-jar/org/objectweb/asm/package.html
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* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-jar/org/objectweb/asm/util/ASMifiable.java
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*/
/**
   * Constructs a new {@link ClassNode}. <i>Subclasses must not use this
   * constructor</i>. Instead, they must use the {@link #ClassNode(int)}
   * version.
   */
```

Found in path(s):
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   * Creates a new JSRInliner. <i>Subclasses must not use this
   * constructor</i>. Instead, they must use the
   * {@link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
   * version.
   *
   * @param mv
   *
  the <code>MethodVisitor</code> to send the resulting inlined
   *          method code to (use <code>null</code> for none).
   * @param access
   *          the method's access flags (see {@link Opcodes}). This
   *          parameter also indicates if the method is synthetic and/or
   *          deprecated.
   * @param name
   *          the method's name.
   * @param desc
   *          the method's descriptor (see {@link Type}).
   * @param signature
   *          the method's signature. May be <tt>null</tt>.
   * @param exceptions
   *          the internal names of the method's exception classes (see
   *          {@link Type#getInternalName() getInternalName}). May be
   *          <tt>null</tt>.
   */
```

Found in path(s):
* /opt/cola/permits/1149509751_1617190023.04/0/asm-analysis-4-1-sources-1-jar/org/objectweb/asm/commons/JSRInlinerAdapter.java

1.1069 spidermonkey 1.8.5

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and semantics are as close as possible to those of the Perl 5 language.

This is JavaScriptCore's variant of the PCRE library. While this library
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1.1070 doxia-logging-api 1.4

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1.1091 gson 2.8.6

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* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-
jar/com/google/gson/internal/LinkedTreeMap.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-
jar/com/google/gson/internal/LinkedHashTreeMap.java
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jar/com/google/gson/internal/bind/CollectionTypeAdapterFactory.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-
jar/com/google/gson/internal/bind/TypeAdapters.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-
jar/com/google/gson/internal/bind/JsonTreeReader.java
*
 /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-
jar/com/google/gson/internal/bind/ArrayTypeAdapter.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-
jar/com/google/gson/internal/bind/ObjectTypeAdapter.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-
jar/com/google/gson/internal/bind/MapTypeAdapterFactory.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/TypeAdapter.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-
jar/com/google/gson/internal/JsonReaderInternalAccess.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-
jar/com/google/gson/internal/bind/JsonTreeWriter.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-
jar/com/google/gson/TypeAdapterFactory.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-
jar/com/google/gson/internal/bind/ReflectiveTypeAdapterFactory.java
*
 /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-
jar/com/google/gson/internal/bind/TypeAdapterRuntimeTypeWrapper.java

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* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/GsonBuildConfig.java

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* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/reflect/PreJava9ReflectionAccessor.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/PreJava9DateFormatProvider.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/reflect/ReflectionAccessor.java
*

/opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/reflect/UnsafeReflectionAccessor.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/JavaVersion.java
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```

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* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonParseException.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonPrimitive.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/ExclusionStrategy.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonDeserializer.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/$Gson$Preconditions.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/Excluder.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonSerializationContext.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonArray.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/annotations/Since.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/Primitives.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/reflect/TypeToken.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/Gson.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonIOException.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonObject.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonSerializer.java

* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/ObjectConstructor.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonNull.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonDeserializationContext.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonElement.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/GsonBuilder.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/FieldNamingPolicy.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/FieldNamingStrategy.java
*
/opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/DefaultDateTypeAdapter.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/annotations/Until.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/annotations/SerializedName.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/annotations/Expose.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/InstanceCreator.java
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* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/annotations/JsonAdapter.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/bind/JsonAdapterAnnotationTypeAdapterFactory.java
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* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/bind/SqlDateTypeAdapter.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/ConstructorConstructor.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/bind/TimeTypeAdapter.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/bind/DateTypeAdapter.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/UnsafeAllocator.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/bind/TreeTypeAdapter.java
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* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/$Gson$Types.java
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* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonSyntaxException.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/Streams.java
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* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/stream/JsonWriter.java

* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/stream/JsonScope.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/stream/MalformedJsonException.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/stream/JsonReader.java
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* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonStreamParser.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/FieldAttributes.java
* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonParser.java

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1.1093 xml-apis 2.0.2

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```
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* Default base class for handlers.
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* </blockquote>
*
* <p>This class implements the default behaviour for four SAX1
* interfaces: EntityResolver, DTDHandler, DocumentHandler,
* and ErrorHandler.  It is now obsolete, but is included in SAX2 to
* support legacy SAX1 applications.  SAX2 applications should use
* the {@link org.xml.sax.helpers.DefaultHandler DefaultHandler}
* class instead.</p>
*
* <p>Application writers can extend this class when they need to
* implement only part of an interface; parser writers can
* instantiate this class to provide default handlers when the
* application has not supplied its own.</p>
*
* <p>Note that the use of this class is optional.</p>
*
* @deprecated This class works with the deprecated
*             {@link
 org.xml.sax.DocumentHandler DocumentHandler}
*             interface.  It has been replaced by the SAX2
*             {@link org.xml.sax.helpers.DefaultHandler DefaultHandler}
*             class.
* @since SAX 1.0
* @author David Megginson,
*         <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.EntityResolver
* @see org.xml.sax.DTDHandler
* @see org.xml.sax.DocumentHandler
* @see org.xml.sax.ErrorHandler
*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/HandlerBase.java

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```
/**
* Basic interface for SAX error handlers.
*
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* </blockquote>
*
* <p>If a SAX application needs to implement customized error
* handling, it must implement this interface and then register an
* instance with the XML reader using the
* {@link org.xml.sax.XMLReader#setErrorHandler setErrorHandler}
* method.  The parser will then report all errors and warnings
* through this interface.</p>
*
* <p><strong>WARNING:</strong> If an application does <em>not</em>
* register an ErrorHandler, XML parsing errors will go unreported
* and bizarre behaviour may result.</p>
*
* <p>For XML processing errors, a SAX driver must use this interface
* instead of throwing an exception: it is up to the application
* to decide whether to throw an exception for different types
 of
* errors and warnings.  Note, however, that there is no requirement that
* the parser continue to provide useful information after a call to
* {@link #fatalError fatalError} (in other words, a SAX driver class
* could catch an exception and report a fatalError).</p>
*
* @since SAX 1.0
* @author David Megginson,
*        <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.Parser#setErrorHandler
* @see org.xml.sax.SAXParseException
*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/ErrorHandler.java
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```
// NO WARRANTY!  This class is in the Public Domain.
/**
* Base class for deriving an XML filter.
*
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* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
*
* <p>This class is designed to sit between an {@link org.xml.sax.XMLReader
* XMLReader} and the client application's event handlers.  By default, it
* does nothing but pass requests up to the reader and events
* on to the handlers unmodified, but subclasses can override
* specific methods to modify the event stream or the configuration
* requests as they pass through.</p>
*
* @since SAX 2.0
* @author David Megginson,
*        <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.XMLFilter
* @see org.xml.sax.XMLReader
* @see org.xml.sax.EntityResolver
* @see org.xml.sax.DTDHandler
* @see org.xml.sax.ContentHandler
 * @see org.xml.sax.ErrorHandler
*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/helpers/XMLFilterImpl.java
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```
/**
* Receive notification of basic DTD-related events.
*
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* </blockquote>
*
* <p>If a SAX application needs information about notations and
* unparsed entities, then the application implements this
* interface and registers an instance with the SAX parser using
* the parser's setDTDHandler method.  The parser uses the
* instance to report notation and unparsed entity declarations to
* the application.</p>
*
* <p>Note that this interface includes only those DTD events that
* the XML recommendation <em>requires</em> processors to report:
* notation and unparsed entity declarations.</p>
*
* <p>The SAX parser may report these events in any order, regardless
* of the order in which the notations and unparsed entities were
```

```
* declared; however, all DTD events
 must be reported after the
* document handler's startDocument event, and before the first
* startElement event.</p>
*
* <p>It is up to the application to store the information for
* future use (perhaps in a hash table or object tree).
* If the application encounters attributes of type "NOTATION",
* "ENTITY", or "ENTITIES", it can use the information that it
* obtained through this interface to find the entity and/or
* notation corresponding with the attribute value.</p>
*
* @since SAX 1.0
* @author David Megginson,
*        <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.Parser#setDTDHandler
* @see org.xml.sax.HandlerBase
*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/DTDHandler.java
No license file was found, but licenses were detected in source scan.

```
// NO WARRANTY!  This class is in the public domain.
/**
* Interface for a list of XML attributes.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
*
* <p>This interface allows access to a list of attributes in
* three different ways:</p>
*
* <ol>
* <li>by attribute index;</li>
* <li>by Namespace-qualified name; or</li>
* <li>by qualified (prefixed) name.</li>
* </ol>
*
* <p>The list will not contain attributes that were declared
* #IMPLIED but not specified in the start tag.  It will also not
* contain attributes used as Namespace declarations (xmlns*) unless
* the <code>http://xml.org/sax/features/namespace-prefixes</code>
* feature is set to <var>true</var> (it is <var>false</var> by
* default).</p>
```

```
*
* <p>If the namespace-prefixes feature (see above) is <var>false</var>,
 * access by qualified name may not be available; if the
* <code>http://xml.org/sax/features/namespaces</code>
* feature is <var>false</var>, access by Namespace-qualified names
* may not be available.</p>
*
* <p>This interface replaces the now-deprecated SAX1 {@link
* org.xml.sax.AttributeList AttributeList} interface, which does not
* contain Namespace support.  In addition to Namespace support, it
* adds the <var>getIndex</var> methods (below).</p>
*
* <p>The order of attributes in the list is unspecified, and will
* vary from implementation to implementation.</p>
*
* @since SAX 2.0
* @author David Megginson,
*        <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.helpers.AttributeListImpl
*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/Attributes.java
No license file was found, but licenses were detected in source scan.

```
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*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/ls/DOMBuilderFilter.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/ls/DOMInputSource.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/ls/DocumentLS.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/xpath/XPathNSResolver.java
*

/opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/xpath/XPathResult.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/xpath/XPathExpression.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/ls/DOMWriter.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/xpath/XPathNamespace.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/ls/DOMEntityResolver.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/xpath/XPathException.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/ls/DOMBuilder.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/ls/LSLoadEvent.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/ls/LSProgressEvent.java
*
/opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/ls/ParseErrorEvent.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/ls/DOMWriterFilter.java
No license file was found, but licenses were detected in source scan.

```
/**
* Interface for associating a SAX event with a document location.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
*
* <p>If a SAX parser provides location information to the SAX
* application, it does so by implementing this interface and then
* passing an instance to the application using the content
* handler's {@link org.xml.sax.ContentHandler#setDocumentLocator
* setDocumentLocator} method.  The application can use the
* object to obtain the location of any other content handler event
* in the XML source document.</p>
*
* <p>Note that the results returned by the object will be valid only
* during the scope of each content handler method: the application
* will receive unpredictable results if it attempts to use the
* locator at any other time.</p>
*
* <p>SAX parsers are not
 required to supply a locator, but they are
* very strongly encouraged to do so.  If the parser supplies a
* locator, it must do so before reporting any other document events.
* If no locator has been set by the time the application receives
```

```
* the {@link org.xml.sax.ContentHandler#startDocument startDocument}
* event, the application should assume that a locator is not
* available.</p>
*
* @since SAX 1.0
* @author David Megginson,
*        <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.ContentHandler#setDocumentLocator
*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/Locator.java
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```
// NO WARRANTY!  This class is in the Public Domain.
/**
* Interface for an XML filter.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
*
* <p>An XML filter is like an XML reader, except that it obtains its
* events from another XML reader rather than a primary source like
* an XML document or database.  Filters can modify a stream of
* events as they pass on to the final application.</p>
*
* <p>The XMLFilterImpl helper class provides a convenient base
* for creating SAX2 filters, by passing on all {@link org.xml.sax.EntityResolver
* EntityResolver}, {@link org.xml.sax.DTDHandler DTDHandler},
* {@link org.xml.sax.ContentHandler ContentHandler} and {@link org.xml.sax.ErrorHandler
* ErrorHandler} events automatically.</p>
*
* @since SAX 2.0
* @author David Megginson,
*        <a href="mailto:sax@megginson.com">sax@megginson.com</a>
 * @version 2.0
* @see org.xml.sax.helpers.XMLFilterImpl
*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/XMLFilter.java
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```
/**
* Default implementation for AttributeList.
```

```
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
*
* <p>AttributeList implements the deprecated SAX1 {@link
* org.xml.sax.AttributeList AttributeList} interface, and has been
* replaced by the new SAX2 {@link org.xml.sax.helpers.AttributesImpl
* AttributesImpl} interface.</p>
*
* <p>This class provides a convenience implementation of the SAX
* {@link org.xml.sax.AttributeList AttributeList} interface.  This
* implementation is useful both for SAX parser writers, who can use
* it to provide attributes to the application, and for SAX application
* writers, who can use it to create a persistent copy of an element's
* attribute specifications:</p>
*
* <pre>
* private AttributeList myatts;
*
* public void startElement (String name, AttributeList
 atts)
* {
*             // create a persistent copy of the attribute list
*             // for use outside this method
*   myatts = new AttributeListImpl(atts);
*   [...]
* }
* </pre>
*
* <p>Please note that SAX parsers are not required to use this
* class to provide an implementation of AttributeList; it is
* supplied only as an optional convenience.  In particular,
* parser writers are encouraged to invent more efficient
* implementations.</p>
*
* @deprecated This class implements a deprecated interface,
*             {@link org.xml.sax.AttributeList AttributeList};
*             that interface has been replaced by
*             {@link org.xml.sax.Attributes Attributes},
*             which is implemented in the
*             {@link org.xml.sax.helpers.AttributesImpl
*            AttributesImpl} helper class.
* @since SAX 1.0
* @author David Megginson,
*         <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
```

* @see org.xml.sax.AttributeList
 * @see org.xml.sax.DocumentHandler#startElement
*/

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/helpers/AttributeListImpl.java
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```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/javax/xml/parsers/ConvertToURI.java
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```
/**
* Interface for an element's attribute specifications.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
*
* <p>This is the original SAX1 interface for reporting an element's
* attributes.  Unlike the new {@link org.xml.sax.Attributes Attributes}
* interface, it does not support Namespace-related information.</p>
*
* <p>When an attribute list is supplied as part of a
* {@link org.xml.sax.DocumentHandler#startElement startElement}
* event, the list will return valid results only during the
* scope of the event; once the event handler returns control
* to the parser, the attribute list is invalid.  To save a
* persistent copy of the attribute list, use the SAX1
* {@link org.xml.sax.helpers.AttributeListImpl AttributeListImpl}
* helper class.</p>
*
* <p>An attribute list includes only
 attributes that have been
* specified or defaulted: #IMPLIED attributes will not be included.</p>
```

```
*
* <p>There are two ways for the SAX application to obtain information
* from the AttributeList.  First, it can iterate through the entire
* list:</p>
*
* <pre>
* public void startElement (String name, AttributeList atts) {
*   for (int i = 0; i < atts.getLength(); i++) {
*     String name = atts.getName(i);
*     String type = atts.getType(i);
*     String value = atts.getValue(i);
*     [...]
*   }
* }
* </pre>
*
* <p>(Note that the result of getLength() will be zero if there
* are no attributes.)
*
* <p>As an alternative, the application can request the value or
* type of specific attributes:</p>
*
* <pre>
* public void startElement (String name, AttributeList atts) {
*   String identifier = atts.getValue("id");
*   String label = atts.getValue("label");
*   [...]
* }
* </pre>
*
* @deprecated This interface has been replaced by the SAX2
*
  {@link org.xml.sax.Attributes Attributes}
*           interface, which includes Namespace support.
* @since SAX 1.0
* @author David Megginson,
*        <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.DocumentHandler#startElement startElement
* @see org.xml.sax.helpers.AttributeListImpl AttributeListImpl
*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/AttributeList.java
No license file was found, but licenses were detected in source scan.

```
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```

```
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*/
/**
* <strong>DOM Level 3 WD Experimental:
* The DOM Level 3 specification is at the stage
* of Working Draft, which represents work in
* progress and thus may be updated, replaced,
* or obsoleted by other documents at any time.</strong> <p>
* <code>XPathEvaluator</code>, which will provide evaluation of XPath 1.0
* expressions with no specialized extension
 functions or variables. It is
* expected that the <code>XPathEvaluator</code> interface will be
* implemented on the same object which implements the <code>Document</code>
* interface in an implementation which supports the XPath DOM module.
* <code>XPathEvaluator</code> implementations may be available from other
* sources that may provide support for special extension functions or
* variables which are not defined in this specification. The methods of
* XPathExpression should be named with more-XPath- specific names because
* the interface will often be implemented by the same object which
* implements document.No change.The point of interfaces is to localize the
* implementing namespace. This would make the method names unnecessarily
* long and complex even though there are no conflicts in the interface
* itself. The new core method getInterface is designed for discovering
* interfaces of additional modules that may not be directly implemented on
* the objects
 to which they are attached. This could be used to implement
* XPath on a separate object. The user only refers to the separate
* interfaces and not the proprietary aggregate implementation.Should entity
* refs be supported so that queries can be made on them?No change.We will
* not do this now. They are not part of the XPath data model. Note that
* they may be present in the hierarchy of returned nodes, but may not
* directly be requested or returned in the node set.What does createResult
* create when one wants to reuse the XPath?It is not useful.Removed method.
* Should ordering be a separate flag, or a type of result that can be
* requested. As a type of result, it can be better optimized in
* implementations.It makes sense as a type of result. Changed.Removed
* method.Implementing XPathEvaluator on Document can be a problem due to
* conflicts in the names of the methods.The working group finds no better
* solution. GetInterface in Level 3 permits the
 object to be implemented
* separately. We should be committed to this. We will leave this issue open
```

```
* to see if we get more feedback on it.How does this interface adapt to
* XPath 2.0 and other query languages.No change.This interface is not
* intended to adapt to XPath 2.0 or other languages. The models of these
* are likely to be incompatible enough to require new APIs.For alternate
* implementations that can use this API, it can be obtained from different
* sources.Support for custom variables and functions would be very useful.
* No change.It is possible for an implementation to supply alternative
* sources of an XPathEvaluator that can be customized with a custom
* variable and function context. We do not specify how this is
* accomplished. It is too complex to address in this version of the XPath
* DOM.
* <p>See also the <a href='http://www.w3.org/TR/2002/WD-DOM-Level-3-XPath-20020328'>Document Object
Model (DOM) Level 3 XPath Specification</a>.
*/
```

Found
 in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-
jar/org/w3c/dom/xpath/XPathEvaluator.java
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```
// NO WARRANTY!  This class is in the Public Domain.
/**
* Factory for creating an XML reader.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This class contains static methods for creating an XML reader
* from an explicit class name, or based on runtime defaults:</p>
*
* <pre>
* try {
*   XMLReader myReader = XMLReaderFactory.createXMLReader();
* } catch (SAXException e) {
*   System.err.println(e.getMessage());
* }
* </pre>
*
* <p><strong>Note to Distributions bundled with parsers:</strong>
* You should modify the implementation of the no-arguments
* <em>createXMLReader</em> to handle cases where the external
* configuration mechanisms aren't set up.  That method should do
```

```
 its
* best to return a parser when one is in the class path, even when
* nothing bound its class name to <code>org.xml.sax.driver</code> so
* those configuration mechanisms would see it.</p>
*
* @since SAX 2.0
* @author David Megginson, David Brownell
* @version 2.0r2pre3
*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/helpers/XMLReaderFactory.java
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```
// This class is in the Public Domain.  NO WARRANTY!
/**
* Encapsulate Namespace logic for use by SAX drivers.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
*
* <p>This class encapsulates the logic of Namespace processing:
* it tracks the declarations currently in force for each context
* and automatically processes qualified XML 1.0 names into their
* Namespace parts; it can also be used in reverse for generating
* XML 1.0 from Namespaces.</p>
*
* <p>Namespace support objects are reusable, but the reset method
* must be invoked between each session.</p>
*
* <p>Here is a simple session:</p>
*
* <pre>
* String parts[] = new String[3];
* NamespaceSupport support = new NamespaceSupport();
*
* support.pushContext();
* support.declarePrefix("", "http://www.w3.org/1999/xhtml");
* support.declarePrefix("dc",
 "http://www.purl.org/dc#");
*
* String parts[] = support.processName("p", parts, false);
* System.out.println("Namespace URI: " + parts[0]);
* System.out.println("Local name: " + parts[1]);
* System.out.println("Raw name: " + parts[2]);
```

```
* String parts[] = support.processName("dc:title", parts, false);
* System.out.println("Namespace URI: " + parts[0]);
* System.out.println("Local name: " + parts[1]);
* System.out.println("Raw name: " + parts[2]);

* support.popContext();
* </pre>
*
* <p>Note that this class is optimized for the use case where most
* elements do not contain Namespace declarations: if the same
* prefix/URI mapping is repeated for each context (for example), this
* class will be somewhat less efficient.</p>
*
* @since SAX 2.0
* @author David Megginson,
*        <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/helpers/NamespaceSupport.java
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```
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*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/ranges/RangeException.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/CharacterData.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/NamedNodeMap.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/Text.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/events/Event.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/Notation.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-

jar/org/w3c/dom/events/DocumentEvent.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/events/EventTarget.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/traversal/DocumentTraversal.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/Attr.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/ProcessingInstruction.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/events/EventException.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/traversal/TreeWalker.java
*
/opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/events/MutationEvent.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/Comment.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/EntityReference.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/DocumentFragment.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/CDATASection.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/Node.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/NodeList.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/DocumentType.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/DOMImplementation.java
*
/opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/events/EventListener.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/traversal/NodeIterator.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/Entity.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/ranges/DocumentRange.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/DOMException.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/Element.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/ranges/Range.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/traversal/NodeFilter.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/Document.java
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// NO WARRANTY! This class is in the public domain.
/**
* Default base class for SAX2 event handlers.
*
* <blockquote>
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* Public Domain, and comes with NO WARRANTY.

```
* </blockquote>
*
* <p>This class is available as a convenience base class for SAX2
* applications: it provides default implementations for all of the
* callbacks in the four core SAX2 handler classes:</p>
*
* <ul>
* <li>{@link org.xml.sax.EntityResolver EntityResolver}</li>
* <li>{@link org.xml.sax.DTDHandler DTDHandler}</li>
* <li>{@link org.xml.sax.ContentHandler ContentHandler}</li>
* <li>{@link org.xml.sax.ErrorHandler ErrorHandler}</li>
* </ul>
*
* <p>Application writers can extend this class when they need to
* implement only part of an interface; parser writers can
* instantiate this class to provide default handlers when the
* application
 has not supplied its own.</p>
*
* <p>This class replaces the deprecated SAX1
* {@link org.xml.sax.HandlerBase HandlerBase} class.</p>
*
* @since SAX 2.0
* @author David Megginson,
*        <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.EntityResolver
* @see org.xml.sax.DTDHandler
* @see org.xml.sax.ContentHandler
* @see org.xml.sax.ErrorHandler
*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/helpers/DefaultHandler.java
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```
/**
* Basic interface for resolving entities.
*
* <blockquote>
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* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
*
* <p>If a SAX application needs to implement customized handling
* for external entities, it must implement this interface and
* register an instance with the SAX driver using the
```

```
* {@link org.xml.sax.XMLReader#setEntityResolver setEntityResolver}
* method.</p>
*
* <p>The XML reader will then allow the application to intercept any
* external entities (including the external DTD subset and external
* parameter entities, if any) before including them.</p>
*
* <p>Many SAX applications will not need to implement this interface,
* but it will be especially useful for applications that build
* XML documents from databases or other specialised input sources,
* or for applications that use URI types
 other than URLs.</p>
*
* <p>The following resolver would provide the application
* with a special character stream for the entity with the system
* identifier "http://www.myhost.com/today":</p>
*
* <pre>
* import org.xml.sax.EntityResolver;
* import org.xml.sax.InputSource;
*
* public class MyResolver implements EntityResolver {
*   public InputSource resolveEntity (String publicId, String systemId)
*   {
*     if (systemId.equals("http://www.myhost.com/today")) {
*             // return a special input source
*       MyReader reader = new MyReader();
*       return new InputSource(reader);
*     } else {
*             // use the default behaviour
*       return null;
*     }
*   }
* }
* </pre>
*
* <p>The application can also use this interface to redirect system
* identifiers to local URIs or to look up replacements in a catalog
* (possibly by using the public identifier).</p>
*
* @since SAX 1.0
* @author David Megginson,
*         <a href="mailto:sax@megginson.com">sax@megginson.com</a>
 * @version 2.0
* @see org.xml.sax.Parser#setEntityResolver
* @see org.xml.sax.InputSource
*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/EntityResolver.java
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```
/**
* Encapsulate an XML parse error or warning.
*
* <blockquote>
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* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
*
* <p>This exception will include information for locating the error
* in the original XML document.  Note that although the application
* will receive a SAXParseException as the argument to the handlers
* in the {@link org.xml.sax.ErrorHandler ErrorHandler} interface,
* the application is not actually required to throw the exception;
* instead, it can simply read the information in it and take a
* different action.</p>
*
* <p>Since this exception is a subclass of {@link org.xml.sax.SAXException
* SAXException}, it inherits the ability to wrap another exception.</p>
*
* @since SAX 1.0
* @author David Megginson,
*        <a href="mailto:sax@megginson.com">sax@megginson.com</a>
*
 @version 2.0
* @see org.xml.sax.SAXException
* @see org.xml.sax.Locator
* @see org.xml.sax.ErrorHandler
*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/SAXParseException.java
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Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/helpers/package.html
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/ext/package.html
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```
// NO WARRANTY!  This class is in the Public Domain.
/**
* Interface for reading an XML document using callbacks.
```

```
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
*
* <p><strong>Note:</strong> despite its name, this interface does
* <em>not</em> extend the standard Java {@link java.io.Reader Reader}
* interface, because reading XML is a fundamentally different activity
* than reading character data.</p>
*
* <p>XMLReader is the interface that an XML parser's SAX2 driver must
* implement.  This interface allows an application to set and
* query features and properties in the parser, to register
* event handlers for document processing, and to initiate
* a document parse.</p>
*
* <p>All SAX interfaces are assumed to be synchronous: the
* {@link #parse parse} methods must not return until
 parsing
* is complete, and readers must wait for an event-handler callback
* to return before reporting the next event.</p>
*
* <p>This interface replaces the (now deprecated) SAX 1.0 {@link
* org.xml.sax.Parser Parser} interface.  The XMLReader interface
* contains two important enhancements over the old Parser
* interface:</p>
*
* <ol>
* <li>it adds a standard way to query and set features and
*  properties; and</li>
* <li>it adds Namespace support, which is required for many
*  higher-level XML standards.</li>
* </ol>
*
* <p>There are adapters available to convert a SAX1 Parser to
* a SAX2 XMLReader and vice-versa.</p>
*
* @since SAX 2.0
* @author David Megginson,
*        <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.XMLFilter
* @see org.xml.sax.helpers.ParserAdapter
* @see org.xml.sax.helpers.XMLReaderAdapter
*/
```

Found in path(s):

* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/XMLReader.java
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```
/*
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* PURPOSE. See W3C License http://www.w3.org/Consortium/Legal/ for more
* details.
*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLHtmlElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLParagraphElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLBodyElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLBRElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLLabelElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLFrameElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLDocument.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLTableRowElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLSelectElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLMenuElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLInputElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLHeadingElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLDirectoryElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLTableCellElement.java

* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLHeadElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLBaseFontElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLUListElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLFrameSetElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLStyleElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLHRElement.java
*
/opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLOptionElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLOListElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLFieldSetElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLLegendElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLFormElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLTableElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLCollection.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLTextAreaElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLLIElement.java
*
/opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLLinkElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLParamElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLTableColElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLTitleElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLButtonElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLAreaElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLFontElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLIFrameElement.java

*
/opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLDivElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLImageElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLScriptElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLModElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLOptGroupElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLBaseElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLQuoteElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLDOMImplementation.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLPreElement.java
*
/opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLMetaElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLDListElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLAnchorElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLTableSectionElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLObjectElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLTableCaptionElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLMapElement.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLAppletElement.java
*
/opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/HTMLIsIndexElement.java
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```
*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/javax/xml/parsers/ParserConfigurationException.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/javax/xml/parsers/FactoryFinder.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/javax/xml/parsers/FactoryConfigurationError.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/javax/xml/parsers/SAXParserFactory.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/javax/xml/parsers/DocumentBuilderFactory.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/javax/xml/parsers/SAXParser.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/javax/xml/parsers/DocumentBuilder.java
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```
/**
* Provide an optional convenience implementation of Locator.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
*
* <p>This class is available mainly for application writers, who
* can use it to make a persistent snapshot of a locator at any
* point during a document parse:</p>
*
* <pre>
* Locator locator;
* Locator startloc;
*
* public void setLocator (Locator locator)
* {
*        // note the locator
*   this.locator = locator;
* }
*
* public void startDocument ()
* {
*        // save the location of the start of the document
*        // for future use.
*   Locator startloc = new LocatorImpl(locator);
* }
*</pre>
```

```
*
* <p>Normally, parser writers will not use this class, since it
* is more efficient to provide location information only when
* requested, rather than constantly
 updating a Locator object.</p>
*
* @since SAX 1.0
* @author David Megginson,
*        <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.Locator Locator
*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/helpers/LocatorImpl.java
No license file was found, but licenses were detected in source scan.

```
// NO WARRANTY!  This class is in the Public Domain.
/**
* Create a new instance of a class by name.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This class contains a static method for creating an instance of a
* class from an explicit class name.  It tries to use the thread's context
* ClassLoader if possible and falls back to using
* Class.forName(String).  It also takes into account JDK 1.2+'s
* AccessController mechanism for performing its actions.  </p>
*
* <p>This code is designed to run on JDK version 1.1 and later and compile
* on versions of Java 2 and later.</p>
*
* @author Edwin Goei, David Brownell, Neil Graham
* @version $Id: NewInstance.java,v 1.2 2002/08/26 23:55:45
 neilg Exp $
*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/helpers/NewInstance.java
No license file was found, but licenses were detected in source scan.

```
/**
* A single input source for an XML entity.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
*
* <p>This class allows a SAX application to encapsulate information
* about an input source in a single object, which may include
* a public identifier, a system identifier, a byte stream (possibly
* with a specified encoding), and/or a character stream.</p>
*
* <p>There are two places that the application will deliver this
* input source to the parser: as the argument to the Parser.parse
* method, or as the return value of the EntityResolver.resolveEntity
* method.</p>
*
* <p>The SAX parser will use the InputSource object to determine how
* to read XML input.  If there is a character stream available, the
* parser will read that stream directly; if not, the parser will use
* a byte stream,
 if available; if neither a character stream nor a
* byte stream is available, the parser will attempt to open a URI
* connection to the resource identified by the system
* identifier.</p>
*
* <p>An InputSource object belongs to the application: the SAX parser
* shall never modify it in any way (it may modify a copy if
* necessary).</p>
*
* @since SAX 1.0
* @author David Megginson,
*        <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.Parser#parse
* @see org.xml.sax.EntityResolver#resolveEntity
* @see java.io.InputStream
* @see java.io.Reader
*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/InputSource.java
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```
// NO WARRANTY!  This class is in the public domain.
/**
* Adapt a SAX1 Parser as a SAX2 XMLReader.
```

```
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
*
* <p>This class wraps a SAX1 {@link org.xml.sax.Parser Parser}
* and makes it act as a SAX2 {@link org.xml.sax.XMLReader XMLReader},
* with feature, property, and Namespace support.  Note
* that it is not possible to report {@link org.xml.sax.ContentHandler#skippedEntity
* skippedEntity} events, since SAX1 does not make that information available.</p>
*
* <p>This adapter does not test for duplicate Namespace-qualified
* attribute names.</p>
*
* @since SAX 2.0
* @author David Megginson,
*        <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.helpers.XMLReaderAdapter
* @see org.xml.sax.XMLReader
 * @see org.xml.sax.Parser
*/
/**
   * Adapt a SAX1 AttributeList as a SAX2 Attributes object.
   *
   * <p>This class is in the Public Domain, and comes with NO
   * WARRANTY of any kind.</p>
   *
   * <p>This wrapper class is used only when Namespace support
   * is disabled -- it provides pretty much a direct mapping
   * from SAX1 to SAX2, except that names and types are
   * interned whenever requested.</p>
   */
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/helpers/ParserAdapter.java
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```
/**
* Receive notification of general document events.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
*
```

```
* <p>This was the main event-handling interface for SAX1; in
* SAX2, it has been replaced by {@link org.xml.sax.ContentHandler
* ContentHandler}, which provides Namespace support and reporting
* of skipped entities.  This interface is included in SAX2 only
* to support legacy SAX1 applications.</p>
*
* <p>The order of events in this interface is very important, and
* mirrors the order of information in the document itself.  For
* example, all of an element's content (character data, processing
* instructions, and/or subelements) will appear, in order, between
* the startElement event and the corresponding endElement event.</p>
*
* <p>Application writers who do not want to implement
 the entire
* interface can derive a class from HandlerBase, which implements
* the default functionality; parser writers can instantiate
* HandlerBase to obtain a default handler.  The application can find
* the location of any document event using the Locator interface
* supplied by the Parser through the setDocumentLocator method.</p>
*
* @deprecated This interface has been replaced by the SAX2
*            {@link org.xml.sax.ContentHandler ContentHandler}
*            interface, which includes Namespace support.
* @since SAX 1.0
* @author David Megginson,
*        <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.Parser#setDocumentHandler
* @see org.xml.sax.Locator
* @see org.xml.sax.HandlerBase
*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/DocumentHandler.java
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```
/**
* Encapsulate a general SAX error or warning.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
*
* <p>This class can contain basic error or warning information from
* either the XML parser or the application: a parser writer or
* application writer can subclass it to provide additional
```

* functionality. SAX handlers may throw this exception or
* any exception subclassed from it.
*
* If the application needs to pass through other types of
* exceptions, it must wrap those exceptions in a SAXException
* or an exception derived from a SAXException.
*
* If the parser or application needs to include information about a
* specific location in an XML document, it should use the
* {@link org.xml.sax.SAXParseException SAXParseException} subclass.
*
* @since SAX 1.0
* @author
 David Megginson,
* sax@megginson.com
* @version 2.0
* @see org.xml.sax.SAXParseException
*/

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/SAXException.java
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* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-
jar/org/w3c/dom/traversal/package.html
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/ranges/package.html
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/html/package.html
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/events/package.html
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*/
```

Found in path(s):
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jar/javax/xml/parsers/SecuritySupport.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/javax/xml/parsers/SecuritySupport12.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/helpers/SecuritySupport12.java
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/helpers/SecuritySupport.java
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No license file was found, but licenses were detected in source scan.

```
// NO WARRANTY!  This class is in the Public Domain.
/**
* Exception class for an unrecognized identifier.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
*
* <p>An XMLReader will throw this exception when it finds an
* unrecognized feature or property identifier; SAX applications and
* extensions may use this class for other, similar purposes.</p>
*
* @since SAX 2.0
* @author David Megginson,
*        <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.SAXNotSupportedException
*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/SAXNotRecognizedException.java
No license file was found, but licenses were detected in source scan.

```
// NO WARRANTY!  This class is in the public domain.
/**
* Default implementation of the Attributes interface.
```

```
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This class provides a default implementation of the SAX2
* {@link org.xml.sax.Attributes Attributes} interface, with the
* addition of manipulators so that the list can be modified or
* reused.</p>
*
* <p>There are two typical uses of this class:</p>
*
* <ol>
* <li>to take a persistent snapshot of an Attributes object
*  in a {@link org.xml.sax.ContentHandler#startElement startElement} event; or</li>
* <li>to construct or modify an Attributes object in a SAX2 driver or filter.</li>
* </ol>
*
* <p>This class replaces the
 now-deprecated SAX1 {@link
* org.xml.sax.helpers.AttributeListImpl AttributeListImpl}
* class; in addition to supporting the updated Attributes
* interface rather than the deprecated {@link org.xml.sax.AttributeList
* AttributeList} interface, it also includes a much more efficient
* implementation using a single array rather than a set of Vectors.</p>
*
* @since SAX 2.0
* @author David Megginson
* @version 2.0.1 (sax2r2)
*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/helpers/AttributesImpl.java
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```
/**
* Basic interface for SAX (Simple API for XML) parsers.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
*
* <p>This was the main event supplier interface for SAX1; it has
```

```
* been replaced in SAX2 by {@link org.xml.sax.XMLReader XMLReader},
* which includes Namespace support and sophisticated configurability
* and extensibility.</p>
*
* <p>All SAX1 parsers must implement this basic interface: it allows
* applications to register handlers for different types of events
* and to initiate a parse from a URI, or a character stream.</p>
*
* <p>All SAX1 parsers must also implement a zero-argument constructor
* (though other constructors are also allowed).</p>
*
* <p>SAX1 parsers are reusable but not re-entrant: the application
* may reuse a parser object (possibly with a different input
 source)
* once the first parse has completed successfully, but it may not
* invoke the parse() methods recursively within a parse.</p>
*
* @deprecated This interface has been replaced by the SAX2
*            {@link org.xml.sax.XMLReader XMLReader}
*            interface, which includes Namespace support.
* @since SAX 1.0
* @author David Megginson,
*        <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.EntityResolver
* @see org.xml.sax.DTDHandler
* @see org.xml.sax.DocumentHandler
* @see org.xml.sax.ErrorHandler
* @see org.xml.sax.HandlerBase
* @see org.xml.sax.InputSource
*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/Parser.java
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```
// Public Domain: no warranty.
/**
* SAX2 extension handler for lexical events.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
*
* <p>This is an optional extension handler for SAX2 to provide
* lexical information about an XML document, such as comments
* and CDATA section boundaries; XML readers are not required to
```

```
* support this handler, and it is not part of the core SAX2
* distribution.</p>
*
* <p>The events in the lexical handler apply to the entire document,
* not just to the document element, and all lexical handler events
* must appear between the content handler's startDocument and
* endDocument events.</p>
*
* <p>To set the LexicalHandler for an XML reader, use the
* {@link org.xml.sax.XMLReader#setProperty setProperty} method
* with the propertyId "http://xml.org/sax/properties/lexical-handler".
 * If the reader does not support lexical events, it will throw a
* {@link org.xml.sax.SAXNotRecognizedException SAXNotRecognizedException}
* or a
* {@link org.xml.sax.SAXNotSupportedException SAXNotSupportedException}
* when you attempt to register the handler.</p>
*
* @since 1.0
* @author David Megginson,
*        <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 1.0
* @see org.xml.sax.XMLReader#setProperty
* @see org.xml.sax.SAXNotRecognizedException
* @see org.xml.sax.SAXNotSupportedException
*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/ext/LexicalHandler.java
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```
/*
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* hope that it will be useful, but WITHOUT ANY WARRANTY; without even
* the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR
* PURPOSE.
* See W3C License http://www.w3.org/Consortium/Legal/ for more details.
*/
/**
    * Create a new <code>DOMBuilder</code>. The newly constructed parser may
    * then be configured by means of its <code>setFeature</code> method,
    * and used to parse documents by means of its <code>parse</code>
    * method.
    * @param mode  The <code>mode</code> argument is either
```

```
   *   <code>MODE_SYNCHRONOUS</code> or <code>MODE_ASYNCHRONOUS</code>,
 if
   *   <code>mode</code> is <code>MODE_SYNCHRONOUS</code> then the
   *   <code>DOMBuilder</code> that is created will operate in synchronous
   *   mode, if it's <code>MODE_ASYNCHRONOUS</code> then the
   *   <code>DOMBuilder</code> that is created will operate in
   *   asynchronous mode.
   * @param schemaType  An absolute URI representing the type of the schema
   *   language used during the load of a <code>Document</code> using the
   *   newly created <code>DOMBuilder</code>. Note that no lexical
   *   checking is done on the absolute URI. In order to create a
   *   <code>DOMBuilder</code> for any kind of schema types (i.e. the
   *   DOMBuilder will be free to use any schema found), use the value
   *   <code>null</code>.  For W3C XML Schema , applications must use the
   *   value <code>"http://www.w3.org/2001/XMLSchema"</code>. For XML DTD
   *   , applications must use the value
   *   <code>"http://www.w3.org/TR/REC-xml"</code>.
 Other Schema languages
   *   are outside the scope of the W3C and therefore should recommend an
   *   absolute URI in order to use this method.
   * @return  The newly created <code>DOMBuilder</code> object. This
   *   <code>DOMBuilder</code> is either synchronous or asynchronous
   *   depending on the value of the <code>mode</code> argument.  By
   *   default, the newly created <code>DOMBuilder</code> does not contain
   *   a <code>DOMErrorHandler</code>, i.e. the value of the
   *   <code>errorHandler</code> is <code>null</code>. However,
   *   implementations may provide a default error handler at creation
   *   time. In that case, the initial value of the
   *   <code>errorHandler</code> attribute on the new created
   *   <code>DOMBuilder</code> contains a reference to the default error
   *   handler.
   * @exception DOMException
   *    NOT_SUPPORTED_ERR: Raised if the requested mode or schema type is
   *   not
 supported.
   */
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/w3c/dom/ls/DOMImplementationLS.java
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```
// NO WARRANTY!  This class is in the Public Domain.
/**
* Exception class for an unsupported operation.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
```

```
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
*
* <p>An XMLReader will throw this exception when it recognizes a
* feature or property identifier, but cannot perform the requested
* operation (setting a state or value).  Other SAX2 applications and
* extensions may use this class for similar purposes.</p>
*
* @since SAX 2.0
* @author David Megginson,
*        <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.SAXNotRecognizedException
*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/SAXNotSupportedException.java
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```
// Public Domain: no warranty.
/**
* SAX2 extension handler for DTD declaration events.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
*
* <p>This is an optional extension handler for SAX2 to provide
* information about DTD declarations in an XML document.  XML
* readers are not required to support this handler, and this
* handler is not included in the core SAX2 distribution.</p>
*
* <p>Note that data-related DTD declarations (unparsed entities and
* notations) are already reported through the {@link
* org.xml.sax.DTDHandler DTDHandler} interface.</p>
*
* <p>If you are using the declaration handler together with a lexical
* handler, all of the events will occur between the
* {@link org.xml.sax.ext.LexicalHandler#startDTD startDTD} and the
* {@link org.xml.sax.ext.LexicalHandler#endDTD
 endDTD} events.</p>
*
* <p>To set the DeclHandler for an XML reader, use the
* {@link org.xml.sax.XMLReader#setProperty setProperty} method
* with the propertyId "http://xml.org/sax/properties/declaration-handler".
* If the reader does not support declaration events, it will throw a
```

```
* {@link org.xml.sax.SAXNotRecognizedException SAXNotRecognizedException}
* or a
* {@link org.xml.sax.SAXNotSupportedException SAXNotSupportedException}
* when you attempt to register the handler.</p>
*
* @since 1.0
* @author David Megginson,
*        <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 1.0
* @see org.xml.sax.XMLReader
*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/ext/DeclHandler.java
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```
/**
* Java-specific class for dynamically loading SAX parsers.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p><strong>Note:</strong> This class is designed to work with the now-deprecated
* SAX1 {@link org.xml.sax.Parser Parser} class.  SAX2 applications should use
* {@link org.xml.sax.helpers.XMLReaderFactory XMLReaderFactory} instead.</p>
*
* <p>ParserFactory is not part of the platform-independent definition
* of SAX; it is an additional convenience class designed
* specifically for Java XML application writers.  SAX applications
* can use the static methods in this class to allocate a SAX parser
* dynamically at run-time based either on the value of the
* `org.xml.sax.parser'
 system property or on a string containing the class
* name.</p>
*
* <p>Note that the application still requires an XML parser that
* implements SAX1.</p>
*
* @deprecated This class works with the deprecated
*            {@link org.xml.sax.Parser Parser}
*            interface.
* @since SAX 1.0
* @author David Megginson
* @version 2.0r2pre3
```

```
*/
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/helpers/ParserFactory.java
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```
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* Adapt a SAX2 XMLReader as a SAX1 Parser.
*
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*
* <p>This class wraps a SAX2 {@link org.xml.sax.XMLReader XMLReader}
* and makes it act as a SAX1 {@link org.xml.sax.Parser Parser}.  The XMLReader
* must support a true value for the
* http://xml.org/sax/features/namespace-prefixes property or parsing will fail
* with a {@link org.xml.sax.SAXException SAXException}; if the XMLReader
* supports a false value for the http://xml.org/sax/features/namespaces
* property, that will also be used to improve efficiency.</p>
*
* @since SAX 2.0
* @author David Megginson,
*        <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.Parser
* @see org.xml.sax.XMLReader
 */
```

Found in path(s):
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```
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* Receive notification of the logical content of a document.
*
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* </blockquote>
*
* <p>This is the main interface that most SAX applications
* implement: if the application needs to be informed of basic parsing
* events, it implements this interface and registers an instance with
* the SAX parser using the {@link org.xml.sax.XMLReader#setContentHandler
* setContentHandler} method.  The parser uses the instance to report
* basic document-related events like the start and end of elements
* and character data.</p>
*
* <p>The order of events in this interface is very important, and
* mirrors the order of information in the document itself.  For
* example, all of an element's content (character data,
 processing
* instructions, and/or subelements) will appear, in order, between
* the startElement event and the corresponding endElement event.</p>
*
* <p>This interface is similar to the now-deprecated SAX 1.0
* DocumentHandler interface, but it adds support for Namespaces
* and for reporting skipped entities (in non-validating XML
* processors).</p>
*
* <p>Implementors should note that there is also a Java class
* {@link java.net.ContentHandler ContentHandler} in the java.net
* package; that means that it's probably a bad idea to do</p>
*
* <blockquote>
* import java.net.*;
* import org.xml.sax.*;
* </blockquote>
*
* <p>In fact, "import ...*" is usually a sign of sloppy programming
* anyway, so the user should consider this a feature rather than a
* bug.</p>
*
* @since SAX 2.0
```

```
* @author David Megginson,
*        <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
* @see org.xml.sax.XMLReader
* @see org.xml.sax.DTDHandler
* @see org.xml.sax.ErrorHandler
 */
```

Found in path(s):
* /opt/cola/permits/1150916854_1617719483.11/0/xml-apis-2-0-2-sources-2-jar/org/xml/sax/ContentHandler.java

1.1094 jackson 2.11.0

1.1094.1 Available under license :

```
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Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
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It is currently developed by a community of developers, as well as supported
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```

1.1095 tablewriter 0.0.5

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* /opt/cola/permits/1150919554_1617720638.09/0/servlet-api-2-5-20081211-4-jar/javax/servlet/resources/j2ee_web_services_client_1_1.xsd
* /opt/cola/permits/1150919554_1617720638.09/0/servlet-api-2-5-20081211-4-jar/javax/servlet/resources/j2ee_web_services_1_1.xsd
* /opt/cola/permits/1150919554_1617720638.09/0/servlet-api-2-5-20081211-4-jar/javax/servlet/resources/datatypes.dtd
* /opt/cola/permits/1150919554_1617720638.09/0/servlet-api-2-5-20081211-4-jar/javax/servlet/resources/j2ee_1_4.xsd
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such a way that it can't be changed
in transit. CONFIDENTIAL means
that the application requires that the data be transmitted in a
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INF subdirectory, along with the
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Manifest-Version: 1.0
Archiver-Version: Plexus Archiver
Created-By: 1.5.0_13 (Sun Microsystems Inc.)
Built-By: janb
Build-Jdk: 1.5.0_13
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0
Bundle-RequiredExecutionEnvironment: J2SE-1.4
Specification-Version: 2.5
Bnd-LastModified: 1229016831353
Export-Package: javax.servlet.http;uses:="javax.servlet";version="2.5"
,javax.servlet;version="2.5",javax.servlet.resources;version="2.5",ja
vax.servlet.jsp.resources;version="2.5"
Bundle-Version: 2.5
Ignore-Package: javax.servlet.http,javax.servlet,javax.servlet.resourc
es,javax.servlet.jsp.resources
Bundle-Name: Servlet Specification API
Bundle-Description: Servlet Specification API
Bundle-DocURL: http://www.mortbay.com
Originally-Created-By: 1.5.0_13 (Sun Microsystems Inc.)
Bundle-Vendor: Mort Bay Consulting
Bundle-ManifestVersion: 2
Bundle-SymbolicName: org.mortbay.jetty.servlet-api
Tool: Bnd-0.0.238
Implementation-Vendor:
JCP

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* /opt/cola/permits/1150919554_1617720638.09/0/servlet-api-2-5-20081211-4-jar/javax/servlet/resources/javaee_web_services_client_1_2.xsd
* /opt/cola/permits/1150919554_1617720638.09/0/servlet-api-2-5-20081211-4-

jar/javax/servlet/resources/javaee_5.xsd
* /opt/cola/permits/1150919554_1617720638.09/0/servlet-api-2-5-20081211-4-jar/javax/servlet/resources/jsp_2_1.xsd
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* /opt/cola/permits/1150919554_1617720638.09/0/servlet-api-2-5-20081211-4-jar/javax/servlet/resources/jsp_2_0.xsd
* /opt/cola/permits/1150919554_1617720638.09/0/servlet-api-2-5-20081211-4-jar/javax/servlet/jsp/resources/jsp_2_0.xsd
* /opt/cola/permits/1150919554_1617720638.09/0/servlet-api-2-5-20081211-4-jar/javax/servlet/jsp/resources/jspxml.xsd
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CONFIDENTIAL flag will indicate that the use of SSL is
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that the data sent between the client and server be sent in
such a way that it can't be changed in transit. CONFIDENTIAL means
that the application requires that the data be transmitted in a
fashion that prevents other entities from observing the contents of
the transmission. In most cases, the presence of the INTEGRAL or
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Used in: user

Found in path(s):
* /opt/cola/permits/1150919554_1617720638.09/0/servlet-api-2-5-20081211-4-jar/javax/servlet/resources/web-app_2_3.dtd

1.1097 bouncy-castle 1.60

1.1097.1 Available under license :

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1.1098 jackson 2.12.3

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1.1099 jackson-databind 2.12.3

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1.1101 tacacs-plus 2.6

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1.1102 python-pam 1.8.4

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1.1104 tenacity 7.0.0

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1.1105 reactor-core 3.2.6.RELEASE

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1.1106 cachecontrol 0.12.6

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1.1107 contextlib2 0.6.0

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team.
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2.5	2.4	2006	PSF	yes
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2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1.1	2010	PSF	yes
3.1.3	3.1.2	2010	PSF	yes
3.1.4	3.1.3	2011	PSF	yes
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1.1108 msgpack 0.6.2

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1.1109 msgpack 1.0.2

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1.1110 zstd 1.4.1

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1.1111 xorgproto 2019.2-1ubuntu1

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1.1113 zstd 1.2.11

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1.1116 lz4 1.9.2-2ubuntu0.20.04.1

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Upstream-Name: lz4
Source: https://github.com/Cyan4973/lz4

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1.1117 python-stdlib-extensions 3.8.10-0ubuntu1~20.04

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```
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# A grammar to describe tree matching patterns.
# Not shown here:
# - 'TOKEN' stands for any token (leaf node)
# - 'any' stands for any node (leaf or interior)
# With 'any' we can still specify the sub-structure.

# The start symbol is 'Matcher'.

Matcher: Alternatives ENDMARKER

Alternatives: Alternative ('|' Alternative)*

Alternative: (Unit | NegatedUnit)+

Unit: [NAME '='] ( STRING [Repeater]
            | NAME [Details] [Repeater]
            | '(' Alternatives ')' [Repeater]
            | '[' Alternatives ']'
  )

NegatedUnit: 'not' (STRING | NAME [Details] | '(' Alternatives ')')

Repeater: '*' | '+' | '{' NUMBER [',' NUMBER] '}'

Details: '<' Alternatives '>'
```

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```
('binary-only', None,
"cannot supply both '--source-only' and '--binary-only'")
```

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1.1118 camel-core 2.25.4

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.
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1.1129 commons-io 2.11.0

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1.1130 python-requests 2.26.0

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1.1131 asm 9.2

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libpixregion

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mex.xsd Version: 2004/09 (n/a)

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* Source: http://schemas.xmlsoap.org/ws/2004/09/mex/MetadataExchange.xsd

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* Source:
  http://schemas.xmlsoap.org/ws/2005/02/rm/wsrm.xsd;%20http://schemas.xmlsoap.org/ws/2005/02/rm/wsrm-policy.xsd

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1.1137 ecj 4.20

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1.1138 commons-compress 1.21

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1.1139 logback-core 1.1.8

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1.1140 kerberos 1.16-2build1

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"src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mgluePP.h
lib/gssapi/mechglue/oid_ops.c

lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c
slave/kproplog.c

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lib/libgss/g_verify.c
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---
[PCRE]

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PCRE is a library of functions to support regular expressions whose syntax and semantics are as close as possible to those of the Perl 5 language.

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The basic library functions are written in C and are freestanding.
Also
included in the distribution is a set of C++ wrapper functions, and a just-in-time compiler that can be used to optimize pattern matching. These are both optional features that can be omitted when the library is built.

THE BASIC LIBRARY FUNCTIONS

Written by: Philip Hazel
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University of Cambridge Computing Service,
Cambridge, England.

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[Misc

C library code]

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[zlib]

```
/* zlib.h -- interface of
 the 'zlib' general purpose compression library
 version 1.2.3, July 18th, 2005

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 Jean-loup
 Gailly        Mark Adler
 jloup@gzip.org          madler@alumni.caltech.edu
```

The data format used by the zlib library is described by RFCs (Request for
Comments) 1950 to 1952 in the files http://www.ietf.org/rfc/rfc1950.txt
(zlib format), rfc1951.txt (deflate format) and rfc1952.txt (gzip format).
*/

[dialyzer]

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[edoc, syntax_tools]

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1.1144 okhttp 4.9.1

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1.1145 mongo-java-driver 3.12.9

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    * Returns an array containing all of the elements in this deque, in
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   *
    * <p>The returned array will be "safe" in that no references to it are
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    *
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* https://github.com/marianobarrios/tls-channel
*/
```

Found in path(s):

* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/internal/connection/tlschannel/TlsChannelBuilder.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/internal/connection/tlschannel/NeedsWriteException.java
*
 /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/internal/connection/tlschannel/BufferAllocator.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/internal/connection/tlschannel/impl/BufferHolder.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/internal/connection/tlschannel/NeedsReadException.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/internal/connection/tlschannel/util/Util.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/internal/connection/tlschannel/async/AsynchronousTlsChannel.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/internal/connection/tlschannel/impl/ByteBufferUtil.java
*
 /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/internal/connection/tlschannel/util/TlsChannelCallbackException.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/internal/connection/tlschannel/impl/TlsChannelImpl.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/internal/connection/tlschannel/TrackingAllocator.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/internal/connection/tlschannel/impl/ByteBufferSet.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/internal/connection/tlschannel/WouldBlockException.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/internal/connection/tlschannel/async/AsynchronousTlsChannelGroup.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/internal/connection/tlschannel/ClientTlsChannel.java
*
 /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/internal/connection/tlschannel/NeedsTaskException.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/internal/connection/tlschannel/TlsChannelFlowControlException.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/internal/connection/ExtendedAsynchronousByteChannel.java
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* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/assertions/Assertions.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/org/bson/util/AbstractCopyOnWriteMap.java
*
 /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/org/bson/util/CopyOnWriteMap.java
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* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/org/bson/codecs/BsonCodec.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/org/bson/codecs/pojo/IdGenerator.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/org/bson/codecs/pojo/ConventionObjectIdGeneratorsImpl.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/org/bson/codecs/pojo/IdGenerators.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/client/model/AggregationLevel.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/org/bson/codecs/pojo/IdPropertyModelHolder.java
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* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/annotations/ThreadSafe.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/annotations/NotThreadSafe.java

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* https://github.com/marianobarrios/tls-channel
*/
/**
   * Writes a sequence of bytesProduced to this channel from a subsequence of the
   * given buffers.
   *
   * <p>
   * See {@link GatheringByteChannel#write(ByteBuffer[], int, int)} for
 more
   * details of the meaning of this signature.
   *
   * <p>
   * This method behaves slightly different than the interface specification,
   * with respect to non-blocking responses, see {@link #write(ByteBuffer)}
   * for more details.
   *
   * @param srcs   The buffers from which bytesProduced are to be retrieved
   * @param offset The offset within the buffer array of the first buffer from
   *               which bytesProduced are to be retrieved; must be non-negative and no
   *               larger than <tt>srcs.length</tt>
   * @param length The maximum number of buffers to be accessed; must be
   *               non-negative and no larger than <tt>srcs.length</tt>
   *                - <tt>offset</tt>
   * @return The number of bytesProduced written, contrary to the behavior specified
   * in {@link ByteChannel}, this method never returns 0, but throws
   * {@link WouldBlockException}
   * @throws IndexOutOfBoundsException If
 the preconditions on the <tt>offset</tt> and
   *                                   <tt>length</tt> parameters do not hold
   * @throws WouldBlockException       if the channel is in non-blocking mode and the IO operation
```

```
   *                                cannot be completed immediately
   * @throws NeedsTaskException       if the channel is not configured to run tasks automatically
   *                                and a task needs to be executed to complete the operation
   * @throws SSLException             if the {@link SSLEngine} throws a SSLException
   * @throws IOException              if the underlying channel throws an IOException
   */
/**
   * Reads a sequence of bytesProduced from this channel into a subsequence of the
   * given buffers.
   *
   * <p>
   * See {@link ScatteringByteChannel#read(ByteBuffer[], int, int)} for more
   * details of the meaning of this signature.
   *
   * <p>
   * This method behaves slightly different
 than the interface specification,
   * with respect to non-blocking responses, see {@link #read(ByteBuffer)} for
   * more details.
   *
   * @param dsts   The buffers into which bytesProduced are to be transferred
   * @param offset The offset within the buffer array of the first buffer into
   *               which bytesProduced are to be transferred; must be non-negative and no
   *               larger than <tt>dsts.length</tt>
   * @param length The maximum number of buffers to be accessed; must be
   *               non-negative and no larger than <tt>dsts.length</tt>
   *                - <tt>offset</tt>
   * @return The number of bytesProduced read, or <tt>-1</tt> if the channel has
   * reached end-of-stream; contrary to the behavior specified in
   * {@link ByteChannel}, this method never returns 0, but throws
   * {@link WouldBlockException}
   * @throws IndexOutOfBoundsException If the preconditions on the <tt>offset</tt> and
    *                                  <tt>length</tt> parameters do not hold
   * @throws WouldBlockException       if the channel is in non-blocking mode and the IO operation
   *                                cannot be completed immediately
   * @throws NeedsTaskException       if the channel is not configured to run tasks automatically
   *                                and a task needs to be executed to complete the operation
   * @throws SSLException             if the {@link SSLEngine} throws a SSLException
   * @throws IOException              if the underlying channel throws an IOException
   */
```

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* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/internal/connection/tlschannel/TlsChannel.java
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* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/lang/NonNull.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/client/internal/FallbackMongoIterableFactory.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/client/internal/Java8MapReduceIterableImpl.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/client/internal/Java8AggregateIterableImpl.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/operation/OperationReadConcernHelper.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/client/internal/Java8ChangeStreamIterableImpl.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/client/internal/ClientSessionImpl.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/client/internal/package-info.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/lang/NonNullApi.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/internal/connection/ReadConcernAwareNoOpSessionContext.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/client/internal/Java8ForEachHelper.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/client/ClientSession.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/operation/AbortTransactionOperation.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/client/TransactionBody.java
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 /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/lang/Nullable.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/lang/package-info.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/TransactionOptions.java
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* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/client/internal/Java8ListDatabasesIterableImpl.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/internal/operation/WriteConcernHelper.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/client/internal/Java8FindIterableImpl.java
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* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/operation/CreateIndexesOperation.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/client/model/Filters.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/connection/StreamFactory.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/internal/connection/Pool.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/event/ServerListenerAdapter.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/operation/ChangeStreamBatchCursorHelper.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/internal/connection/CommandHelper.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/operation/CommandResultCodecProvider.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/client/ListIndexesIterable.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/operation/FindOperation.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/internal/binding/AsyncClusterAwareReadWriteBinding.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/internal/connection/SnappyCompressor.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/internal/binding/AbstractReferenceCounted.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/operation/CursorHelper.java
* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/internal/async/ErrorHandlingResultCallback.java
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* /opt/cola/permits/1198666385_1630397304.27/0/mongo-java-driver-3-12-9-sources-jar/com/mongodb/MongoWriteConcernException.java
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1.1146 procps 3.3.16-1ubuntu2.3

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1.1149 distlib 0.3.3

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A. HISTORY OF THE SOFTWARE
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
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2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
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2.4.3	2.4.2	2006	PSF	yes
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2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
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1.1150 curl 7.58.0-2ubuntu3.16

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1.1151 urllib3 1.26.7

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* distributed under the License is distributed on an "AS IS" BASIS,
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*/
/**
* XSLT-driven View that allows for response context to be rendered as the
* result of an XSLT transformation.
*
* <p>The XSLT Source object is supplied as a parameter in the model and then
* {@link #locateSource detected} during response rendering. Users can either specify
* a specific entry in the
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model via the {@link #setSourceKey sourceKey} property or
* have Spring locate the Source object. This class also provides basic conversion
* of objects into Source implementations. See {@link #getSourceTypes() here}
* for more details.
*
* <p>All model parameters are passed to the XSLT Transformer as parameters.
* In addition the user can configure {@link #setOutputProperties output properties}
* to be passed to the Transformer.
*
* @author Rob Harrop
* @author Juergen Hoeller
* @since 2.0
*/

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* /opt/cola/permits/1211171963_1634805679.99/0/helloworld-jsp-2-1-6-sources-jar/org/ops4j/pax/web/samples/helloworld/jsp/internal/Activator.java

1.1157 mongodb-driver-async 3.12.9

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Found in path(s):
* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-

jar/com/mongodb/async/client/internal/package-info.java
* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/ClientSession.java
* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/ClientSessionImpl.java
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Found in path(s):
* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/FlatteningSingleResultCallbackSubscription.java
* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/Observer.java
* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/MappingIterable.java
* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/gridfs/GridFSFindIterableImpl.java
* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/AggregateIterable.java
* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/internal/AsyncCryptConnection.java
* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/ListDatabasesIterable.java
* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/ListCollectionsIterable.java
* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/SingleResultCallbackSubscription.java
* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/internal/CommandMarker.java
* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/DistinctIterable.java

* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/vault/package-info.java
* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/gridfs/GridFSBuckets.java
* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/MongoClients.java
* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/ListCollectionsIterableImpl.java
* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/package-info.java
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* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/ListIndexesIterable.java
* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/OperationExecutor.java
* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/MongoDatabase.java
* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/vault/ClientEncryption.java
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* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/gridfs/helpers/AsyncStreamHelper.java
* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/MongoIterable.java
* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/MapReduceIterableImpl.java
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* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/DistinctIterableImpl.java
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* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/internal/AsyncCryptBinding.java
* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/Observable.java
* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/internal/Crypts.java
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* /opt/cola/permits/1211537277_1633597055.4/0/mongodb-driver-async-3-12-9-sources-jar/com/mongodb/async/client/ListIndexesIterableImpl.java
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1.1158 jcmturner-aescts 1.0.1

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1.1160 jcmturner-dnsutils 1.0.1

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1.1161 jcmturner-gofork 1.0.0

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1.1162 opentracing-contrib-go-observer 0.0.0-20170622124052-a52f23424492

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1.1169 gofuzz 1.1.0

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1.1179 prometheus-procfs 0.6.0

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1.1181 openzipkin-zipkin-go 0.2.5

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1.1185 blackfriday 2.0.1

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1.1186 grpc-ecosystem-go-grpc-middleware 1.3.0

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1.1187 zap 1.17.0

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1.1188 go-openapi-swag 0.19.14

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1.1190 sanitized-anchor-name 1.0.0

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1.1191 prometheus-common 0.26.0

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1.1194 aec 1.0.0

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1.1197 fvbommel-sortorder 1.0.1

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1.1198 x-sys 0.0.0-20201119102817-f84b799fce68

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1.1199 rcrowley-go-metrics 0.0.0-20201227073835-cf1acfcdf475

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1.1200 protobuf 1.23.0

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1.1201 easyjson 0.7.6

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1.1202 go-asn1-ber-asn1-ber 1.5.1

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1.1203 go-errors-errors 1.0.1

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1.1204 go-ldap-ldap 3.2.4

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1.1205 k-sone-critbitgo 1.3.1-0.20191024122315-48c9e1530131

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1.1206 etcd 3.3.15+incompatible

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Protocol Buffers for Go with Gadgets

Go support for Protocol Buffers - Google's data interchange format

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1.1207 gopkg-in/ldap 2.5.1

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1.1208 gopkg.in-asn1-ber 1.0.0-20181015200546-f715ec2f112d

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1.1209 go-errors-errors 1.0.2

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1.1210 pkg-sftp 1.13.0

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1.1211 go.uber.org/atomi 1.5.0

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1.1212 lithammer-dedent 1.1.0

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1.1213 fiorix-go-diameter 3.0.2+incompatible

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The email address is not required for organizations.
#
Please keep the list sorted.
#
Use the following command to generate the list
#
git shortlog -se | awk '{print $2 " " $3 " " $4}'
#
and do appropriate cleanups.

DanB <danb@cgrates.org>
David Wilkie <dwilkie@gmail.com>
Seyi Ogunyemi <micrypt@users.noreply.github.com>
Tapio <fitase@emblacom.com>
jaroszan <jaroslaw.szangin@gmail.com>
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1.1214 openzipkin-contrib-zipkin-go-opentracing 0.4.5

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1.1215 gopkg.in-tomb 2.0.0-20161208151619-d5d1b5820637

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1.1216 x-net 0.0.0-20210119194325-5f4716e94777

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1.1217 eapache-channels 1.1.0

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1.1218 monochromegane-go-gitignore 0.0.0-20200626010858-205db1a8cc00

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1.1219 moby-spdystream 0.2.0

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1.1220 clockwork 0.2.2

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Clockwork - a clock process to replace cron
==========

Cron is non-ideal for running scheduled application tasks, especially in an app deployed to multiple machines. [More details.](http://adam.heroku.com/past/2010/4/13/rethinking_cron/)

Clockwork is a cron replacement. It runs as a lightweight, long-running Ruby process which sits alongside your web processes (Mongrel/Thin) and your worker processes (DJ/Resque/Minion/Stalker) to schedule recurring work at particular times or dates. For example, refreshing feeds on an hourly basis, or send reminder emails on a nightly basis, or generating invoices once a month on the 1st.

Quickstart

Create clock.rb:

```
require 'clockwork'
include Clockwork

handler do |job|
  puts "Running #{job}"
end

every(10.seconds, 'frequent.job')
every(3.minutes, 'less.frequent.job')
every(1.hour, 'hourly.job')


every(1.day, 'midnight.job', :at => '00:00')
```

Run it with the clockwork binary:

```
$ clockwork clock.rb
[2010-05-25 18:16:46 -0700] Starting clock for 4 events: [ frequent.job less.frequent.job hourly.job midnight.job ]
[2010-05-25 18:16:46 -0700] -> frequent.job
```

Use with queueing

The clock process only makes sense as a place to schedule work to be done, not to do the work. It avoids locking by running as a single process, but this makes it impossible to parallelize. For doing the work, you should be using a job queueing system, such as [Delayed Job](http://www.therailsway.com/2009/7/22/do-it-later-with-delayed-job), [Beanstalk/Stalker](http://adam.heroku.com/past/2010/4/24/beanstalk_a_simple_and_fast_queueing_backend/), [RabbitMQ/Minion](http://adamblog.heroku.com/past/2009/9/28/background_jobs_with_rabbitmq_and_minion/), or [Resque](http://github.com/blog/542-introducing-resque). This design allows a simple clock process with no locks, but also offers

near infinite horizontal
scalability.

For example, if you're using Beanstalk/Staker:

```
require 'stalker'

handler { |job| Stalker.enqueue(job) }

every(1.hour, 'feeds.refresh')
every(1.day, 'reminders.send', :at => '01:30')
```

Using a queueing system which doesn't require that your full application be
loaded is preferable, because the clock process can keep a tiny memory
footprint. If you're using DJ or Resque, however, you can go ahead and load
your full application enviroment, and use per-event blocks to call DJ or Resque
enqueue methods. For example, with DJ/Rails:

```
require 'config/boot'
require 'config/environment'

every(1.hour, 'feeds.refresh') { Feed.send_later(:refresh) }
every(1.day, 'reminders.send', :at => '01:30') { Reminder.send_later(:send_reminders) }
```

Anatomy of a clock file
---

clock.rb is standard Ruby. Since we include the Clockwork module (the
clockwork binary does this automatically, or you can do it explicitly),
this
exposes a small DSL ("handler" and "every") to define the handler for events,
and then the events themselves.

The handler typically looks like this:

```
handler { |job| enqueue_your_job(job) }
```

This block will be invoked every time an event is triggered, with the job name
passed in. In most cases, you should be able to pass the job name directly
through to your queueing system.

The second part of the file are the events, which roughly resembles a crontab:

```
every(5.minutes, 'thing.do')
every(1.hour, 'otherthing.do')
```

In the first line of this example, an event will be triggered once every five
minutes, passing the job name 'thing.do' into the handler. The handler shown

above would thus call enqueue_your_job('thing.do').

You can also pass a custom block to the handler, for job queueing systems that rely on classes rather than job names (i.e. DJ and Resque). In this case, you need not define a general event handler, and instead provide one with each event:

```
  every(5.minutes,
 'thing.do') { Thing.send_later(:do) }
```

If you provide a custom handler for the block, the job name is used only for logging.

You can also use blocks to do more complex checks:

```
  every(1.day, 'check.leap.year') do
    Stalker.enqueue('leap.year.party') if Time.now.year % 4 == 0
  end
```

In production

Only one clock process should ever be running across your whole application deployment. For example, if your app is running on three VPS machines (two app servers and one database), your app machines might have the following process topography:

* App server 1: 3 web (thin start), 3 workers (rake jobs:work), 1 clock (clockwork clock.rb)
* App server 2: 3 web (thin start), 3 workers (rake jobs:work)

You should use Monit, God, Upstart, or Inittab to keep your clock process running the same way you keep your web and workers running.

Meta

Created by Adam Wiggins

Inspired by [rufus-scheduler](http://rufus.rubyforge.org/rufus-scheduler/) and [http://github.com/bvandenbos/resque-scheduler](resque-scehduler)

Design
 assistance from Peter van Hardenberg and Matthew Soldo

Patches contributed by Mark McGranaghan

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http://github.com/adamwiggins/clockwork

Found in path(s):
* /opt/cola/permits/1213082843_1634008352.31/0/clockwork-0-2-2-1-gem/data-tar-gz/README.md

1.1221 go-uber-org-multierr 1.4.0

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1.1226 gotenv 1.2.0

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1.1227 gopkg.in-ini 1.51.0

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1.1228 go-toml 1.2.0

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1.1229 golang-snappy 0.0.1

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1.1231 go-flags 1.5.0

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1.1235 lumberjack 2.0.0

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1.1236 gopkg.in-yaml 2.3.0

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1.1237 pkcs8 0.0.0-20201027041543-1326539a0a0a

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1.1238 grpc-ecosystem-go-grpc-middleware 1.0.0

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1.1239 hcl 1.0.0

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1.1242 golang 1.9.2

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#
# An entry with multiple email addresses specifies that the
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# that the other addresses should be recognized as the
# same person when interacting with Gerrit.

# Please keep the list sorted.

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1.1246 uniseg 0.2.0

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Files: internal/snapref/*

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1.1251 json-iterator-go 1.1.12

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1.1252 modern-go-reflect2 1.0.2

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1.1256 montanaflynn-stats 0.6.6

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1.1257 jinja2 3.0.3

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Metadata-Version: 2.1
Name: Jinja2
Version: 3.0.3
Summary: A very fast and expressive template engine.
Home-page: https://palletsprojects.com/p/jinja/
Author: Armin Ronacher
Author-email: armin.ronacher@active-4.com
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Classifier: Topic :: Text Processing :: Markup :: HTML
Requires-Python: >=3.6
Description-Content-Type: text/x-rst
Provides-Extra: i18n
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Jinja
=====

Jinja is a fast, expressive, extensible templating engine. Special placeholders in the template allow writing code similar to Python syntax. Then the template is passed data to render the final document.

It includes:

- Template inheritance and inclusion.
- Define and import macros within templates.
- HTML templates can use autoescaping to prevent XSS from untrusted user input.
- A sandboxed environment can safely render untrusted templates.
- AsyncIO support for generating templates and calling async functions.
- I18N support with Babel.
- Templates are compiled to optimized Python code just-in-time and cached, or can be compiled ahead-of-time.
- Exceptions point to the correct line in templates to make debugging easier.
- Extensible filters, tests, functions, and even syntax.

Jinja's philosophy is that while application logic belongs in Python if possible, it shouldn't make the template designer's job difficult by restricting functionality too much.

Installing

Install and update using `pip`_:

.. code-block:: text

```
$ pip install -U Jinja2
```

.. _pip: https://pip.pypa.io/en/stable/getting-started/

In A Nutshell

.. code-block:: jinja

```
{% extends "base.html" %}
{% block title %}Members{% endblock %}
{% block content %}
  <ul>
  {% for user in users %}
    <li><a href="{{ user.url }}">{{ user.username }}</a></li>
  {% endfor %}
  </ul>
{% endblock %}
```

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Links

- Documentation: https://jinja.palletsprojects.com/
- Changes: https://jinja.palletsprojects.com/changes/
- PyPI Releases: https://pypi.org/project/Jinja2/
- Source Code: https://github.com/pallets/jinja/

- Issue Tracker: https://github.com/pallets/jinja/issues/
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* /opt/cola/permits/1226358395_1636965021.11/0/jinja2-3-0-3-tar-gz/Jinja2-3.0.3/src/Jinja2.egg-info/PKG-INFO
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[metadata]
name = Jinja2
version = attr: jinja2.__version__
url = https://palletsprojects.com/p/jinja/

```
project_urls =
 Donate = https://palletsprojects.com/donate
 Documentation = https://jinja.palletsprojects.com/
 Changes = https://jinja.palletsprojects.com/changes/
 Source Code = https://github.com/pallets/jinja/
 Issue Tracker = https://github.com/pallets/jinja/issues/
 Twitter = https://twitter.com/PalletsTeam
 Chat = https://discord.gg/pallets
license = BSD-3-Clause
license_files = LICENSE.rst
author = Armin Ronacher
author_email = armin.ronacher@active-4.com
maintainer = Pallets
maintainer_email = contact@palletsprojects.com
description = A very fast and expressive template engine.
long_description = file: README.rst
long_description_content_type = text/x-rst
classifiers =
 Development Status :: 5 - Production/Stable
 Environment :: Web Environment
 Intended Audience :: Developers
 License :: OSI Approved ::
 BSD License
 Operating System :: OS Independent
 Programming Language :: Python
 Topic :: Internet :: WWW/HTTP :: Dynamic Content
 Topic :: Text Processing :: Markup :: HTML

[options]
packages = find:
package_dir = = src
include_package_data = true
python_requires = >= 3.6

[options.packages.find]
where = src

[options.entry_points]
babel.extractors =
 jinja2 = jinja2.ext:babel_extract[i18n]

[tool:pytest]
testpaths = tests
filterwarnings =
 error
 ignore:The loop argument:DeprecationWarning:asyncio[.]base_events:542

[coverage:run]
```

```
branch = True
source =
 jinja2
 tests

[coverage:paths]
source =
 src
 */site-packages

[flake8]
select = B, E, F, W, B9, ISC
ignore =
 E203
 E501
 E722
 W503
max-line-length = 80
per-file-ignores =
 src/jinja2/__init__.py: F401

[mypy]
files = src/jinja2
python_version = 3.6
disallow_subclassing_any = True
disallow_untyped_calls = True
disallow_untyped_defs = True
disallow_incomplete_defs = True
no_implicit_optional = True
local_partial_types = True
no_implicit_reexport
 = True
strict_equality = True
warn_redundant_casts = True
warn_unused_configs = True
warn_unused_ignores = True
warn_return_any = True
warn_unreachable = True

[mypy-jinja2.defaults]
no_implicit_reexport = False

[mypy-markupsafe]
no_implicit_reexport = False

[egg_info]
tag_build =
tag_date = 0
```

Found in path(s):
* /opt/cola/permits/1226358395_1636965021.11/0/jinja2-3-0-3-tar-gz/Jinja2-3.0.3/setup.cfg

1.1258 libogg 1.3.4-0ubuntu1

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This package was debianized by Christopher L Cheney <ccheney@debian.org> on
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It was downloaded from http://www.xiph.org

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id 1QsTXr-0004MO-Ek
for ron@debian.org; Sun, 14 Aug 2011 05:47:35 +0000
In-Reply-To: <20110813065417.GV2324@audi.shelbyville.oz>
References: <20110813065417.GV2324@audi.shelbyville.oz>
From: Silvia Pfeiffer <silviapfeiffer1@gmail.com>
Date: Sun, 14 Aug 2011 15:47:09 +1000
Message-ID: <CAHp8n2nmGN+G09aA118KN86NeX9yw_VJAQNFZebm74k195zz+Q@mail.gmail.com>
Subject: Re: Distributing the libogg RFCs in the Debian package
To: Ron <ron@debian.org>
Cc: Christopher Montgomery <monty@xiph.org>,
Ivo Emanuel Goncalves <justivo@gmail.com>

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1.1259 alsa 1.2.2-2.1ubuntu2.5

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## Commands to generate dependency files
GEN_DEPS.c= $(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc= $(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
```

```
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE= -Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so
## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation
 rules
%.$(STATIC_O): $(srcdir)/%.c
 $(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
 $(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.$(STATIC_O): $(srcdir)/%.cpp
 $(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
 $(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<


## Dependency rules
%.d: $(srcdir)/%.c
 @echo "generating dependency information for $<"
 @$(SHELL) -ec '$(GEN_DEPS.c) $< \
  | sed '\"s/\($*\)\.o[ :]*/\1.o $@ : /g'\" > $@; \
  [ -s $@ ] || rm -f $@'

%.d: $(srcdir)/%.cpp
 @echo "generating dependency information for $<"
 @$(SHELL) -ec '$(GEN_DEPS.cc) $< \
  | sed '\"s/\($*\)\.o[ :]*/\1.o $@ : /g'\" > $@; \
  [ -s $@ ] || rm -f $@'

## Versioned libraries rules

%.$(SO).$(SO_TARGET_VERSION_MAJOR): %.$(SO).$(SO_TARGET_VERSION)
 $(RM) $@ && ln -s ${<F} $@
%.$(SO): %.$(SO).$(SO_TARGET_VERSION_MAJOR)
```

```
 $(RM) $@ && ln -s ${*F}.$(SO).$(SO_TARGET_VERSION) $@

##  Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

## End BSD-specific setup
```

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1.1265 charset-normalizer 2.0.9

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1.1266 six 1.14.0

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1.1267 python 3.8.2-0ubuntu2

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This is the Debian GNU/Linux prepackaged version of the Python programming language. Python was written by Guido van Rossum <guido@cwi.nl> and others.

This package was put together by Klee Dienes <klee@debian.org> from sources from ftp.python.org:/pub/python, based on the Debianization by the previous maintainers Bernd S. Brentrup <bsb@uni-muenster.de> and Bruce Perens.

Current maintainer is Matthias Klose <doko@debian.org> until the final 2.3 version is released.

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National
Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no

1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
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Thanks to the many outside volunteers who have worked under Guido's
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* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/core/TrimInstruction.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/ext/dom/CharacterDataNodeModel.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/template/Template.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/template/utility/CaptureOutput.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/template/utility/NormalizeNewlines.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/ext/dom/ElementModel.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/core/PropertySetting.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/ext/dom/AttributeNodeModel.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/ext/dom/SunInternalXalanXPathSupport.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/ext/dom/NodeListModel.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/ext/dom/Transform.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/template/TemplateModelListSequence.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/template/utility/JythonRuntime.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/core/Include.java

*
/opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/ext/dom/PINodeModel.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/core/Environment.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/core/BlockAssignment.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/ext/dom/DocumentModel.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/ext/dom/NodeModel.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/core/SequenceBuiltins.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/core/NumericalBuiltins.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/core/NodeBuiltins.java
No license file was found, but licenses were detected in source scan.

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options
{
  STATIC=false;
  UNICODE_INPUT=true;
//   DEBUG_TOKEN_MANAGER=true;
//   DEBUG_PARSER=true;
}

PARSER_BEGIN(FMParser)

package freemarker.core;

import freemarker.template.*;
import freemarker.template.utility.StringUtil;
import freemarker.template.utility.DeepUnwrap;
import java.io.*;
import java.util.*;

/**
* This class
 is generated by JavaCC from a grammar file.
*/
public class FMParser {

// Necessary for adding macros and setting location info.
```

```
 Template template;
 private String templateName;

// variables that keep track of whether we are in a loop or a switch.
 private int loopNesting, switchNesting;
 private boolean inMacro, inFunction, stripWhitespace, stripText;
 private LinkedList escapes = new LinkedList();
 private int contentNesting; // for stripText

 /**
  * Create an FM expression parser using a string.
  */
 static public FMParser createExpressionParser(String s) {
     SimpleCharStream scs = new SimpleCharStream(new StringReader(s), 1, 1, s.length());
     FMParserTokenManager token_source = new FMParserTokenManager(scs);
     token_source.SwitchTo(FMParserConstants.FM_EXPRESSION);
     return new FMParser(token_source);
 }

 /**
  * Constructs a new parser object.
  * @param template The template associated with this parser.
  * @param reader The character
 stream to use as input
  * @param strictEscapeSyntax Whether FreeMarker directives must start with a #
  */
 public FMParser(Template template, Reader reader, boolean strictEscapeSyntax, boolean stripWhitespace) {
     this(reader);
     this.template = template;
     token_source.strictEscapeSyntax = strictEscapeSyntax;
     this.templateName = template != null ? template.getName() : "";
     token_source.templateName = templateName;
     this.stripWhitespace = stripWhitespace;
 }

 public FMParser(Template template, Reader reader, boolean strictEscapeSyntax, boolean stripWhitespace, int
tagSyntax) {
     this(template, reader, strictEscapeSyntax, stripWhitespace);
     switch (tagSyntax) {
         case Configuration.AUTO_DETECT_TAG_SYNTAX :
      token_source.autodetectTagSyntax = true;
      break;
   case Configuration.ANGLE_BRACKET_TAG_SYNTAX :
      token_source.altDirectiveSyntax = false;
      break;
   case Configuration.SQUARE_BRACKET_TAG_SYNTAX :
      token_source.altDirectiveSyntax
```

```
= true;
     break;
  default : throw new IllegalArgumentException("Illegal argument for tagSyntax");
    }
}

public FMParser(String template) {
    this(null, new StringReader(template), true, true);
}

private String getErrorStart(Token t) {
    return "Error in template: " + template.getName()
          + "\non line " + t.beginLine + ", column " + t.beginColumn;
}

/**
 * Throw an exception if the expression passed in is a String
 * Literal
 */
private void notStringLiteral(Expression exp, String expected) throws ParseException {
    if (exp instanceof StringLiteral) {
       String msg = "Error " + exp.getStartLocation()
                  + "\nFound string literal: " + exp
                  + "\nExpecting: " + expected;
       throw new ParseException(msg, exp);
    }
}

/**
 * Throw an exception if the expression passed in is a Number
 * Literal
 */
private void notNumberLiteral(Expression exp,
String expected) throws ParseException {
    if (exp instanceof NumberLiteral) {
       String msg = "Error " + exp.getStartLocation()
                  + "\nFound number literal: " + exp.getCanonicalForm()
                  + "\nExpecting " + expected;
       throw new ParseException(msg, exp);
    }
}

/**
 * Throw an exception if the expression passed in is a boolean
 * Literal
 */
private void notBooleanLiteral(Expression exp, String expected) throws ParseException {
    if (exp instanceof BooleanLiteral) {
```

```
        String msg = "Error " + exp.getStartLocation()
                + "\nFound: " + exp.getCanonicalForm()
                + "\nExpecting " + expected;
        throw new ParseException(msg, exp);
    }
}

/**
 * Throw an exception if the expression passed in is a Hash
 * Literal
 */
private void notHashLiteral(Expression exp, String expected) throws ParseException {
      if (exp instanceof HashLiteral) {
        String
msg = "Error " + exp.getStartLocation()
                + "\nFound hash literal: " + exp.getCanonicalForm()
                + "\nExpecting " + expected;
        throw new ParseException(msg, exp);
    }
}

/**
 * Throw an exception if the expression passed in is a List
 * Literal
 */

private void notListLiteral(Expression exp, String expected)
    throws ParseException
{
      if (exp instanceof ListLiteral) {
        String msg = "Error " + exp.getStartLocation()
                + "\nFound list literal: " + exp.getCanonicalForm()
                + "\nExpecting " + expected;
        throw new ParseException(msg, exp);
    }
}
/**
 * Throw an exception if the expression passed in is a literal
 * other than of the numerical type
 */
private void numberLiteralOnly(Expression exp) throws ParseException {
    notStringLiteral(exp, "number");
    notListLiteral(exp, "number");
    notHashLiteral(exp, "number");
    notBooleanLiteral(exp,
"number");
}
```

```
/**
 * Throw an exception if the expression passed in is
 * not a string.
 */
private void stringLiteralOnly(Expression exp) throws ParseException {
    notNumberLiteral(exp, "number");
    notListLiteral(exp, "number");
    notHashLiteral(exp, "number");
    notBooleanLiteral(exp, "number");
}

/**
 * Throw an exception if the expression passed in is a literal
 * other than of the boolean type
 */
private void booleanLiteralOnly(Expression exp) throws ParseException {
    notStringLiteral(exp, "boolean (true/false)");
    notListLiteral(exp, "boolean (true/false)");
    notHashLiteral(exp, "boolean (true/false)");
    notNumberLiteral(exp, "boolean (true/false)");
}

private Expression escapedExpression(Expression exp) {
    if(!escapes.isEmpty()) {
        return ((EscapeBlock)escapes.getFirst()).doEscape(exp);
    }
    return exp;
}

private boolean getBoolean(Expression exp) throws ParseException
{
    TemplateModel tm = null;
    try {
        tm = exp.getAsTemplateModel(null);
    } catch (Exception e) {
       throw new ParseException(e.getMessage()
                            + "\nCould not evaluate expression: "
                            + exp.getCanonicalForm()
                            + exp.getStartLocation(), exp);
    }
    if (tm instanceof TemplateBooleanModel) {
        try {
           return ((TemplateBooleanModel) tm).getAsBoolean();
        } catch (TemplateModelException tme) {
        }
    }
    if (tm instanceof TemplateScalarModel) {
        try {
```

```
            return StringUtil.getYesNo(((TemplateScalarModel) tm).getAsString());
        } catch (Exception e) {
            throw new ParseException(e.getMessage()
                                + "\nExpecting yes/no, found: " + exp.getCanonicalForm()
                                + exp.getStartLocation(), exp);
        }
    }

  throw new ParseException("Expecting boolean (yes/no) parameter" + exp.getStartLocation(), exp);
 }
}

PARSER_END(FMParser)

/**
* The lexer portion defines 5 lexical states:
* DEFAULT, FM_EXPRESSION, IN_PAREN, NO_PARSE, and EXPRESSION_COMMENT.
* The DEFAULT state is when you are parsing
* text but are not inside a FreeMarker expression.
* FM_EXPRESSION is the state you are in
* when the parser wants a FreeMarker expression.
* IN_PAREN is almost identical really. The difference
* is that you are in this state when you are within
* FreeMarker expression and also within (...).
* This is a necessary subtlety because the
* ">" and ">=" symbols can only be used
* within parentheses because otherwise, it would
* be ambiguous with the end of a directive.
* So, for example, you enter the FM_EXPRESSION state
* right after a ${ and leave it after the matching }.
* Or, you enter the FM_EXPRESSION state right after
* an "<if" and then, when you hit the matching ">"
* that ends
 the if directive,
* you go back to DEFAULT lexical state.
* If, within the FM_EXPRESSION state, you enter a
* parenthetical expression, you enter the IN_PAREN
* state.
* Note that whitespace is ignored in the
* FM_EXPRESSION and IN_PAREN states
* but is passed through to the parser as PCDATA in the DEFAULT state.
* NO_PARSE and EXPRESSION_COMMENT are extremely simple
* lexical states. NO_PARSE is when you are in a comment
* block and EXPRESSION_COMMENT is when you are in a comment
* that is within an FTL expression.
*/

TOKEN_MGR_DECLS :
```

```
{

/**
 The noparseTag is set when we enter
 a block of text that the parser more or less ignores.
 These are <noparse> and <comment>. This variable
 tells us what the closing tag should be, and when
 we hit that, we resume parsing. Note that with this
 scheme, <comment> and <noparse> tags cannot nest
 recursively, but it is not clear how important that is.
*/
   String noparseTag;

/**
   Keeps track of how deeply nested
   we have
 the hash literals.
   This is necessary since we need to be
   able to distinguish the } used to close
   a hash literal and the one used to
   close a ${
*/
private int hashLiteralNesting;
private int parenthesisNesting;
private int bracketNesting;
private boolean inFTLHeader;
boolean strictEscapeSyntax,
        onlyTextOutput,
        altDirectiveSyntax,
  autodetectTagSyntax,
        directiveSyntaxEstablished,
  inInvocation;
String templateName;


// This method checks if we are in a strict mode where all
// FreeMarker directives must start with <#

private void strictSyntaxCheck(Token tok, int newLexState) {
    if (onlyTextOutput) {
       tok.kind = PRINTABLE_CHARS;
       return;
    }
    char firstChar = tok.image.charAt(0);
    if (autodetectTagSyntax && !directiveSyntaxEstablished) {
        altDirectiveSyntax = (firstChar == '[');
    }
    if ((firstChar == '[' && !altDirectiveSyntax) || (firstChar == '<' && altDirectiveSyntax)) {
```

```
 tok.kind = PRINTABLE_CHARS;
      return;
    }
    if (!strictEscapeSyntax) {
      SwitchTo(newLexState);
      return;
    }
    if (!altDirectiveSyntax) {
       if (!tok.image.startsWith("<#") && !tok.image.startsWith("</#")) {
         tok.kind = PRINTABLE_CHARS;
         return;
       }
    }
    directiveSyntaxEstablished = true;
    SwitchTo(newLexState);
}

private void unifiedCall(Token tok) {
    char firstChar = tok.image.charAt(0);
    if (autodetectTagSyntax && !directiveSyntaxEstablished) {
       altDirectiveSyntax = (firstChar == '[');
    }
    if (altDirectiveSyntax && firstChar == '<') {
      tok.kind = PRINTABLE_CHARS;
      return;
    }
    if (!altDirectiveSyntax && firstChar == '[') {
      tok.kind = PRINTABLE_CHARS;
      return;
    }
    directiveSyntaxEstablished = true;
    SwitchTo(NO_SPACE_EXPRESSION);
}

private void unifiedCallEnd(Token tok) {
    char firstChar = tok.image.charAt(0);
    if (altDirectiveSyntax
 && firstChar == '<') {
      tok.kind = PRINTABLE_CHARS;
      return;
    }
    if (!altDirectiveSyntax && firstChar == '[') {
      tok.kind = PRINTABLE_CHARS;
      return;
    }
}
```

```
private void closeBracket(Token tok) {
   if (bracketNesting >0) {
      --bracketNesting;
   } else {
      tok.kind=DIRECTIVE_END;
      if (inFTLHeader) {
         eatNewline();
         inFTLHeader = false;
      }
      SwitchTo(DEFAULT);
   }
}


private void eatNewline() {
   int charsRead = 0;
   try {
      while (true) {
         char c = input_stream.readChar();
         ++charsRead;
         if (!Character.isWhitespace(c)) {
            input_stream.backup(charsRead);
      return;
         } else if (c=='\r') {
            char next = input_stream.readChar();
            ++charsRead;
            if (next != '\n') {
               input_stream.backup(1);
            }
            return;
         }
 else if (c=='\n') {
            return;
         }
      }
   } catch (IOException ioe) {
      input_stream.backup(charsRead);
   }
}

private void ftlHeader(Token matchedToken) {
      if (!directiveSyntaxEstablished) {
         altDirectiveSyntax = matchedToken.image.charAt(0) == '[';
   directiveSyntaxEstablished = true;
   autodetectTagSyntax = false;
      }
      String img = matchedToken.image;
      char firstChar = img.charAt(0);
```

```
    char lastChar = img.charAt(img.length() -1);
    if ((firstChar == '[' && !altDirectiveSyntax) || (firstChar == '<' && altDirectiveSyntax)) {
      matchedToken.kind = PRINTABLE_CHARS;
    }
    if (matchedToken.kind != PRINTABLE_CHARS) {
      if (lastChar != '>' && lastChar != ']') {
          SwitchTo(FM_EXPRESSION);
          inFTLHeader = true;
      } else {
        eatNewline();
      }
    }
}
}

TOKEN:
{
  <#BLANK : [" ", "\t", "\n", "\r"]>
  |
  <#START_TAG : "<"
| "<#" | "[#">
  |
  <#END_TAG : "</" | "</#" | "[/#">
  |
  <#CLOSE_TAG1 : (<BLANK>)* (">" | "]")>
  |
  <#CLOSE_TAG2 : (<BLANK>)* ("/")? (">" | "]")>
  |
  <ATTEMPT : <START_TAG> "attempt" <CLOSE_TAG1>> {strictSyntaxCheck(matchedToken, DEFAULT);}
  |
  <RECOVER : <START_TAG> "recover" <CLOSE_TAG1>> {strictSyntaxCheck(matchedToken, DEFAULT);}
  |
  <IF : <START_TAG> "if" <BLANK>> {strictSyntaxCheck(matchedToken, FM_EXPRESSION);}
  |
  <ELSE_IF : <START_TAG> "elseif" <BLANK>> {strictSyntaxCheck(matchedToken, FM_EXPRESSION);}
  |
  <LIST : <START_TAG> "list" <BLANK>> {strictSyntaxCheck(matchedToken, FM_EXPRESSION);}
  |
  <FOREACH : <START_TAG> "foreach" <BLANK>>  {strictSyntaxCheck(matchedToken,
FM_EXPRESSION);}
  |
  <SWITCH : <START_TAG> "switch" <BLANK>> {strictSyntaxCheck(matchedToken, FM_EXPRESSION);}
  |
  <CASE : <START_TAG> "case" <BLANK>> {strictSyntaxCheck(matchedToken, FM_EXPRESSION);}
  |
  <ASSIGN : <START_TAG> "assign" <BLANK>>
 {strictSyntaxCheck(matchedToken, FM_EXPRESSION);}
  |
```

```
  <GLOBALASSIGN : <START_TAG> "global" <BLANK>> {strictSyntaxCheck(matchedToken,
FM_EXPRESSION);}
  |
  <LOCALASSIGN : <START_TAG> "local" <BLANK>> {strictSyntaxCheck(matchedToken,
FM_EXPRESSION);}
  |
  <INCLUDE : <START_TAG> "include" <BLANK>> {strictSyntaxCheck(matchedToken, FM_EXPRESSION);}
  |
  <IMPORT : <START_TAG> "import" <BLANK>> {strictSyntaxCheck(matchedToken, FM_EXPRESSION);}
  |
  <FUNCTION : <START_TAG> "function" <BLANK>> {strictSyntaxCheck(matchedToken,
FM_EXPRESSION);}
  |
  <MACRO : <START_TAG> "macro" <BLANK>> {strictSyntaxCheck(matchedToken, FM_EXPRESSION);}
  |
  <TRANSFORM : <START_TAG> "transform" <BLANK>> {strictSyntaxCheck(matchedToken,
FM_EXPRESSION);}
  |
  <VISIT : <START_TAG> "visit" <BLANK>> {strictSyntaxCheck(matchedToken, FM_EXPRESSION);}
  |
  <STOP : <START_TAG> "stop" <BLANK>> {strictSyntaxCheck(matchedToken, FM_EXPRESSION);}
  |
  <RETURN : <START_TAG>
 "return" <BLANK>> {strictSyntaxCheck(matchedToken, FM_EXPRESSION);}
  |
  <CALL : <START_TAG> "call" <BLANK>> {strictSyntaxCheck(matchedToken, FM_EXPRESSION);}
  |
  <SETTING : <START_TAG> "setting" <BLANK>> {strictSyntaxCheck(matchedToken, FM_EXPRESSION);}
  |
  <COMPRESS : <START_TAG> "compress" <CLOSE_TAG1>> {strictSyntaxCheck(matchedToken,
DEFAULT);}
  |
  <COMMENT : <START_TAG> "comment" <CLOSE_TAG1>> {strictSyntaxCheck(matchedToken,
NO_PARSE); noparseTag="comment";}
  |
  <TERSE_COMMENT : ("<" | "[") "#--" > {noparseTag = "-->"; strictSyntaxCheck(matchedToken, NO_PARSE);
}
  |
  <NOPARSE : <START_TAG> "noparse" <CLOSE_TAG1>> {strictSyntaxCheck(matchedToken, NO_PARSE);
noparseTag="noparse";}
  |
  <END_IF : <END_TAG> "if" <CLOSE_TAG1>> {strictSyntaxCheck(matchedToken, DEFAULT);}
  |
  <END_LIST : <END_TAG> "list" <CLOSE_TAG1>> {strictSyntaxCheck(matchedToken, DEFAULT);}
  |
  <END_RECOVER : <END_TAG> "recover" <CLOSE_TAG1>> {strictSyntaxCheck(matchedToken,
 DEFAULT);}
  |
```

```
  <END_ATTEMPT : <END_TAG> "attempt" <CLOSE_TAG1>> {strictSyntaxCheck(matchedToken,
DEFAULT);}
  |
  <END_FOREACH : <END_TAG> "foreach" <CLOSE_TAG1>> {strictSyntaxCheck(matchedToken,
DEFAULT);}
  |
  <END_LOCAL : <END_TAG> "local" <CLOSE_TAG1>> {strictSyntaxCheck(matchedToken, DEFAULT);}
  |
  <END_GLOBAL : <END_TAG> "global" <CLOSE_TAG1>> {strictSyntaxCheck(matchedToken, DEFAULT);}
  |
  <END_ASSIGN : <END_TAG> "assign" <CLOSE_TAG1>> {strictSyntaxCheck(matchedToken, DEFAULT);}
  |
  <END_FUNCTION : <END_TAG> "function" <CLOSE_TAG1>> {strictSyntaxCheck(matchedToken,
DEFAULT);}
  |
  <END_MACRO : <END_TAG> "macro" <CLOSE_TAG1>> {strictSyntaxCheck(matchedToken, DEFAULT);}
  |
  <END_COMPRESS : <END_TAG> "compress" <CLOSE_TAG1>> {strictSyntaxCheck(matchedToken,
DEFAULT);}
  |
  <END_TRANSFORM : <END_TAG> "transform" <CLOSE_TAG1>> {strictSyntaxCheck(matchedToken,
DEFAULT);}
  |
  <END_SWITCH : <END_TAG> "switch" <CLOSE_TAG1>>
 {strictSyntaxCheck(matchedToken, DEFAULT);}
  |
  <ELSE : <START_TAG> "else" <CLOSE_TAG2>> {strictSyntaxCheck(matchedToken, DEFAULT);}
  |
  <BREAK : <START_TAG> "break" <CLOSE_TAG2>> {strictSyntaxCheck(matchedToken, DEFAULT);}
  |
  <SIMPLE_RETURN : <START_TAG> "return" <CLOSE_TAG2>> {strictSyntaxCheck(matchedToken,
DEFAULT);}
  |
  <HALT : <START_TAG> "stop" <CLOSE_TAG2>> {strictSyntaxCheck(matchedToken, DEFAULT);}
  |
  <FLUSH : <START_TAG> "flush" <CLOSE_TAG2>> {strictSyntaxCheck(matchedToken, DEFAULT);}
  |
  <TRIM : <START_TAG> "t" <CLOSE_TAG2>> {strictSyntaxCheck(matchedToken, DEFAULT);}
  |
  <LTRIM : <START_TAG> "lt" <CLOSE_TAG2>> {strictSyntaxCheck(matchedToken, DEFAULT);}
  |
  <RTRIM : <START_TAG> "rt" <CLOSE_TAG2>> {strictSyntaxCheck(matchedToken, DEFAULT);}
  |
  <NOTRIM : <START_TAG> "nt" <CLOSE_TAG2>> {strictSyntaxCheck(matchedToken, DEFAULT);}
  |
  <DEFAUL : <START_TAG> "default" <CLOSE_TAG1>> {strictSyntaxCheck(matchedToken,
 DEFAULT);}
  |
```

```
  <SIMPLE_NESTED : <START_TAG> "nested" <CLOSE_TAG2>> {strictSyntaxCheck(matchedToken,
DEFAULT);}
  |
  <NESTED : <START_TAG> "nested" <BLANK>> {strictSyntaxCheck(matchedToken, FM_EXPRESSION);}
  |
  <SIMPLE_RECURSE : <START_TAG> "recurse" <CLOSE_TAG2>> {strictSyntaxCheck(matchedToken,
DEFAULT);}
  |
  <RECURSE : <START_TAG> "recurse" <BLANK>> {strictSyntaxCheck(matchedToken, FM_EXPRESSION);}
  |
  <FALLBACK : <START_TAG> "fallback" <CLOSE_TAG2>> {strictSyntaxCheck(matchedToken,
DEFAULT);}
  |
  <ESCAPE : <START_TAG> "escape" <BLANK>> {strictSyntaxCheck(matchedToken, FM_EXPRESSION);}
  |
  <END_ESCAPE : <END_TAG> "escape" <CLOSE_TAG1>> {strictSyntaxCheck(matchedToken, DEFAULT);}
  |
  <NOESCAPE : <START_TAG> "noescape" <CLOSE_TAG1>> {strictSyntaxCheck(matchedToken,
DEFAULT);}
  |
  <END_NOESCAPE : <END_TAG> "noescape" <CLOSE_TAG1>> {strictSyntaxCheck(matchedToken,
DEFAULT);}
  |
  <UNIFIED_CALL : "<@" | "[@" >  {unifiedCall(matchedToken);}
   |
  <UNIFIED_CALL_END : ("<" | "[") "/@" ((<ID>) ("."<ID>)*)? <CLOSE_TAG1>>
{unifiedCallEnd(matchedToken);}
  |
  <FTL_HEADER : ("<#ftl" | "[#ftl") <BLANK>> {ftlHeader(matchedToken);}
  |
  <TRIVIAL_FTL_HEADER : ("<#ftl" | "[#ftl") ("/")? (">" | "]")> {ftlHeader(matchedToken);}
  |
  <UNKNOWN_DIRECTIVE : ("[#" | "[/#" | "<#" | "</#") (["a"-"z","A"-"Z", "_"])+>
  {
    if (!directiveSyntaxEstablished) {
      matchedToken.kind = PRINTABLE_CHARS;
    } else {
      char firstChar = matchedToken.image.charAt(0);
      if (firstChar == '<' && altDirectiveSyntax) {
        matchedToken.kind = PRINTABLE_CHARS;
      } else if (firstChar == '[' && !altDirectiveSyntax) {
        matchedToken.kind = PRINTABLE_CHARS;
      }
      else if (strictEscapeSyntax) {
        String s = matchedToken.image;
        int index = s.indexOf('#');
        s = s.substring(index);
        String msg = "Unknown directive:
```

```
 "
            + s
            + " on line: " + matchedToken.beginLine
            + ", column: " + matchedToken.beginColumn +1
            + ", in template: " + templateName;
            throw new TokenMgrError(msg, TokenMgrError.LEXICAL_ERROR);
          }
      }
   }
}

<DEFAULT, NODIRECTIVE> TOKEN :
{
   <WHITESPACE : (["\n", "\r", "\t", " "])+>
   |
   <PRINTABLE_CHARS : (~["$", "<", "#", "[", "{", "\n", "\r", "\t", " "])+>
   |
   <FALSE_ALERT : "$" | "#" | "<" | "[" | "{"> // to handle a lone dollar sign or "<" or "# or <@ with whitespace
after"
   |
   <OUTPUT_ESCAPE : "${"> : FM_EXPRESSION
   |
   <NUMERICAL_ESCAPE : "#{"> : FM_EXPRESSION
}

<FM_EXPRESSION, IN_PAREN, NAMED_PARAMETER_EXPRESSION> SKIP :
{
   < ( " " | "\t" | "\n" | "\r" )+ >
   |
   < ["<", "["] ["#", "!"] "--"> : EXPRESSION_COMMENT
}

<EXPRESSION_COMMENT> SKIP:
{
   < (~["-", ">", "]"])+ >
   |
   < ">">
   |
   < "]">
   |
   < "-">
   |
   < "-->" | "--]"> {if (parenthesisNesting
 >0) SwitchTo(IN_PAREN); else if (inInvocation) SwitchTo(NAMED_PARAMETER_EXPRESSION); else
SwitchTo(FM_EXPRESSION);}
}

<FM_EXPRESSION, IN_PAREN, NO_SPACE_EXPRESSION, NAMED_PARAMETER_EXPRESSION>
```

```
TOKEN :
{
 <#ESCAPED_CHAR :  "\\"
        (
          ["n","t","r","f","b","g","l","a","\\","""","\'","$","{"]
          |
          ("x" ["0"-"9","A"-"F","a"-"f"])
        )
 >
 |
 <STRING_LITERAL :
    ("\""
      ((~["\""","\\"]) | <ESCAPED_CHAR>)*
    "\"")
    |
    ("""
      ((~["""","\\"]) | <ESCAPED_CHAR>)*
    """
    )
 >
 |
 <RAW_STRING : "r" (("\"" (~["\""])* "\"") | ("""" (~["""])* """))>
 |
 <FALSE : "false">
 |
 <TRUE : "true">
 |
 <INTEGER : (["0"-"9"])+>
 |
 <DECIMAL : <INTEGER> "." <INTEGER>>
 |
 <DOT : ".">
 |
 <DOT_DOT : "..">
 |
 <BUILT_IN : "?">
 |
 <EXISTS : "??">
 |
 <EQUALS : "=">
 |
 <DOUBLE_EQUALS : "==">
 |
 <NOT_EQUALS : "!=">
 |
 <LESS_THAN : "lt" | "\\lt" | "<" | "&lt;">
 |
 <LESS_THAN_EQUALS
```

```
: "lte" | "\\lte" | "<=" | "&lt;=">
|
<ESCAPED_GT: "gt" | "\\gt" |  "&gt;">
|
<ESCAPED_GTE : "gte" | "\\gte" | "&gt;=">
|
<PLUS : "+">
|
<MINUS : "-">
|
<TIMES : "*">
|
<DOUBLE_STAR : "**">
|
<ELLIPSIS : "...">
|
<DIVIDE : "/">
|
<PERCENT : "%">
|
<AND : "&" | "&&" >
|
<OR : "|" | "||">
|
<EXCLAM : "!">
|
<COMMA : ",">
|
<SEMICOLON : ";">
|
<COLON : ":">
|
<OPEN_BRACKET : "["> {++bracketNesting;}
|
<CLOSE_BRACKET : "]"> {closeBracket(matchedToken);}
|
<OPEN_PAREN : "(">
{
   ++parenthesisNesting;
   if (parenthesisNesting == 1)
      SwitchTo(IN_PAREN);
}
|
<CLOSE_PAREN : ")">
{
   --parenthesisNesting;
   if (parenthesisNesting == 0) {
 if (inInvocation) SwitchTo(NAMED_PARAMETER_EXPRESSION);
```

```
      else SwitchTo(FM_EXPRESSION);
   }
}
|
<OPEN_BRACE : "{" > {++hashLiteralNesting;}
|
<CLOSE_BRACE : "}" >
{
   if (hashLiteralNesting == 0)
      SwitchTo(DEFAULT);
   else

     --hashLiteralNesting;
}
|
< IN : "in">
|
< AS : "as">
|
< USING : "using">
|
< ID: <LETTER> (<LETTER>|<DIGIT>)* >
|
< #LETTER:
    [
     "\u0024",
     "\u0040"-"\u005a",
     "\u005f",
     "\u0061"-"\u007a",
     "\u00c0"-"\u00d6",
     "\u00d8"-"\u00f6",
     "\u00f8"-"\u00ff",
     "\u0100"-"\u1fff",
     "\u3040"-"\u318f",
     "\u3300"-"\u337f",
     "\u3400"-"\u3d2d",
     "\u4e00"-"\u9fff",
     "\uf900"-"\ufaff"
    ]
>
|
< #DIGIT:
    [
     "\u0030"-"\u0039",
     "\u0660"-"\u0669",
     "\u06f0"-"\u06f9",
     "\u0966"-"\u096f",
     "\u09e6"-"\u09ef",
```

```
    "\u0a66"-"\u0a6f",
    "\u0ae6"-"\u0aef",
    "\u0b66"-"\u0b6f",
    "\u0be7"-"\u0bef",
    "\u0c66"-"\u0c6f",
    "\u0ce6"-"\u0cef",
    "\u0d66"-"\u0d6f",
    "\u0e50"-"\u0e59",
    "\u0ed0"-"\u0ed9",
    "\u1040"-"\u1049"
   ]
 >
}

<FM_EXPRESSION, NO_SPACE_EXPRESSION, NAMED_PARAMETER_EXPRESSION> TOKEN :
{
 <DIRECTIVE_END
 : ">">
  {
    if (inFTLHeader) eatNewline();
    inFTLHeader = false;
    if (altDirectiveSyntax) {
      matchedToken.kind = NATURAL_GT;
    } else {
      SwitchTo(DEFAULT);
    }
  }
|
 <EMPTY_DIRECTIVE_END : "/>" | "/]"> {if (inFTLHeader) eatNewline(); inFTLHeader = false;
SwitchTo(DEFAULT);}
}

<IN_PAREN> TOKEN :
{
 <NATURAL_GT : ">">
|
 <NATURAL_GTE : ">=">
}

<NO_SPACE_EXPRESSION> TOKEN :
{
  <TERMINATING_WHITESPACE :  (["\n", "\r", "\t", " "])+> : FM_EXPRESSION
}

<NAMED_PARAMETER_EXPRESSION> TOKEN :
{
  <TERMINATING_EXCLAM : "!" (["\n", "\r", "\t", " "])+> : FM_EXPRESSION
}
```

```
<NO_PARSE> TOKEN :
{
  <TERSE_COMMENT_END : "-->" | "--]">
  {
     if (noparseTag.equals("-->")) {
   boolean squareBracket = matchedToken.image.endsWith("]");
   if ((altDirectiveSyntax && squareBracket) || (!altDirectiveSyntax && !squareBracket))
     SwitchTo(DEFAULT);
 }
  }
  |
  <MAYBE_END :
     ("<" | "[")
     "/"
      ("#")?
     (["a"-"z", "A"-"Z"])+
     ( " " | "\t" | "\n" | "\r" )*
     (">" | "]")
  >
  {
      StringTokenizer st = new StringTokenizer(image.toString(),
                                    " \t\n\r<>[]/#",
                                    false);
      if (st.nextToken().equals(noparseTag)) {
        SwitchTo(DEFAULT);
      }
  }
  |
  <KEEP_GOING : (~["<", "[", "-"])+>
  |
  <LONE_LESS_THAN_OR_DASH : ["<", "[", "-"]>
}

// Now the actual parsing code, starting
// with the productions for FreeMarker's
// expression syntax.

/**
* This is the same as OrExpression, since
* the OR is the operator with the lowest
* precedence.
*/

Expression Expression() :
{
  Expression exp;
```

```
}
{
  exp=OrExpression()
  {
    return exp;
  }
}

/**
* Lowest level expression, a literal, a variable,
* or a possibly more complex expression bounded
* by parentheses.
*/
Expression PrimaryExpression() :
{
  Expression
 exp;
}
{
  (
    exp=NumberLiteral()
    |
    exp=HashLiteral()
    |
    exp=StringLiteral(true)
    |
    exp=BooleanLiteral()
    |
    exp=ListLiteral()
    |
    exp=Identifier()
    |
    exp=Parenthesis()
    |
    exp=BuiltinVariable()
 )
 (
    LOOKAHEAD(<DOT>
            |<OPEN_BRACKET>
            |<OPEN_PAREN>
            |<BUILT_IN>
            |<EXCLAM>
  |<TERMINATING_EXCLAM>
            |<EXISTS>)
    exp=AddSubExpression(exp)
 )*
 {
   return exp;
```

```
 }
}

Expression Parenthesis() :
{
  Expression exp, result;
  Token start, end;
}
{
   start=<OPEN_PAREN>
   exp=Expression()
   end=<CLOSE_PAREN>
   {
      result = new ParentheticalExpression(exp);
      result.setLocation(template, start, end);
      return result;
   }
}

/**
* A primary expression preceded by zero or
* more unary operators. (The only unary operator we
* currently have is the NOT.)
*/
Expression UnaryExpression() :
{
  Expression
 exp, result;
  boolean haveNot = false;
  Token t = null, start=null;
}
{
 (
  result=UnaryPlusMinusExpression()
  |
  result=NotExpression()
  |
  result=PrimaryExpression()
 )
 {
    return result;
 }
/*
  (
    t=<EXCLAM>
    {
       haveNot = !haveNot;
       if (start == null)
```

```
        start = t;
    }
  )*
  exp=PrimaryExpression()
  {
    result = exp;
    if (haveNot) {
        booleanLiteralOnly(exp);
        result = new NotExpression(exp);
        result.setLocation(template, start, exp);
    }
    return result;
  }
*/
}

Expression NotExpression() :
{
  Token t;
  Expression exp, result=null;
  ArrayList nots = new ArrayList();
}
{
  (
    t=<EXCLAM> {nots.add(t);}
  )+
  exp=PrimaryExpression()
  {
    for (int i=0; i<nots.size(); i++) {
      result = new NotExpression(exp);
      Token tok = (Token) nots.get(nots.size() -i -1);
      result.setLocation(template, tok, exp);
      exp = result;
     }
    return result;
  }
}

Expression UnaryPlusMinusExpression() :
{
  Expression exp, result;
  boolean isMinus = false;
  Token t;
}
{
  (
    t=<PLUS>
    |
```

```
    t=<MINUS> {isMinus = true;}
  )
  exp=PrimaryExpression()
  {
    result = new UnaryPlusMinusExpression(exp, isMinus);
    result.setLocation(template, t, exp);
    return result;
  }
}

Expression AdditiveExpression() :
{
  Expression lhs, rhs, result;
  boolean plus;
}
{
  lhs=MultiplicativeExpression() {result = lhs;}
  (
    LOOKAHEAD(<PLUS>|<MINUS>)
    (
      (
        <PLUS> {plus = true;}
        |
        <MINUS> {plus = false;}
      )
    )
    rhs=MultiplicativeExpression()
    {
      if (plus) {
        // plus is treated separately, since it is also
        // used for concatenation.
          result = new AddConcatExpression(lhs, rhs);
      }
      else {
          numberLiteralOnly(lhs);
          numberLiteralOnly(rhs);

    result = new ArithmeticExpression(lhs,
                                      rhs,
                                      ArithmeticExpression.SUBSTRACTION);
      }
      result.setLocation(template, lhs, rhs);
      lhs = result;
    }
  )*
  {
    return result;
  }
```

```
}

/**
* A unary expression followed by zero or more
* unary expressions with operators in between.
*/
Expression MultiplicativeExpression() :
{
  Expression lhs, rhs, result;
  int operation = ArithmeticExpression.MULTIPLICATION;
}
{
  lhs=UnaryExpression() {result = lhs;}
  (
    LOOKAHEAD(<TIMES>|<DIVIDE>|<PERCENT>)
    (
      (
        <TIMES> {operation = ArithmeticExpression.MULTIPLICATION;}
        |
        <DIVIDE> {operation = ArithmeticExpression.DIVISION;}
        |
        <PERCENT>{operation = ArithmeticExpression.MODULUS;}
      )
    )
    rhs=UnaryExpression()
    {
        numberLiteralOnly(lhs);
        numberLiteralOnly(rhs);
        result =
 new ArithmeticExpression(lhs, rhs, operation);
        result.setLocation(template, lhs, rhs);
        lhs = result;
    }
  )*
  {
    return result;
  }
}


Expression EqualityExpression() :
{
  Expression lhs, rhs, result;
  Token t;
}
{
  lhs=RelationalExpression() {result = lhs;}
  [
```

```
    LOOKAHEAD(<NOT_EQUALS>|<EQUALS>|<DOUBLE_EQUALS>)
    (
     t=<NOT_EQUALS>
     |
     t=<EQUALS>
     |
     t=<DOUBLE_EQUALS>
    )
    rhs=RelationalExpression()
    {
      notHashLiteral(lhs, "scalar");
      notHashLiteral(rhs, "scalar");
      notListLiteral(lhs, "scalar");
      notListLiteral(rhs, "scalar");
      result = new ComparisonExpression(lhs, rhs, t.image);
      result.setLocation(template, lhs, rhs);
    }
  ]
  {
    return result;
  }
}

Expression RelationalExpression() :
{
  Expression lhs, rhs, result;
  Token t;
}
{
  lhs=RangeExpression() {result = lhs;}
  [
LOOKAHEAD(<NATURAL_GTE>|<ESCAPED_GTE>|<NATURAL_GT>|<ESCAPED_GT>|<LESS_THAN_E
QUALS>|<LESS_THAN_EQUALS>|<LESS_THAN>)
    (
     t=<NATURAL_GTE>
     |
     t=<ESCAPED_GTE>
     |
     t=<NATURAL_GT>
     |
     t=<ESCAPED_GT>
     |
     t=<LESS_THAN_EQUALS>
     |
     t=<LESS_THAN>
    )
    rhs=RangeExpression()
    {
```

```
      notHashLiteral(lhs, "scalar");
      notHashLiteral(rhs, "scalar");
      notListLiteral(lhs, "scalar");
      notListLiteral(rhs, "scalar");
      notStringLiteral(lhs, "number");
      notStringLiteral(rhs, "number");
      result = new ComparisonExpression(lhs, rhs, t.image);
      result.setLocation(template, lhs, rhs);
    }
  ]
  {
    return result;
  }
}

Expression RangeExpression() :
{
  Expression lhs, rhs=null, result;
}
{
  lhs=AdditiveExpression() {result = lhs;}
  [
    LOOKAHEAD(<DOT_DOT>)
    <DOT_DOT>
     [
      LOOKAHEAD(Expression())
      rhs=AdditiveExpression()
     ]
     {
        numberLiteralOnly(lhs);
        if (rhs != null) {

         numberLiteralOnly(rhs);
        }
        Range range = new Range(lhs, rhs);
        if (rhs != null) {
           range.setLocation(template, lhs, rhs);
        } else {
          range.setLocation(template, lhs, lhs);
        }
        result = range;
     }
  ]
  {
      return result;
  }
}
```

```
Expression AndExpression() :
{
  Expression lhs, rhs, result;
}
{
  lhs=EqualityExpression() {result = lhs;}
  (
    LOOKAHEAD(<AND>)
    <AND>
    rhs=EqualityExpression()
    {
      booleanLiteralOnly(lhs);
      booleanLiteralOnly(rhs);
      result = new AndExpression(lhs, rhs);
      result.setLocation(template, lhs, rhs);
      lhs = result;
    }
  )*
  {
    return result;
  }
}

Expression OrExpression() :
{
  Expression lhs, rhs, result;
}
{
  lhs=AndExpression() {result = lhs;}
  (
   LOOKAHEAD(<OR>)
    <OR>
    rhs=AndExpression()
    {
      booleanLiteralOnly(lhs);
      booleanLiteralOnly(rhs);
       result = new OrExpression(lhs, rhs);
      result.setLocation(template, lhs, rhs);
      lhs = result;
    }
  )*
  {
    return result;
  }
}
```

```
ListLiteral ListLiteral() :
{
  ArrayList values = new ArrayList();
  Token begin, end;
}
{
   begin=<OPEN_BRACKET>
   values=PositionalArgs()
   end=<CLOSE_BRACKET>
   {
       ListLiteral result = new ListLiteral(values);
       result.setLocation(template, begin, end);
       return result;
   }
}

Expression NumberLiteral() :
{
  Token op = null, t;
}
{
  (
     t=<INTEGER>
     |
     t=<DECIMAL>
  )
  {
      String s = t.image;
      Expression result = new NumberLiteral(template.getArithmeticEngine().toNumber(s));
      Token startToken = (op != null) ? op : t;
      result.setLocation(template, startToken, t);
      return result;
  }
}

Identifier Identifier() :
{
   Token t;
}
{
   t=<ID>
   {
       Identifier id = new Identifier(t.image);
       id.setLocation(template,
 t, t);
       return id;
   }
```

```
}

Expression IdentifierOrStringLiteral() :
{
  Expression exp;
}
{
  (
    exp=Identifier()
    |
    exp=StringLiteral(false)
  )
  {
    return exp;
  }
}

BuiltinVariable BuiltinVariable() :
{
  Token dot, name;
}
{
  dot=<DOT>
  name=<ID>
  {
    BuiltinVariable result = null;
    try {
        result = new BuiltinVariable(name.image);
    } catch (ParseException pe) {
        pe.lineNumber = dot.beginLine;
        pe.columnNumber = dot.beginColumn;
        throw pe;
    }
    result.setLocation(template, dot, name);
    return result;
  }
}

/**
* Production that builds up an expression
* using the dot or dynamic key name
* or the args list if this is a method invocation.
*/
Expression AddSubExpression(Expression exp) :
{
  Expression result = null;
}
{
```

```
   (
     result=DotVariable(exp)
     |
     result=DynamicKey(exp)
     |
     result=MethodArgs(exp)
     |
     result=BuiltIn(exp)
      |
     result=DefaultTo(exp)
     |
     result=Exists(exp)
   )
   {
      return result;
   }
}

Expression DefaultTo(Expression exp) :
{
  Expression rhs = null;
  Token t;
}
{
  (
    t=<TERMINATING_EXCLAM>
    |
    (
      t=<EXCLAM>
      [
        LOOKAHEAD(Expression())
          rhs=Expression()
      ]
    )
  )
  {
    DefaultToExpression result = new DefaultToExpression(exp, rhs);
    if (rhs ==null) {
        result.setLocation(template, exp, t);
    }
    else {
        result.setLocation(template, exp, rhs);
    }
    return result;
  }
}

Expression Exists(Expression exp) :
```

```
{
  Token t;
}
{
  t=<EXISTS>
  {
      ExistsExpression result = new ExistsExpression(exp);
      result.setLocation(template, exp, t);
      return result;
  }
}

Expression BuiltIn(Expression exp) :
{
  Token t=null;
}
{
  <BUILT_IN>
  t=<ID>
  {
      BuiltIn result = null;
      try {
          result = BuiltIn.newBuiltIn(exp,
 t.image, t, templateName);
      } catch (ParseException pe) {
          pe.lineNumber = t.beginLine;
          pe.columnNumber = t.beginColumn;
          throw pe;
      }
      result.setLocation(template, exp, t);
      return result;
  }
}


/**
* production for when a key is specified by <DOT> + keyname
*/
Expression DotVariable(Expression exp) :
{
 Token t;
}
{
    <DOT>
    (
       t=<ID> | t=<TIMES> | t=<DOUBLE_STAR>
       |
       (
```

```
        t=<LESS_THAN>
      | t=<LESS_THAN_EQUALS>
      | t=<ESCAPED_GT>
      | t=<ESCAPED_GTE>
      | t=<FALSE>
      | t=<TRUE>
      | t=<IN>
      | t=<AS>
      | t=<USING>
     )
     {
        if (!Character.isLetter(t.image.charAt(0))) {
           String msg = getErrorStart(t)
                    + "\n" + t.image + " is not a valid identifier.";
           throw new ParseException(msg, t.beginLine, t.beginColumn);
        }
     }
   )
    {
      notListLiteral(exp, "hash");
      notStringLiteral(exp, "hash");
      notBooleanLiteral(exp, "hash");
      Dot dot = new Dot(exp, t.image);
      dot.setLocation(template, exp, t);
      return dot;
   }
}

/**
* production for when the key is specified
* in brackets.
*/
Expression DynamicKey(Expression exp) :
{
  Expression arg;
  Token t;
}
{
  <OPEN_BRACKET>
  arg=Expression()
  t=<CLOSE_BRACKET>
  {
     notBooleanLiteral(exp, "list or hash");
     notNumberLiteral(exp, "list or hash");
     DynamicKeyName dkn = new DynamicKeyName(exp, arg);
     dkn.setLocation(template, exp, t);
     return dkn;
  }
```

```
}

/**
* production for an arglist part of a method invocation.
*/
MethodCall MethodArgs(Expression exp) :
{
   ArrayList args = new ArrayList();
   Token end;
}
{
   <OPEN_PAREN>
   args=PositionalArgs()
   end=<CLOSE_PAREN>
   {
      args.trimToSize();
      MethodCall result = new MethodCall(exp, args);

     result.setLocation(template, exp, end);
      return result;
   }
}

StringLiteral StringLiteral(boolean interpolate) :
{
 Token t;
 boolean raw = false;
}
{
  (
   t=<STRING_LITERAL>
   |
   t=<RAW_STRING> {raw = true;}
  )
  {
     String s = t.image;
     // Get rid of the quotes.
     s = s.substring(1, s.length() -1);
     if (raw) {
         s=s.substring(1);
     }
     else try {
        s = StringUtil.FTLStringLiteralDec(s);
     } catch (ParseException pe) {
        pe.lineNumber = t.beginLine;
        pe.columnNumber = t.beginColumn;
        throw pe;
     }
```

```
    StringLiteral result = new StringLiteral(s);
    result.setLocation(template, t, t);
    if (interpolate && !raw) {
      if (t.image.indexOf("${") >=0 || t.image.indexOf("#{") >=0)
        result.checkInterpolation();
    }
    return result;
  }
}

Expression BooleanLiteral() :
{
  Token t;
  Expression result;
}
{
  (
    t=<FALSE> {result
 = new BooleanLiteral(false);}
    |
    t=<TRUE> {result = new BooleanLiteral(true);}
  )
  {
    result.setLocation(template, t, t);
    return result;
  }
}


HashLiteral HashLiteral() :
{
  Token begin, end;
  Expression key, value;
  ArrayList keys = new ArrayList();
  ArrayList values = new ArrayList();
}
{
  begin=<OPEN_BRACE>
  [
    key=Expression()
    (<COMMA>|<COLON>)
    value=Expression()
    {
      stringLiteralOnly(key);
      keys.add(key);
      values.add(value);
    }
    (
```

```
        <COMMA>
         key=Expression()
         (<COMMA>|<COLON>)
         value=Expression()
         {
            stringLiteralOnly(key);
            keys.add(key);
            values.add(value);
         }
      )*
  ]
  end=<CLOSE_BRACE>
  {
    HashLiteral result = new HashLiteral(keys, values);
    result.setLocation(template, begin, end);
    return result;
  }
}

/**
* A production representing the
 ${...}
* that outputs a variable.
*/
DollarVariable StringOutput() :
{
  Expression exp;
  Token begin, end;
}
{
  begin=<OUTPUT_ESCAPE>
  exp=Expression()
  {
    notHashLiteral(exp, "scalar");
    notListLiteral(exp, "scalar");
    notBooleanLiteral(exp, "scalar");
  }
  end=<CLOSE_BRACE>
  {
    DollarVariable result = new DollarVariable(exp, escapedExpression(exp));
    result.setLocation(template, begin, end);
    return result;
  }
}

NumericalOutput NumericalOutput() :
{
  Expression exp;
```

```
  Token fmt = null, begin, end;
}
{
  begin=<NUMERICAL_ESCAPE>
  exp=Expression() {numberLiteralOnly(exp);}
  [
    <SEMICOLON>
    fmt=<ID>
  ]
  end=<CLOSE_BRACE>
  {
    NumericalOutput result;
    if (fmt != null) {
      int minFrac = -1;  // -1 indicates that the value has not been set
      int maxFrac = -1;

      StringTokenizer st = new StringTokenizer(fmt.image, "mM", true);
      char type = '-';
      while (st.hasMoreTokens())
 {
          String token = st.nextToken();
          try {
            if (type != '-') {
                switch (type) {
                case 'm':
                  if (minFrac != -1) throw new ParseException("invalid formatting string", fmt.beginLine,
fmt.beginColumn);
                  minFrac = Integer.parseInt(token);
                  break;
                case 'M':
                  if (maxFrac != -1) throw new ParseException("invalid formatting string", fmt.beginLine,
fmt.beginColumn);
                  maxFrac = Integer.parseInt(token);
                  break;
                default:
                  throw new ParseException();
                }
                type = '-';
            } else if (token.equals("m")) {
              type = 'm';
            } else if (token.equals("M")) {
              type = 'M';
            } else {
              throw new ParseException();

          }
          }
          catch (ParseException e) {
```

```
            String msg = getErrorStart(fmt)
                + "\nInvalid format specifier "
                + fmt.image;
            throw new ParseException(msg, fmt.beginLine, fmt.beginColumn);
          }
          catch (NumberFormatException e) {
            String msg = getErrorStart(fmt)
                + "\nInvalid number in the format specifier "
                + fmt.image;
            throw new ParseException(msg, fmt.beginLine, fmt.beginColumn);
          }
        }

        if (maxFrac == -1) {
          if (minFrac == -1) {
            String msg = getErrorStart(fmt)
                + "\nInvalid format specification, at least one of m and M must be specified!";
            throw new ParseException(msg, fmt.beginLine, fmt.beginColumn);
          }
          maxFrac = minFrac;
        } else if (minFrac == -1) {
          minFrac = 0;
         }
        if (minFrac > maxFrac) {
          String msg = getErrorStart(fmt)
              + "\nInvalid format specification, min cannot be greater than max!";
          throw new ParseException(msg, fmt.beginLine, fmt.beginColumn);
        }
        if (minFrac > 50 || maxFrac > 50) {// sanity check
            String msg = getErrorStart(fmt)
            + "\nCannot specify more than 50 fraction digits";
          throw new ParseException(msg, fmt.beginLine, fmt.beginColumn);
        }
        result = new NumericalOutput(exp, minFrac, maxFrac);
      } else {  // if format != null
        result = new NumericalOutput(exp);
      }
      result.setLocation(template, begin, end);
      return result;
    }
  }

  TemplateElement If() :
  {
    Token start, end, t;
    Expression condition;
    TemplateElement block;
    IfBlock ifBlock;
```

```
  ConditionalBlock cblock;
}
{
 start=<IF>
 condition=Expression()
 <DIRECTIVE_END>
 block=OptionalBlock()
 {

 cblock = new ConditionalBlock(condition, block, true);
   cblock.setLocation(template, start, block);
   ifBlock = new IfBlock(cblock);
 }
 (
    t=<ELSE_IF>
    condition=Expression()
    LooseDirectiveEnd()
    block=OptionalBlock()
    {
      cblock = new ConditionalBlock(condition, block, false);
      cblock.setLocation(template, t, block);
      ifBlock.addBlock(cblock);
    }
 )*
 [
      t=<ELSE>
      block=OptionalBlock()
      {
        cblock = new ConditionalBlock(null, block, false);
        cblock.setLocation(template, t, block);
        ifBlock.addBlock(cblock);
      }
 ]
 end=<END_IF>
 {
    ifBlock.setLocation(template, start, end);
    return ifBlock;
 }
}

AttemptBlock Attempt() :
{
 Token start, end;
 TemplateElement block, recoveryBlock;
}
{
 start=<ATTEMPT>
 block=OptionalBlock()
```

```
  recoveryBlock=Recover()
  (
    end=<END_RECOVER>
    |
    end=<END_ATTEMPT>
  )
   {
    AttemptBlock result = new AttemptBlock(block, recoveryBlock);
    result.setLocation(template, start, end);
    return result;
  }
}

RecoveryBlock Recover() :
{
  Token start;
  TemplateElement block;
}
{
  start=<RECOVER>
  block=OptionalBlock()
  {
    RecoveryBlock result = new RecoveryBlock(block);
    result.setLocation(template, start, block);
    return result;
  }
}

IteratorBlock List() :
{
   Expression exp;
   Token index, start, end;
   TemplateElement block;
}
{
  start=<LIST> {++loopNesting;}
  exp=Expression()
  <AS>
  index=<ID>
  <DIRECTIVE_END>
  block=OptionalBlock()
  end=<END_LIST>
  {
   --loopNesting;
   IteratorBlock result = new IteratorBlock(exp,
                                            index.image,
                                            block,
                                            false);
```

```
    result.setLocation(template, start, end);
    return result;
  }
}

IteratorBlock ForEach() :
{

 Expression exp;
    Token index, start, end;
    TemplateElement block;
}
{
  start=<FOREACH> {++loopNesting;}
  index=<ID>
  <IN>
  exp=Expression()
  <DIRECTIVE_END>
  block=OptionalBlock()
  end=<END_FOREACH>
  {
    --loopNesting;
    IteratorBlock result = new IteratorBlock(exp,
                                             index.image,
                                             block,
                                             true);
    result.setLocation(template, start, end);
    return result;
  }
}

VisitNode Visit() :
{
  Token start, end;
  Expression targetNode, namespaces=null;
}
{
  start=<VISIT>
  targetNode=Expression()
  [
      <USING>
      namespaces=Expression()
  ]
  end=LooseDirectiveEnd()
  {
      VisitNode result = new VisitNode(targetNode, namespaces);
      result.setLocation(template, start, end);
      return result;
```

```
  }
}

RecurseNode Recurse() :
{
  Token start, end = null;
  Expression node=null, namespaces=null;
}
{
   (
     start=<SIMPLE_RECURSE>
     |
     (
        start=<RECURSE>
        [
           node=Expression()
        ]
        [
           <USING>
           namespaces=Expression()
        ]
        end=LooseDirectiveEnd()
     )
  )
  {
      if (end == null) end = start;
      RecurseNode result = new RecurseNode(node, namespaces);
      result.setLocation(template, start, end);
      return result;
  }
}

FallbackInstruction FallBack() :
{
  Token tok;
}
{
  tok=<FALLBACK>
  {
     if (!inMacro) {
         throw new ParseException(getErrorStart(tok)
                          + "\nCannot fall back "
       + " outside a macro.",
                               tok.beginLine, tok.beginColumn);

     }
     FallbackInstruction result = new FallbackInstruction();
     result.setLocation(template, tok, tok);
```

```
    return result;
  }
}

/**
* Production used to break out of a loop or a switch block.
*/
BreakInstruction Break() :
{
  Token start;
}
{
   start=<BREAK>
  {
    if (loopNesting < 1 && switchNesting <1)
    {
      String msg = getErrorStart(start) + "\n"
                + start.image
                + " occurred outside a loop or a switch block.";
      throw new ParseException(msg, start.beginLine, start.beginColumn);
    }
    BreakInstruction result = new BreakInstruction();
    result.setLocation(template, start, start);
    return result;
  }
}

/**
* Production used to jump out of a macro.
* The stop instruction terminates the rendering of the template.
*/
ReturnInstruction Return() :
{
  Token start, end=null;
  Expression exp = null;
}
{
  (
    start=<SIMPLE_RETURN>{end = start;}
    |
    start=<RETURN> exp=Expression() end=LooseDirectiveEnd()
  )
  {
    if (inMacro) {
      if (exp != null) {
        String msg = getErrorStart(start)
                  + "\nA macro cannot return a value";
        throw new ParseException(msg,
```

```
 start.beginLine, start.beginColumn);
        }
      }
      else if (inFunction) {
        if (exp == null) {
          String msg = getErrorStart(start)
                    + "\nA function must return a value";
          throw new ParseException(msg, start.beginLine, start.beginColumn);
        }
      }
      else {
        if (exp == null) {
          String msg = getErrorStart(start)
                    + "\nA return instruction can only occur inside a macro of function";
          throw new ParseException(msg, start.beginLine, start.beginColumn);
        }
      }
      ReturnInstruction result = new ReturnInstruction(exp);
      result.setLocation(template, start, end);
      return result;
  }
}

StopInstruction Stop() :
{
  Token start = null;
  Expression exp = null;
}
{
   (
     start=<HALT>
     |
     start=<STOP> exp=Expression() LooseDirectiveEnd()
   )
   {
      StopInstruction result = new StopInstruction(exp);
      result.setLocation(template,
 start, start);
      return result;
   }
}

TemplateElement Nested() :
{
 Token t, end;
 ArrayList bodyParameters;
 BodyInstruction result = null;
}
```

```
{
 (
   (
     t=<SIMPLE_NESTED>
     {
       result = new BodyInstruction(null);
       result.setLocation(template, t, t);
     }
   )
   |
   (
      t=<NESTED>
      bodyParameters=PositionalArgs()
      end=LooseDirectiveEnd()
      {
        result = new BodyInstruction(bodyParameters);
        result.setLocation(template, t, end);
      }
   )
 )
 {
    if (!inMacro) {
      throw new ParseException(getErrorStart(t)
                        + "\nCannot use a "
     + t.image
     + " instruction outside a macro.",
                              t.beginLine, t.beginColumn);
    }
    return result;
 }
}

TemplateElement Flush() :
{
 Token t;
}
{
  t=<FLUSH>
  {
    FlushInstruction result = new FlushInstruction();
     result.setLocation(template, t, t);
    return result;
  }
}

TemplateElement Trim() :
{
 Token t;
```

```
 TrimInstruction result=null;
}
{
  (
    t=<TRIM> {result = new TrimInstruction(true, true);}
    |
    t=<LTRIM> {result = new TrimInstruction(true, false);}
    |
    t=<RTRIM> {result = new TrimInstruction(false, true);}
    |
    t=<NOTRIM> {result = new TrimInstruction(false, false);}
  )
  {
      result.setLocation(template, t, t);
      return result;
  }
}


TemplateElement Assign() :
{
  Token start, end;
  int scope;
  Token id=null;
  Expression nameExp, exp, nsExp=null;
  String varName;
  ArrayList assignments = new ArrayList();
  Assignment ass;
  TemplateElement block;
}
{
   (
     start=<ASSIGN> {scope = Assignment.NAMESPACE;}
     |
     start=<GLOBALASSIGN>{scope = Assignment.GLOBAL;}
     |
     start=<LOCALASSIGN> {scope = Assignment.LOCAL;}
     {
        scope = Assignment.LOCAL;
        if (!inMacro && !inFunction)
 {
           String msg = getErrorStart(start)
                    + "\nLocal variable assigned outside a macro.";
           throw new ParseException(msg, start.beginLine, start.beginColumn);
        }
     }
   )
   nameExp=IdentifierOrStringLiteral()
```

```
  {
    varName = (nameExp instanceof StringLiteral) ? ((StringLiteral) nameExp).getAsString() : nameExp.toString();
  }
  ((
    <EQUALS>
    exp=Expression()
    {
      ass = new Assignment(varName, exp, scope);
      ass.setLocation(template, nameExp, exp);
      assignments.add(ass);
    }
    (
     LOOKAHEAD([<COMMA>](<ID>|<STRING_LITERAL>)<EQUALS>)
       [<COMMA>]
       nameExp=IdentifierOrStringLiteral()
       {
         varName = (nameExp instanceof StringLiteral) ? ((StringLiteral) nameExp).getAsString() :
nameExp.toString();
       }
       <EQUALS>
       exp=Expression()
       {
         ass = new Assignment(varName,
 exp, scope);
         ass.setLocation(template, nameExp, exp);
         assignments.add(ass);
       }
    )*
    [
      id=<IN>
      nsExp=Expression() {if (scope != Assignment.NAMESPACE) throw new ParseException(getErrorStart(id) +
"\nCannot assign to namespace here.", id.beginLine, id.beginColumn);}
    ]
    end=LooseDirectiveEnd()
    {
       AssignmentInstruction ai = new AssignmentInstruction(scope);
       for (int i = 0; i< assignments.size(); i++) {
           ai.addAssignment((Assignment) assignments.get(i));
       }
       ai.setNamespaceExp(nsExp);
       ai.setLocation(template, start, end);
       return ai;
    }
  )
  |
  (
    [
      id=<IN>
```

```
        nsExp=Expression() {if (scope != Assignment.NAMESPACE) throw new ParseException(getErrorStart(id) +
"\nCannot assign to namespace here.", id.beginLine, id.beginColumn);}
      ]
      <DIRECTIVE_END>
      block=OptionalBlock()
       (
        end=<END_LOCAL> {if (scope != Assignment.LOCAL) throw new ParseException(getErrorStart(end) +
"\nMismatched assignment tags.", end.beginLine, end.beginColumn);}
        |
        end=<END_ASSIGN> {if (scope != Assignment.NAMESPACE) throw new
ParseException(getErrorStart(end) + "\nMismatched assignment tags.", end.beginLine, end.beginColumn);}
        |
        end=<END_GLOBAL> {if (scope != Assignment.GLOBAL) throw new ParseException(getErrorStart(end) +
"\nMismatched assignment tags", end.beginLine, end.beginColumn);}
      )
      {
        BlockAssignment ba = new BlockAssignment(block, varName, scope, nsExp);
        ba.setLocation(template, start, end);
        return ba;
      }
   ))
}

Include Include() :
{
  Expression nameExp;
  Token att, start, end;
  Expression exp, parseExp = null, encodingExp = null;
}
{
   start=<INCLUDE>
   nameExp=Expression()
   [<SEMICOLON>]
   (
   att=<ID>
   <EQUALS>
   exp=Expression()
   {

   String attString = att.image;
      if (attString.equalsIgnoreCase("parse")) {
        parseExp = exp;
      }
      else if (attString.equalsIgnoreCase("encoding")) {
        encodingExp = exp;
      }
      else {
         String msg = getErrorStart(att)
```

```
            + "\nexpecting parse= or encoding= to be specified.";
        throw new ParseException(msg, att.beginLine, att.beginColumn);
      }
    }
  )*
    end=LooseDirectiveEnd()
    {
      Include result = new Include(template, nameExp, encodingExp, parseExp);
      result.setLocation(template, start, end);
      return result;
    }
}

LibraryLoad Import() :
{
  Token start, end, ns;
  Expression nameExp;
}
{
  start=<IMPORT>
  nameExp=Expression()
  <AS>
  ns=<ID>
  end=LooseDirectiveEnd()
  {
      LibraryLoad result = new LibraryLoad(template, nameExp, ns.image);
      result.setLocation(template, start, end);
      template.addImport(result);
      return result;
  }
}

Macro Macro() :
{
  Token
 arg, start, end;
  Expression nameExp;
  String name;
  ArrayList argNames = new ArrayList();
  HashMap args = new HashMap();
  ArrayList defNames = new ArrayList();
  Expression defValue=null;
  TemplateElement block;
  boolean isFunction = false, hasDefaults=false;
  boolean isCatchAll = false;
  String catchAll = null;
}
{
```

```
(
    start=<MACRO>
    |
    start=<FUNCTION> {isFunction = true;}
)
{
   if (inMacro || inFunction) {
     throw new ParseException(getErrorStart(start)
                + "\nMacros cannot be nested.", start.beginLine, start.endLine);
   }
   if (isFunction) inFunction = true; else inMacro = true;
}
nameExp=IdentifierOrStringLiteral()
{
   name = (nameExp instanceof StringLiteral) ? ((StringLiteral) nameExp).getAsString() : nameExp.toString();
}
[<OPEN_PAREN>]
(
      arg=<ID> {defValue = null;}
      [<ELLIPSIS> { isCatchAll = true; }]
      [
        <EQUALS>

     defValue=Expression()
        {
          defNames.add(arg.image);
    hasDefaults = true;
        }
      ]
      [<COMMA>]
{
      if (catchAll != null) {
          throw new ParseException(getErrorStart(arg)
            + "\nThere may only be one \"catch-all\" parameter in a macro declaration, "
            + "and it must be the last parameter.", arg.beginLine, arg.endLine);
      }
      if (isCatchAll) {
          if (defValue != null) {
              throw new ParseException(getErrorStart(arg)
                + "\n\"Catch-all\" macro parameter may not have a default value.",
                arg.beginLine, arg.endLine);
          }
          catchAll = arg.image;
      } else {
          argNames.add(arg.image);
          if (hasDefaults && defValue == null) {
              throw new ParseException(getErrorStart(arg)
                + "\nIn a macro declaration, parameters without a
```

```
 default value "
                + "must all occur before the parameters with default values.",
                arg.beginLine, arg.endLine);
            }
            args.put(arg.image, defValue);
        }
  }
  )*
  [<CLOSE_PAREN>]
  <DIRECTIVE_END>
  block=OptionalBlock()
  (
     end=<END_MACRO> { if(isFunction) throw new ParseException(getErrorStart(start) + "\nExpected function
end tag here.", start.beginLine, start.endLine); }
     |
     end=<END_FUNCTION> { if(!isFunction) throw new ParseException(getErrorStart(start) + "\nExpected
macro end tag here.", start.beginLine, start.endLine); }
  )
  {
    inMacro = inFunction = false;
    Macro result = new Macro(name, argNames, args, block);
    result.setCatchAll(catchAll);
    result.isFunction = isFunction;
    result.setLocation(template, start, end);
    template.addMacro(result);
    return result;
  }
}


CompressedBlock Compress() :
{
  TemplateElement block;

  Token start, end;
}
{
  start=<COMPRESS>
  block=OptionalBlock()
  end=<END_COMPRESS>
  {
    CompressedBlock cb = new CompressedBlock(block);
    cb.setLocation(template, start, end);
    return cb;
  }
}

TemplateElement UnifiedMacroTransform() :
```

```
{
  Token start=null, end, t;
  HashMap namedArgs = null;
  ArrayList positionalArgs = null, bodyParameters = null;
  String directiveName = null;
  TemplateElement nestedBlock = null;
  Expression exp;
}
{
   start=<UNIFIED_CALL>
   exp=Expression()
   {
       if (exp instanceof Identifier || (exp instanceof Dot && ((Dot) exp).onlyHasIdentifiers())) {
    directiveName = exp.getCanonicalForm();
 }
   }
   [<TERMINATING_WHITESPACE>]
   (
      LOOKAHEAD(<ID><EQUALS>)
      namedArgs = NamedArgs()
      |
      positionalArgs=PositionalArgs()
   )
   [
      <SEMICOLON>{bodyParameters = new ArrayList();}
      [
         [<TERMINATING_WHITESPACE>]t=<ID> {bodyParameters.add(t.image);}
         (

            [<TERMINATING_WHITESPACE>]<COMMA>
            [<TERMINATING_WHITESPACE>]t = <ID>{bodyParameters.add(t.image);}
         )*
      ]
   ]
   (
     end=<EMPTY_DIRECTIVE_END>
     |
     (
       <DIRECTIVE_END>
 nestedBlock=OptionalBlock()
 end=<UNIFIED_CALL_END>
 {
    String s = end.image.substring(3);
    s = s.substring(0, s.length() -1).trim();
    if (s.length() >0 && !s.equals(directiveName)) {
            String msg = getErrorStart(end);
       if (directiveName == null) {
                throw new ParseException(msg + "\nExpecting </@>", end.beginLine, end.beginColumn);
```

```
      }
      else {
         throw new ParseException(msg + "\nExpecting </@> or </@" + directiveName + ">", end.beginLine,
end.beginColumn);
      }
    }
 }
    )
  )
  {
     TemplateElement result = (positionalArgs != null) ? new UnifiedCall(exp, positionalArgs, nestedBlock,
bodyParameters)
                                  : new UnifiedCall(exp, namedArgs,
 nestedBlock, bodyParameters);
     result.setLocation(template, start, end);
     return result;
  }
}

TemplateElement Call() :
{
  Token start, end, id;
  HashMap namedArgs = null;
  ArrayList positionalArgs = null;
  String macroName= null;
}
{
  start=<CALL>
  id=<ID> {macroName = id.image;}
  (
     LOOKAHEAD(<ID><EQUALS>)
     namedArgs=NamedArgs()
     |
     (
       [
    LOOKAHEAD(<OPEN_PAREN>)
       <OPEN_PAREN>
  ]
  positionalArgs=PositionalArgs()
  [<CLOSE_PAREN>]
     )
  )
  end=LooseDirectiveEnd()
  {
     UnifiedCall result = null;
     if (positionalArgs != null) {
       result = new UnifiedCall(new Identifier(macroName), positionalArgs, null, null);
     }
```

```
      else {
        result = new UnifiedCall(new Identifier(macroName), namedArgs, null, null);
      }
      result.legacySyntax = true;
      result.setLocation(template, start, end);
      return result;
   }
}

HashMap NamedArgs() :
{
   HashMap result
 = new HashMap();
   Token t;
   Expression exp;
}
{
 (
    t=<ID>
    <EQUALS>
    {
        token_source.SwitchTo(token_source.NAMED_PARAMETER_EXPRESSION);
  token_source.inInvocation = true;
    }
    exp=Expression()
    {
       result.put(t.image, exp);
    }
 )+
 {
     token_source.inInvocation = false;
    return result;
 }
}

ArrayList PositionalArgs() :
{
 ArrayList result = new ArrayList();
 Expression arg;
}
{
 [
     arg=Expression() {result.add(arg);}
     (
        [<COMMA>]
        arg=Expression() {result.add(arg);}
     )*
 ]
```

```
 {
   return result;
 }
}


Comment Comment() :
{
  Token start, end;
  StringBuffer buf = new StringBuffer();
}
{
  (
    start=<COMMENT>
    |
    start=<TERSE_COMMENT>
  )
  end=UnparsedContent(buf)
  {
    Comment result = new Comment(buf.toString());
    result.setLocation(template, start, end);
    return result;
  }
}

TextBlock NoParse() :
{
  Token start, end;
  StringBuffer
 buf = new StringBuffer();
}
{
  start=<NOPARSE>
  end=UnparsedContent(buf)
  {
     TextBlock result = new TextBlock(buf.toString(), true);
     result.setLocation(template, start, end);
     return result;
  }
}


TransformBlock Transform() :
{
  Token start, end, argName;
  Expression exp, argExp;
  TemplateElement content = null;
  HashMap args = null;
```

```
}
{
  start=<TRANSFORM>
  exp=Expression()
  [<SEMICOLON>]
  (
    argName=<ID>
    <EQUALS>
    argExp = Expression()
    {
      if (args == null) args = new HashMap();
      args.put(argName.image, argExp);
    }
  )*
  (
    end=<EMPTY_DIRECTIVE_END>
    |
    (<DIRECTIVE_END>content=OptionalBlock()end=<END_TRANSFORM>)
  )
  {
    TransformBlock result = new TransformBlock(exp, args, content);
    result.setLocation(template, start, end);
    return result;
  }
}

SwitchBlock Switch() :
{
  SwitchBlock switchBlock;
  Case caseIns;
  Expression
 switchExp;
  Token start, end;
  boolean defaultFound = false;
}
{
 start=<SWITCH>
 switchExp=Expression()
 <DIRECTIVE_END>
 {
   ++switchNesting;
   switchBlock = new SwitchBlock(switchExp);
 }
 (
  LOOKAHEAD(2)
  caseIns=Case()
  {
    if (caseIns.isDefault) {
```

```
    if (defaultFound) {
            String msg = getErrorStart(start)
                    + "\nYou can only have one default case in a switch statement";
            throw new ParseException(msg, start.beginLine, start.beginColumn);
    }
    defaultFound = true;
  }
      switchBlock.addCase(caseIns);
    }
  )*
  [<WHITESPACE>]
  end=<END_SWITCH>
  {
    --switchNesting;
    switchBlock.setLocation(template, start, end);
    return switchBlock;
  }
}

Case Case() :
{
  Expression exp = null;
  TemplateElement block;
  boolean isDefault = false;
  Token start;
}
{
  [<WHITESPACE>]
  (
    start=<CASE>exp=Expression()<DIRECTIVE_END>
    |

  start=<DEFAUL>{isDefault = true;}
  )
  block=OptionalBlock()
  {
     Case result = new Case(exp, block, isDefault);
     result.setLocation(template, start, block);
     return result;
  }
}

EscapeBlock Escape() :
{
  Token variable, start, end;
  Expression escapeExpr;
  TemplateElement content;
}
```

```
{
  start=<ESCAPE>
  variable=<ID>
  <AS>
  escapeExpr=Expression()
  <DIRECTIVE_END>
  {
     EscapeBlock result = new EscapeBlock(variable.image, escapeExpr, escapedExpression(escapeExpr));
     escapes.addFirst(result);
  }
  content=OptionalBlock()
  {
     result.setContent(content);
     escapes.removeFirst();
  }
  end=<END_ESCAPE>
  {
    result.setLocation(template, start, end);
    return result;
  }
}

NoEscapeBlock NoEscape() :
{
  Token start, end;
  TemplateElement content;
}
{
  start=<NOESCAPE>
  {
     if(escapes.isEmpty()) {
            String msg = getErrorStart(start)

        + "\nnoescape with no matching escape encountered.";
         throw new ParseException(msg, start.beginLine, start.beginColumn);
     }
     Object escape = escapes.removeFirst();
  }
  content=OptionalBlock()
  end=<END_NOESCAPE>
  {
    escapes.addFirst(escape);
    NoEscapeBlock result = new NoEscapeBlock(content);
    result.setLocation(template, start, end);
    return result;
  }
}
```

```
/**
* Production to terminate potentially empty elements. Either a ">" or "/>"
*/

Token LooseDirectiveEnd() :
{
   Token t;
}
{
  (
     t=<DIRECTIVE_END>
     |
     t=<EMPTY_DIRECTIVE_END>
  )
  {
     return t;
  }
}

PropertySetting Setting() :
{
  Token start, end, key;
  Expression value;
}
{
  start=<SETTING>
  key=<ID>
  <EQUALS>
  value=Expression()
  end=LooseDirectiveEnd()
  {
     PropertySetting result = new PropertySetting(key.image, value);
     result.setLocation(template, start, end);
     return result;
  }
}

/**
* A production
 for FreeMarker directives.
*/
TemplateElement FreemarkerDirective() :
{
  TemplateElement tp;
}
{
  (
    tp=If()
```

|
tp=List()
|
tp=ForEach()
|
tp=Assign()
|
tp=Include()
|
tp=Import()
|
tp=Macro()
|
tp=Compress()
|
tp=UnifiedMacroTransform()
|
tp=Call()
|
tp=Comment()
|
tp=NoParse()
|
tp=Transform()
|
tp=Switch()
|
tp=Setting()
|
tp=Break()
|
tp=Return()
|
tp=Stop()
|
tp=Flush()
|
tp=Trim()
|
tp=Nested()
|
tp=Escape()
|
tp=NoEscape()
|
tp=Visit()
|
tp=Recurse()

```
    |
    tp=FallBack()
    |
    tp=Attempt()
  )
  {
     return tp;
  }
}

/**
* Production for a block of raw text
* i.e. text that contains no
* FreeMarker directives.
*/

TextBlock PCData() :
{
   StringBuffer buf = new StringBuffer();
   Token t=null, start=null,
 prevToken = null;
}
{
   (
     LOOKAHEAD(<WHITESPACE>|<PRINTABLE_CHARS>|<FALSE_ALERT>)
     (
        {prevToken = t;}
        t=<WHITESPACE>
  |
        t=<PRINTABLE_CHARS>
        |
        t=<FALSE_ALERT>
     )
     {
        buf.append(t.image);
        if (start == null) start = t;
        {if (prevToken != null) prevToken.next = null;}
     }
   )+
   {
        if (stripText && contentNesting == 1)
            return TextBlock.EMPTY_BLOCK;

        TextBlock result = new TextBlock(buf.toString(), false);
        result.setLocation(template, start, t);
        return result;
   }
}
```

```
/**
* Production for dealing with unparsed content,
* i.e. what is inside a comment or noparse tag.
* It returns the ending token. The content
* of the tag is put in buf.
*/

Token UnparsedContent(StringBuffer buf) :
{
  Token t;
}
{
  ((t=<KEEP_GOING> | t=<MAYBE_END> | t=<TERSE_COMMENT_END> |
t=<LONE_LESS_THAN_OR_DASH>)
  {
      buf.append(t.image);
  })+
   {
     buf.setLength(buf.length() - t.image.length());
     return t;
  }
}

TemplateElement Content() :
{
   MixedContent nodes = new MixedContent();
   TemplateElement elem, begin=null;
   contentNesting++;
}
{
   (
     LOOKAHEAD(1) // Just tells javacc that we know what we're doing.
     (
        elem=PCData()
        |
        elem=StringOutput()
        |
        elem=NumericalOutput()
        |
        elem=FreemarkerDirective()
     )
     {
          if (begin == null) {
             begin = elem;
          }
          nodes.addElement(elem);
     }
```

```
  )+
  {
      contentNesting--;
      nodes.setLocation(template, begin, elem);
 return nodes;
  }
}

/**
* A production freemarker text that may contain
* ${...} and #{...} but no directives.
*/

TemplateElement FreeMarkerText() :
{
   MixedContent nodes = new MixedContent();
   TemplateElement elem, begin = null;
}
{
  (
    (
      elem=PCData()
      |
      elem=StringOutput()
       |
      elem=NumericalOutput()
    )
    {
       if (begin == null) {
          begin = elem;
       }
       nodes.addElement(elem);
    }
  )+
  {
     nodes.setLocation(template, begin, elem);
     return nodes;
  }
}

/**
* A production for a block of optional content.
* Returns an empty Text block if there is no
* content.
*/

TemplateElement OptionalBlock() :
{
```

```
  TemplateElement tp = TextBlock.EMPTY_BLOCK;
}
{
  [
    LOOKAHEAD(1) // has no effect but to get rid of a spurious warning.
      tp=Content()
  ]
  {
    return tp;
  }
}

void HeaderElement() :
{
  Token key;
  Expression exp = null;
}
{
  [<WHITESPACE>]
  (
    <TRIVIAL_FTL_HEADER>
    |
    (
      <FTL_HEADER>
      (
        key=<ID>
        <EQUALS>
        exp=Expression()
        {
          String ks = key.image;
          TemplateModel value = null;
          try {
            value = exp.getAsTemplateModel(null);

         } catch (Exception e) {
            throw new ParseException("Could not evaluate expression: "
                                     + exp.getCanonicalForm() + " "
                                     + exp.getStartLocation()
                                     + "\nUnderlying cause: " +
                                     e.getMessage(), exp);
          }
      String vs = null;
          if (value instanceof TemplateScalarModel) {
            try {
              vs = ((TemplateScalarModel) exp).getAsString();
            } catch (TemplateModelException tme) {}
          }
          if (template != null) {
```

```
            if (ks.equalsIgnoreCase("encoding")) {
                if (vs == null) {
                    throw new ParseException("expecting encoding string here: "
                                    + exp.getStartLocation(), exp);
                }
                String encoding = template.getEncoding();
                 if (encoding != null && !encoding.equals(vs)) {
                    throw new Template.WrongEncodingException(vs);
                }
            }
            else if (ks.equalsIgnoreCase("STRIP_WHITESPACE")) {
                this.stripWhitespace = getBoolean(exp);
            }
            else if (ks.equalsIgnoreCase("STRIP_TEXT")) {
                this.stripText = getBoolean(exp);
            }
            else if (ks.equalsIgnoreCase("STRICT_SYNTAX")) {
                this.token_source.strictEscapeSyntax = getBoolean(exp);
            }
            else if (ks.equalsIgnoreCase("ns_prefixes")) {
                if (!(value instanceof TemplateHashModelEx)) {
                    throw new ParseException("Expecting a hash of prefixes to namespace URI's here. " +
exp.getStartLocation(), exp);
                }
                TemplateHashModelEx prefixMap = (TemplateHashModelEx)
 value;
                try {
                    TemplateCollectionModel keys = prefixMap.keys();
                    for (TemplateModelIterator it = keys.iterator(); it.hasNext();) {
                        String prefix = ((TemplateScalarModel) it.next()).getAsString();
                        TemplateModel valueModel = prefixMap.get(prefix);
                        if (!(valueModel instanceof TemplateScalarModel)) {
                            throw new ParseException("Non-string value in prefix to namespace hash. " +
exp.getStartLocation(), exp);
                        }
                        String nsURI = ((TemplateScalarModel) valueModel).getAsString();
                        try {
                            template.addPrefixNSMapping(prefix, nsURI);
                        } catch (IllegalArgumentException iae) {
                            throw new ParseException(iae.getMessage() + " "
 + exp.getStartLocation(), exp);
                        }
                    }
                } catch (TemplateModelException tme) {
                }
            }
            else if (ks.equalsIgnoreCase("attributes")) {
                if (!(value instanceof TemplateHashModelEx)) {
```

```
                    throw new ParseException("Expecting a hash of attribute names to values here. " +
exp.getStartLocation(), exp);
                }
                TemplateHashModelEx attributeMap = (TemplateHashModelEx) value;
                try {
                    TemplateCollectionModel keys = attributeMap.keys();
                    for (TemplateModelIterator it = keys.iterator(); it.hasNext();) {
                        String attName = ((TemplateScalarModel) it.next()).getAsString();
                        Object attValue = DeepUnwrap.unwrap(attributeMap.get(attName));
                        template.setCustomAttribute(attName,
 attValue);
                    }
                } catch (TemplateModelException tme) {
                }
            }
            else {
                throw new ParseException("Unknown FTL header parameter: " + key.image,
                                         key.beginLine, key.beginColumn);
            }
        }
      }
    )*
   )
   LooseDirectiveEnd()
  )
}

Map ParamList() :
{
  Identifier id;
  Expression exp;
  Map result = new HashMap();
}
{
  (
    id=Identifier()
    <EQUALS>
    exp=Expression() {result.put(id.toString(), exp);}
    [<COMMA>]
  )+
  {
     return result;
  }
}


/**
* Root production to be used when parsing
```

```
* an entire file.
*/
TemplateElement Root() :
{
  TemplateElement doc;
}
{
  [
     LOOKAHEAD([<WHITESPACE>](<TRIVIAL_FTL_HEADER>|<FTL_HEADER>))
      HeaderElement()
  ]
  doc=OptionalBlock()
  <EOF>
  {
      doc.setParentRecursively(null);
       return doc.postParseCleanup(stripWhitespace);
  }
}
```

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* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/template/WrappingTemplateModel.java
*
 /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/template/TemplateException.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/template/TemplateCollectionModel.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/cache/WebappTemplateLoader.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/template/TemplateMethodModelEx.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/core/SwitchBlock.java
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* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/ext/jsp/TagTransformModel.java
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* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/ext/servlet/HttpRequestHashModel.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/template/utility/Constants.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-

jar/freemarker/core/BooleanLiteral.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/ext/beans/StringModel.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/debug/Breakpoint.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/template/TemplateHashModel.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/core/TextBlock.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/core/AndExpression.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/core/ReturnInstruction.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/ext/beans/ClassBasedModelFactory.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/core/ArithmeticExpression.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/core/TransformBlock.java
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* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/template/utility/ToCanonical.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/core/FreeMarkerTree.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/ext/xml/Navigator.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/debug/Debugger.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/ext/beans/OverloadedMethodModel.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/core/NotExpression.java
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* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/template/SimpleCollection.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/core/FlushInstruction.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/ext/beans/ClassString.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/core/CustomAttribute.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/core/RecurseNode.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/ext/beans/EnumerationModel.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/core/NonStringException.java

* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/template/SimpleNumber.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/core/TemplateElement.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/ext/beans/OverloadedFixArgMethod.java
* /opt/cola/permits/1240502110_1639253122.51/0/freemarker-2-3-15-sources-jar/freemarker/core/StopInstruction.java
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1.1270 libseccomp 2.5.1-1ubuntu1~20.04.2

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1.1273 properties 1.8.1

1.1273.1 Available under license :

goproperties - properties file decoder for Go

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1.1274 configparser 5.2.0

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1.1275 httpcomponents-core 4.4.15

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1.1276 log4j-api 2.17.1

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1.1277 log4j-to-slf4j 2.17.1

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* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/LongType.java
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* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-jar/com/sun/xml/util/XmlChars.java
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* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-
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/opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-
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* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-
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* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-
jar/com/sun/msv/datatype/xsd/ByteType.java
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jar/com/sun/msv/datatype/xsd/WhiteSpaceFacet.java
* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-
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jar/com/sun/msv/datatype/xsd/regex/RegExp.java

* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/FloatType.java
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/opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/GMonthType.java
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jar/com/sun/msv/datatype/xsd/GMonthDayType.java
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* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/regex/XercesImpl.java
* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/regex/RegExpFactory.java
* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/ConcreteType.java
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* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/GYearType.java
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* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/Messages_ja.properties

1.1290 dom 1.0

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Found in path(s):
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/w3c/dom/html/HTMLDOMImplementation.java
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Found in path(s):
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ElementEditAS.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASNotationDeclaration.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASObject.java
*
/opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/CharacterDataEditAS.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/DOMImplementationAS.java

* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASModel.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/DocumentAS.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASAttributeDeclaration.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASElementDeclaration.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASEntityDeclaration.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASNamedObjectMap.java
*
 /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASDataType.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASContentModel.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/DOMASWriter.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/DocumentEditAS.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASObjectList.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/DOMASBuilder.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/DOMASException.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/NodeEditAS.java
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*/
/**
```

```
   * Checks if this content model has had its min/maxOccurs values reduced for
   * purposes of speeding up UPA.  If
 so, this content model should not be used
   * for any purpose other than checking unique particle attribution
   *
   * @return a boolean that says whether this content has been compacted for UPA
   */
```

Found in path(s):
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/models/XSCMValidator.java
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*/
/**
  * DOM Level 3 LS CR - Experimental.
   * Create a new <code>LSParser</code>. The newly constructed parser may
   *
 then be configured by means of its <code>DOMConfiguration</code>
   * object, and used to parse documents by means of its <code>parse</code>
   *  method.
   * @param mode  The <code>mode</code> argument is either
   *   <code>MODE_SYNCHRONOUS</code> or <code>MODE_ASYNCHRONOUS</code>, if
   *   <code>mode</code> is <code>MODE_SYNCHRONOUS</code> then the
   *   <code>LSParser</code> that is created will operate in synchronous
   *   mode, if it's <code>MODE_ASYNCHRONOUS</code> then the
   *   <code>LSParser</code> that is created will operate in asynchronous
   *   mode.
   * @param schemaType  An absolute URI representing the type of the schema
   *   language used during the load of a <code>Document</code> using the
   *   newly created <code>LSParser</code>. Note that no lexical checking
   *   is done on the absolute URI. In order to create a
   *   <code>LSParser</code> for any kind of schema types (i.e. the
```

```
    *   LSParser will be free to use any schema
 found), use the value
    *   <code>null</code>.
    * <p ><b>Note:</b>    For W3C XML Schema [<a href='http://www.w3.org/TR/2001/REC-xmlschema-1-
20010502/'>XML Schema Part 1</a>]
    *   , applications must use the value
    *   <code>"http://www.w3.org/2001/XMLSchema"</code>. For XML DTD [<a
href='http://www.w3.org/TR/2000/REC-xml-20001006'>XML 1.0</a>],
    *   applications must use the value
    *   <code>"http://www.w3.org/TR/REC-xml"</code>. Other Schema languages
    *   are outside the scope of the W3C and therefore should recommend an
    *   absolute URI in order to use this method.
    * @return  The newly created <code>LSParser</code> object. This
    *   <code>LSParser</code> is either synchronous or asynchronous
    *   depending on the value of the <code>mode</code> argument.
    * <p ><b>Note:</b>    By default, the newly created <code>LSParser</code>
    *    does not contain a <code>DOMErrorHandler</code>, i.e. the value of
    *   the "<a href='http://www.w3.org/TR/2003/WD-DOM-Level-3-Core-20030609/core.html#parameter-error-
handler'>
     *   error-handler</a>" configuration parameter is <code>null</code>. However, implementations
    *   may provide a default error handler at creation time. In that case,
    *   the initial value of the <code>"error-handler"</code> configuration
    *   parameter on the new created <code>LSParser</code> contains a
    *   reference to the default error handler.
    * @exception DOMException
    *    NOT_SUPPORTED_ERR: Raised if the requested mode or schema type is
    *   not supported.
  */
```

Found in path(s):
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/CoreDOMImplementationImpl.java
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* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDocumentInfo.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDElementTraverser.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLErrorHandler.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLFrameElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/XMLEntityDescriptionImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/ShadowedSymbolTable.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/util/ObjectListImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLImgElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLOptgroupElement.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLInputSource.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLImgElement.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DeferredCDATASectionImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDAbstractIDConstraintTraverser.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLTimerElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSParticle.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLWmlElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/AnySimpleDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/StringList.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLTimerElement.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/CaseInsensitiveMap.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-

jar/org/apache/xerces/impl/xs/opti/SchemaDOMImplementation.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/opti/DefaultXMLDocumentHandler.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DeferredElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLAnchorElement.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xml/serialize/HTMLSerializer.java
*
/opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLHtmlElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/stax/DefaultNamespaceContext.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xinclude/MultipleScopeNamespaceSupport.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/opti/SchemaParsingConfig.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/XML11NSDTDValidator.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xpointer/XPointerMessageFormatter.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSException.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLMetaElementImpl.java
*
/opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLQuoteElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/EncodingMap.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xinclude/XIncludeTextReader.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DOMInputImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/ObjectFactory.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xpointer/XPointerHandler.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/XMLCatalogResolver.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/TeeXMLDocumentFilterImpl.java
*
/opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLTableSectionElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/models/CMStateSet.java

* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/Base64BinaryDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/DraconianErrorHandler.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/JAXPValidatorComponent.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLTitleElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/XML11NonValidatingConfiguration.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/ElementDefinitionImpl.java
*
/opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/XMLElementDecl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSAttributeGroupDecl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/AbstractDOMParser.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLSelectElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLLabelElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLFieldSetElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLCardElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/util/ShortListImpl.java
*
/opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/util/Base64.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/CDATASectionImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/XSGrammarPoolContainer.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/models/CMBuilder.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/WMLMetaElement.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/XSSimpleType.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/XSSimpleTypeDelegate.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/opti/SchemaDOMParser.java
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/opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/RegularExpression.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/opti/ElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/events/UIEventImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xml/serialize/Method.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/stax/events/EntityReferenceImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/datatypes/ByteList.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLBodyElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/XMLNSDTDValidator.java
*
/opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/models/XSCMBinOp.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DeferredAttrImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/DOMUtil.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLIElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/SAXParserFactoryImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xpointer/ElementSchemePointer.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/msg/XMLMessageFormatter.java
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* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLDTDFilter.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/XMLDTDValidator.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDNotationTraverser.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/grammars/XMLSchemaDescription.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/DOMResultBuilder.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLAnchorElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLModElementImpl.java
*
/opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLDocumentImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DeferredElementNSImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/HTMLTableCaptionElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/XMLEntityHandler.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/StandardParserConfiguration.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/models/XSAllCM.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/opti/AttrImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLFieldsetElementImpl.java
*
/opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLDoElementImpl.java

* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/RangeToken.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/DOMASBuilderImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/NameNodeListImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLDOMImplementationImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/io/UCSReader.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/XIncludeAwareParserConfiguration.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/RevalidationHandler.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSValue.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/NodeImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/dtd/XML11IDREFDatatypeValidator.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLConfigurationException.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/AttributesProxy.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/ValidatorImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/XMLGrammarParser.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/XMLSimpleType.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/SchemaNamespaceSupport.java
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*/
/**
 * used to check the 3 constraints against each complex type
 * (should be each model group):
 * Unique Particle
 Attribution, Particle Derivation (Restriction),
 * Element Declrations Consistent.
 */

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* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/YearDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDKeyrefTraverser.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/DateDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/DateTimeDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDUniqueOrKeyTraverser.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/MonthDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/DurationDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/MonthDayDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/TimeDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSAttributeChecker.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/YearMonthDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSModelGroupImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/XSSimpleTypeDecl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDHandler.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/DayDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XMLSchemaValidator.java
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* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/message.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/msg/DOMMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/msg/XPointerMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/msg/DatatypeMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/message_fr.properties
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* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/msg/XMLSerializerMessages.properties
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* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/msg/JAXPValidationMessages.properties

1.1291 hdrhistogram 2.1.8

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package org.HdrHistogram;

final class Version {
   public static final String version="$VERSION$";
   public static final String build_time="$BUILD_TIME$";
```

}

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1.1292 jctools-core 2.1.1

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* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/util/UnsafeAccess.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/SpscUnboundedArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/LinkedQueueNode.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/atomic/MpscAtomicArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/MpscChunkedArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/SpscArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-

jar/org/jctools/queues/atomic/SpscUnboundedAtomicArrayQueue.java
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/opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
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* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/atomic/AtomicReferenceArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
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* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/maps/ConcurrentAutoTable.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/maps/NonBlockingSetInt.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/MessagePassingQueueUtil.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/SpscChunkedArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/atomic/SpscAtomicArrayQueue.java
*
/opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/MpscGrowableArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/ConcurrentCircularArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/SpmcArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/util/RangeUtil.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/atomic/LinkedQueueAtomicNode.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/atomic/SequencedAtomicReferenceArrayQueue.java
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* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/spec/Ordering.java
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/opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/MpscLinkedQueue7.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/BaseMpscLinkedArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/maps/NonBlockingIdentityHashMap.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/QueueFactory.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/maps/NonBlockingHashSet.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/MpscLinkedQueue8.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-

jar/org/jctools/queues/MessagePassingQueue.java
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jar/org/jctools/queues/spec/ConcurrentQueueSpec.java
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jar/org/jctools/queues/SpscLinkedQueue.java
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jar/org/jctools/util/UnsafeRefArrayAccess.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/package-
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* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
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jar/org/jctools/queues/IndexedQueueSizeUtil.java
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jar/org/jctools/queues/MpscLinkedQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
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* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/ConcurrentSequencedCircularArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-

jar/org/jctools/queues/atomic/SpscGrowableAtomicArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/atomic/AtomicQueueFactory.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/MpscUnboundedArrayQueue.java
No license file was found, but licenses were detected in source scan.

```
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">
 <modelVersion>4.0.0</modelVersion>

 <artifactId>jctools-core</artifactId>
 <groupId>org.jctools</groupId>
 <version>2.1.1</version>
 <name>Java Concurrency Tools Core Library</name>
 <description>Java Concurrency Tools Core Library</description>
 <packaging>bundle</packaging>

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  <dependency>
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   <artifactId>hamcrest-all</artifactId>
   <version>${hamcrest.version}</version>
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  </dependency>
  <dependency>
   <groupId>junit</groupId>
   <artifactId>junit</artifactId>
   <version>${junit.version}</version>
   <scope>test</scope>
  </dependency>

  <dependency>
   <groupId>com.google.guava</groupId>
   <artifactId>guava-testlib</artifactId>
   <version>${guava-testlib.version}</version>
   <scope>test</scope>
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  </plugin>
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   <version>2.5.4</version>
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    <instructions>
     <Import-Package>sun.misc;resolution:=optional</Import-Package>
    </instructions>
   </configuration>
  </plugin>
  <plugin>
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   <artifactId>maven-source-plugin</artifactId>
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   <executions>
    <execution>
     <id>attach-sources</id>
     <phase>verify</phase>
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      <goal>jar-no-fork</goal>
     </goals>
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   </executions>
  </plugin>
  <plugin>
   <groupId>org.apache.maven.plugins</groupId>
   <artifactId>maven-javadoc-plugin</artifactId>
   <version>3.0.0-M1</version>
   <configuration>
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   </configuration>
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</build>

<distributionManagement>
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  <name>jctools-jctools</name>
  <url>https://api.bintray.com/maven/jctools/jctools/jctools-core/;publish=1</url>
 </repository>
</distributionManagement>

<url>https://github.com/JCTools</url>
<inceptionYear>2013</inceptionYear>

<licenses>
 <license>
  <name>Apache
License, Version 2.0</name>
  <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
  <distribution>repo</distribution>
 </license>
</licenses>

<scm>
 <url>https://github.com/JCTools/JCTools</url>
 <connection>scm:git:https://github.com/JCTools/JCTools</connection>
 <tag>HEAD</tag>
</scm>

<developers>
 <developer>
  <url>https://github.com/nitsanw</url>
 </developer>
 <developer>
  <url>https://github.com/mjpt777</url>
 </developer>
 <developer>
  <url>https://github.com/RichardWarburton</url>
 </developer>
 <developer>
  <url>https://github.com/Kay</url>
 </developer>
</developers>

<prerequisites>
 <maven>3.3.9</maven>
</prerequisites>

<properties>
 <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
        <java.version>1.6</java.version>
        <java.test.version>1.8</java.test.version>
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         <maven.compiler.target>${java.version}</maven.compiler.target>
        <maven.compiler.testSource>${java.test.version}</maven.compiler.testSource>
         <maven.compiler.testTarget>${java.test.version}</maven.compiler.testTarget>


    <hamcrest.version>1.3</hamcrest.version>
         <junit.version>4.12</junit.version>
        <guava-testlib.version>21.0</guava-testlib.version>
 </properties>
</project>
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Found in path(s):
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/META-INF/maven/org.jctools/jctools-core/pom.xml

1.1293 jackson-annotations 2.7.0

1.1293.1 Available under license :

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1.1294 opentracing-noop 0.31.0

1.1294.1 Available under license :

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```

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Found in path(s):
* /opt/cola/permits/1257262334_1642793362.32/0/opentracing-noop-0-31-0-sources-jar/io/opentracing/noop/NoopSpanBuilder.java
* /opt/cola/permits/1257262334_1642793362.32/0/opentracing-noop-0-31-0-sources-jar/io/opentracing/noop/NoopSpan.java
* /opt/cola/permits/1257262334_1642793362.32/0/opentracing-noop-0-31-0-sources-jar/io/opentracing/noop/NoopScopeManager.java
* /opt/cola/permits/1257262334_1642793362.32/0/opentracing-noop-0-31-0-sources-jar/io/opentracing/noop/NoopSpanContext.java
* /opt/cola/permits/1257262334_1642793362.32/0/opentracing-noop-0-31-0-sources-jar/io/opentracing/noop/NoopTracer.java
* /opt/cola/permits/1257262334_1642793362.32/0/opentracing-noop-0-31-0-sources-jar/io/opentracing/noop/NoopTracerFactory.java
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Found in path(s):
* /opt/cola/permits/1257262334_1642793362.32/0/opentracing-noop-0-31-0-sources-jar/META-INF/maven/io.opentracing/opentracing-noop/pom.xml

1.1295 simpleclient 0.9.0

1.1295.1 Available under license :

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*

* Source: http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/src/jsr166e/DoubleAdder.java?revision=1.12
*/

Found in path(s):
* /opt/cola/permits/1257332897_1642801897.79/0/simpleclient-0-9-0-sources-jar/io/prometheus/client/DoubleAdder.java
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Found in path(s):
* /opt/cola/permits/1257332897_1642801897.79/0/simpleclient-0-9-0-sources-jar/io/prometheus/client/CKMSQuantiles.java
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* http://creativecommons.org/publicdomain/zero/1.0/
*
* Source: http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/src/jsr166e/Striped64.java?revision=1.10
*/

Found in path(s):
* /opt/cola/permits/1257332897_1642801897.79/0/simpleclient-0-9-0-sources-jar/io/prometheus/client/Striped64.java

1.1296 simpleclient-servlet 0.9.0

1.1296.1 Available under license :

Apache-2.0

1.1297 simpleclient-dropwizard 0.9.0

1.1297.1 Available under license :

Apache-2.0

1.1298 jetty-setuid-java 1.0.4

1.1298.1 Available under license :

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Found in path(s):
* /opt/cola/permits/1257333122_1642801905.86/0/jetty-setuid-java-1-0-4-sources-jar/org/eclipse/jetty/setuid/SetUIDListener.java
* /opt/cola/permits/1257333122_1642801905.86/0/jetty-setuid-java-1-0-4-sources-jar/org/eclipse/jetty/setuid/SetUIDServer.java
* /opt/cola/permits/1257333122_1642801905.86/0/jetty-setuid-java-1-0-4-sources-jar/org/eclipse/jetty/setuid/SetUID.java
* /opt/cola/permits/1257333122_1642801905.86/0/jetty-setuid-java-1-0-4-sources-jar/org/eclipse/jetty/setuid/Group.java
* /opt/cola/permits/1257333122_1642801905.86/0/jetty-setuid-java-1-0-4-sources-jar/org/eclipse/jetty/setuid/RLimit.java
* /opt/cola/permits/1257333122_1642801905.86/0/jetty-setuid-java-1-0-4-sources-jar/org/eclipse/jetty/setuid/Passwd.java

1.1299 logging-interceptor 3.12.12

1.1299.1 Available under license :

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Found in path(s):
* /opt/cola/permits/1257332962_1642801933.56/0/logging-interceptor-3-12-12-sources-jar/okhttp3/logging/LoggingEventListener.java
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Found in path(s):
* /opt/cola/permits/1257332962_1642801933.56/0/logging-interceptor-3-12-12-sources-jar/okhttp3/logging/HttpLoggingInterceptor.java

1.1300 zjsonpatch 0.3.0

1.1300.1 Available under license :

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*/

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* /opt/cola/permits/1257333041_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/zjsonpatch/NodeType.java
* /opt/cola/permits/1257333041_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/zjsonpatch/JsonDiff.java
* /opt/cola/permits/1257333041_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/zjsonpatch/NoopProcessor.java
* /opt/cola/permits/1257333041_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/zjsonpatch/ApplyProcessor.java
* /opt/cola/permits/1257333041_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/zjsonpatch/Constants.java
* /opt/cola/permits/1257333041_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/zjsonpatch/CompatibilityFlags.java
* /opt/cola/permits/1257333041_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/zjsonpatch/JsonPatchApplicationException.java
* /opt/cola/permits/1257333041_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/zjsonpatch/JsonPatchProcessor.java
* /opt/cola/permits/1257333041_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/zjsonpatch/InvalidJsonPatchException.java
* /opt/cola/permits/1257333041_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/zjsonpatch/Operation.java
* /opt/cola/permits/1257333041_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/zjsonpatch/JsonPatch.java
* /opt/cola/permits/1257333041_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/zjsonpatch/Diff.java

1.1301 java-semver 0.9.0

1.1301.1 Available under license :

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* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-jar/com/github/zafarkhaja/semver/expr/LexerException.java
* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-jar/com/github/zafarkhaja/semver/package-info.java
* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-jar/com/github/zafarkhaja/semver/expr/And.java
* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-jar/com/github/zafarkhaja/semver/expr/Not.java
* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-jar/com/github/zafarkhaja/semver/expr/ExpressionParser.java
* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-jar/com/github/zafarkhaja/semver/expr/package-info.java
*
 /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-jar/com/github/zafarkhaja/semver/expr/GreaterOrEqual.java
* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-jar/com/github/zafarkhaja/semver/expr/LessOrEqual.java
* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-jar/com/github/zafarkhaja/semver/expr/Equal.java
* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-jar/com/github/zafarkhaja/semver/expr/UnexpectedTokenException.java
* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-jar/com/github/zafarkhaja/semver/expr/NotEqual.java
* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-jar/com/github/zafarkhaja/semver/expr/CompositeExpression.java
* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-jar/com/github/zafarkhaja/semver/expr/Or.java
* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-jar/com/github/zafarkhaja/semver/util/Stream.java
*

/opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-jar/com/github/zafarkhaja/semver/expr/Expression.java
* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-jar/com/github/zafarkhaja/semver/VersionParser.java
* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-jar/com/github/zafarkhaja/semver/util/UnexpectedElementException.java
* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-jar/com/github/zafarkhaja/semver/Version.java
* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-jar/com/github/zafarkhaja/semver/NormalVersion.java
* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-jar/com/github/zafarkhaja/semver/expr/Lexer.java
* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-jar/com/github/zafarkhaja/semver/UnexpectedCharacterException.java
* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-jar/com/github/zafarkhaja/semver/util/package-info.java
*
/opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-jar/com/github/zafarkhaja/semver/expr/Less.java
* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-jar/com/github/zafarkhaja/semver/Parser.java
* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-jar/com/github/zafarkhaja/semver/expr/Greater.java
* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-jar/com/github/zafarkhaja/semver/ParseException.java
* /opt/cola/permits/1257333337_1642801889.72/0/java-semver-0-9-0-sources-jar/com/github/zafarkhaja/semver/MetadataVersion.java

1.1302 profiler 1.1.1

1.1302.1 Available under license :

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* Date: Thu Jun 30 14:16:56 2011 -0400

*/

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* /opt/cola/permits/1257333100_1642801922.15/0/gae-mini-profiler-1-1-1-sources-jar/ca/jimr/gae/profiler/resources/jquery-1.6.2.min.js
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* http://github.com/jquery/jquery-tmpl
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* /opt/cola/permits/1257333100_1642801922.15/0/gae-mini-profiler-1-1-1-sources-jar/com/google/appengine/tools/appstats/MiniProfilerAppstats.java

* /opt/cola/permits/1257333100_1642801922.15/0/gae-mini-profiler-1-1-1-sources-jar/ca/jimr/gae/profiler/MiniProfiler.java
* /opt/cola/permits/1257333100_1642801922.15/0/gae-mini-profiler-1-1-1-sources-jar/ca/jimr/gae/profiler/MiniProfilerFilter.java
* /opt/cola/permits/1257333100_1642801922.15/0/gae-mini-profiler-1-1-1-sources-jar/ca/jimr/gae/profiler/resources/MiniProfilerResourceLoader.java
* /opt/cola/permits/1257333100_1642801922.15/0/gae-mini-profiler-1-1-1-sources-jar/ca/jimr/gae/profiler/MiniProfilerServlet.java

1.1303 simpleclient-common 0.9.0

1.1303.1 Available under license :

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1.1304 jackson-annotations 2.11.0

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1.1305 plexus-i18n 1.0-beta-7

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1.1306 netty-transport 4.1.52.Final

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* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ExtendedClosedChannelException.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelHandlerMask.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/EventLoopTaskQueueFactory.java
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* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/PendingWriteQueue.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/AbstractEventLoop.java
*
 /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ReflectiveChannelFactory.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelFactory.java
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* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/oio/DefaultOioDatagramChannelConfig.java
*
 /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/oio/OioDatagramChannelConfig.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/bootstrap/FailedChannel.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/internal/ChannelUtils.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/ChannelInputShutdownReadComplete.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/DelegatingChannelPromiseNotifier.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownException.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-

jar/io/netty/channel/socket/ChannelOutputShutdownEvent.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/internal/package-info.java
*
 /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/nio/SelectedSelectionKeySetSelector.java
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* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/FileRegion.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/AbstractServerChannel.java
*
 /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/EventLoop.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/group/DefaultChannelGroupFuture.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelDuplexHandler.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ThreadPerChannelEventLoop.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/VoidChannelPromise.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelPipelineException.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/package-info.java
*

/opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/nio/package-info.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelConfig.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/nio/NioDatagramChannelConfig.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/group/CombinedIterator.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ThreadPerChannelEventLoopGroup.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/EventLoopGroup.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/bootstrap/AbstractBootstrap.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/group/ChannelGroupFuture.java
*
/opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelFlushPromiseNotifier.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/oio/AbstractOioChannel.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/DefaultChannelPipeline.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelOutboundHandler.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/DefaultChannelPromise.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/ServerSocketChannelConfig.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/oio/OioSocketChannel.java
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* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/DefaultSocketChannelConfig.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/local/LocalServerChannel.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/SocketChannelConfig.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/oio/OioEventLoopGroup.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/AbstractChannelHandlerContext.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelPromiseNotifier.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/nio/AbstractNioChannel.java

*
/opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/oio/AbstractOioMessageChannel.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/InternetProtocolFamily.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/local/LocalAddress.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelOutboundHandlerAdapter.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/bootstrap/Bootstrap.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelInitializer.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/MultithreadEventLoopGroup.java
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/opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/embedded/package-info.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelMetadata.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelInboundHandler.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ServerChannel.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/CombinedChannelDuplexHandler.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/oio/OioServerSocketChannel.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/nio/AbstractNioByteChannel.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelInboundHandlerAdapter.java
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/opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/nio/NioSocketChannel.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/embedded/EmbeddedEventLoop.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/nio/NioTask.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/DatagramChannel.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/DefaultChannelConfig.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/group/ChannelGroupFutureListener.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/oio/package-info.java
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/opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelException.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/nio/NioEventLoopGroup.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/DefaultDatagramChannelConfig.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/oio/AbstractOioByteChannel.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/CompleteChannelFuture.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/DatagramPacket.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/local/LocalChannelRegistry.java
*
/opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/ServerSocketChannel.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/DefaultFileRegion.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/RecvByteBufAllocator.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/nio/NioDatagramChannel.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/AbstractChannel.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/DefaultEventLoopGroup.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/AdaptiveRecvByteBufAllocator.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/nio/AbstractNioMessageChannel.java
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/opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/DatagramChannelConfig.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/SocketChannel.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/nio/package-info.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/bootstrap/ServerBootstrap.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/SucceededChannelFuture.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelFutureListener.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelPipeline.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/EventLoopException.java

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/opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/ChannelInputShutdownEvent.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/local/package-info.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/embedded/EmbeddedSocketAddress.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/SingleThreadEventLoop.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/group/package-info.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/embedded/EmbeddedChannel.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/package-info.java
*
/opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/oio/OioDatagramChannel.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelPromiseAggregator.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/bootstrap/package-info.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelOption.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/nio/NioEventLoop.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/DefaultEventLoop.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/local/LocalEventLoopGroup.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelFuture.java
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/opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/nio/ProtocolFamilyConverter.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/oio/package-info.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/nio/NioServerSocketChannel.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/local/LocalChannel.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelHandlerContext.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/Channel.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/DefaultServerSocketChannelConfig.java
*

/opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/FixedRecvByteBufAllocator.java
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* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/nio/NioChannelOption.java
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* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/DefaultSelectStrategy.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelOutboundInvoker.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/DefaultSelectStrategyFactory.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/bootstrap/BootstrapConfig.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/WriteBufferWaterMark.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/bootstrap/ServerBootstrapConfig.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/group/VoidChannelGroupFuture.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/SelectStrategy.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/SelectStrategyFactory.java
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* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/DuplexChannel.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/PreferHeapByteBufAllocator.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/bootstrap/AbstractBootstrapConfig.java
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* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ConnectTimeoutException.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/oio/DefaultOioSocketChannelConfig.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/oio/DefaultOioServerSocketChannelConfig.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/bootstrap/ChannelFactory.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelProgressivePromise.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/AddressedEnvelope.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/group/ChannelMatcher.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelOutboundBuffer.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelProgressiveFuture.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelId.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/group/DefaultChannelGroup.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/oio/OioSocketChannelConfig.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/group/ChannelGroup.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/DefaultChannelProgressivePromise.java

* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/group/ChannelGroupException.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/SimpleChannelInboundHandler.java
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 /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/DefaultChannelId.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/ChannelHandlerAdapter.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/socket/oio/OioServerSocketChannelConfig.java
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* under the License.
*/
/**
* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
* its {@link ChannelPipeline}.
*
* <h3>Sub-types</h3>
* <p>
* {@link ChannelHandler} itself does not provide many methods, but you usually have to implement one of its
```

```
subtypes:
* <ul>
* <li>{@link
 ChannelInboundHandler} to handle inbound I/O events, and</li>
* <li>{@link ChannelOutboundHandler} to handle outbound I/O operations.</li>
* </ul>
* </p>
* <p>
* Alternatively, the following adapter classes are provided for your convenience:
* <ul>
* <li>{@link ChannelInboundHandlerAdapter} to handle inbound I/O events,</li>
* <li>{@link ChannelOutboundHandlerAdapter} to handle outbound I/O operations, and</li>
* <li>{@link ChannelDuplexHandler} to handle both inbound and outbound events</li>
* </ul>
* </p>
* <p>
* For more information, please refer to the documentation of each subtype.
* </p>
*
* <h3>The context object</h3>
* <p>
* A {@link ChannelHandler} is provided with a {@link ChannelHandlerContext}
* object.  A {@link ChannelHandler} is supposed to interact with the
* {@link ChannelPipeline} it belongs to via a context object.  Using the
* context object, the {@link ChannelHandler} can pass events upstream or
* downstream, modify the pipeline dynamically,
 or store the information
* (using {@link AttributeKey}s) which is specific to the handler.
*
* <h3>State management</h3>
*
* A {@link ChannelHandler} often needs to store some stateful information.
* The simplest and recommended approach is to use member variables:
* <pre>
* public interface Message {
*     // your methods here
* }
*
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {
*
*     <b>private boolean loggedIn;</b>
*
*     {@code @Override}
*     public void channelRead0({@link ChannelHandlerContext} ctx, Message message) {
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) message);
*             <b>loggedIn = true;</b>
*         } else (message instanceof GetDataMessage) {
```

```
*            if (<b>loggedIn</b>) {
*                ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
*            } else {
*                fail();
*            }
*        }
 *     }
*     ...
* }
* </pre>
* Because the handler instance has a state variable which is dedicated to
* one connection, you have to create a new handler instance for each new
* channel to avoid a race condition where a unauthenticated client can get
* the confidential information:
* <pre>
* // Create a new handler instance per channel.
* // See {@link ChannelInitializer#initChannel(Channel)}.
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; {
*     {@code @Override}
*     public void initChannel({@link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>new DataServerHandler()</b>);
*     }
* }
*
* </pre>
*
* <h4>Using {@link AttributeKey}s</h4>
*
* Although it's recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use {@link AttributeKey}s which is provided by
* {@link ChannelHandlerContext}:
 * <pre>
* public interface Message {
*     // your methods here
* }
*
* {@code @Sharable}
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {
*     private final {@link AttributeKey}&lt;{@link Boolean}&gt; auth =
*         {@link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
*
*     {@code @Override}
*     public void channelRead({@link ChannelHandlerContext} ctx, Message message) {
*         {@link Attribute}&lt;{@link Boolean}&gt; attr = ctx.attr(auth);
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
*             <b>attr.set(true)</b>;
```

```
*         } else (message instanceof GetDataMessage) {
*             if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
*             } else {
*                 fail();
*             }
*         }
*     }
*     ...
* }
* </pre>
* Now that the state
 of the handler is attached to the {@link ChannelHandlerContext}, you can add the
* same handler instance to different pipelines:
* <pre>
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; {
*
*     private static final DataServerHandler <b>SHARED</b> = new DataServerHandler();
*
*     {@code @Override}
*     public void initChannel({@link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>SHARED</b>);
*     }
* }
* </pre>
*
*
* <h4>The {@code @Sharable} annotation</h4>
* <p>
* In the example above which used an {@link AttributeKey},
* you might have noticed the {@code @Sharable} annotation.
* <p>
* If a {@link ChannelHandler} is annotated with the {@code @Sharable}
* annotation, it means you can create an instance of the handler just once and
* add it to one or more {@link ChannelPipeline}s multiple times without
* a race condition.
* <p>
* If this annotation is not specified, you have to create
 a new handler
* instance every time you add it to a pipeline because it has unshared state
* such as member variables.
* <p>
* This annotation is provided for documentation purpose, just like
* <a href="http://www.javaconcurrencyinpractice.com/annotations/doc/">the JCIP annotations</a>.
*
* <h3>Additional resources worth reading</h3>
* <p>
* Please refer to the {@link ChannelHandler}, and
```

* {@link ChannelPipeline} to find out more about inbound and outbound operations,
* what fundamental differences they have, how they flow in a pipeline, and how to handle
* the operation in your application.
*/

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* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/MaxBytesRecvByteBufAllocator.java
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jar/io/netty/channel/pool/ChannelPoolMap.java
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* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/pool/AbstractChannelPoolHandler.java
* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/pool/package-info.java
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* /opt/cola/permits/1257772099_1643010292.58/0/netty-transport-4-1-52-final-sources-jar/io/netty/channel/DefaultMaxMessagesRecvByteBufAllocator.java
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1.1307 netty-resolver 4.1.52.Final

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1.1308 netty-codec-http 4.1.52.Final

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* /opt/cola/permits/1257772206_1643010312.88/0/netty-codec-http2-4-1-52-final-sources-jar/META-INF/maven/io.netty/netty-codec-http2/pom.xml
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* /opt/cola/permits/1257772206_1643010312.88/0/netty-codec-http2-4-1-52-final-sources-jar/io/netty/handler/codec/http2/HpackHuffmanEncoder.java
* /opt/cola/permits/1257772206_1643010312.88/0/netty-codec-http2-4-1-52-final-sources-jar/io/netty/handler/codec/http2/HpackDecoder.java
* /opt/cola/permits/1257772206_1643010312.88/0/netty-codec-http2-4-1-52-final-sources-jar/io/netty/handler/codec/http2/HpackHuffmanDecoder.java
* /opt/cola/permits/1257772206_1643010312.88/0/netty-codec-http2-4-1-52-final-sources-jar/io/netty/handler/codec/http2/HpackEncoder.java
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* /opt/cola/permits/1257772206_1643010312.88/0/netty-codec-http2-4-1-52-final-sources-jar/io/netty/handler/codec/http2/Http2MultiplexCodecBuilder.java
* /opt/cola/permits/1257772206_1643010312.88/0/netty-codec-http2-4-1-52-final-sources-jar/io/netty/handler/codec/http2/Http2StreamChannelId.java
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* /opt/cola/permits/1257772206_1643010312.88/0/netty-codec-http2-4-1-52-final-sources-jar/io/netty/handler/codec/http2/CleartextHttp2ServerUpgradeHandler.java
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* /opt/cola/permits/1257772206_1643010312.88/0/netty-codec-http2-4-1-52-final-sources-jar/io/netty/handler/codec/http2/AbstractHttp2StreamChannel.java
* /opt/cola/permits/1257772206_1643010312.88/0/netty-codec-http2-4-1-52-final-sources-jar/io/netty/handler/codec/http2/DefaultHttp2SettingsAckFrame.java
* /opt/cola/permits/1257772206_1643010312.88/0/netty-codec-http2-4-1-52-final-sources-jar/io/netty/handler/codec/http2/MaxCapacityQueue.java
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* /opt/cola/permits/1257772206_1643010312.88/0/netty-codec-http2-4-1-52-final-sources-jar/io/netty/handler/codec/http2/Http2PromisedRequestVerifier.java
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* /opt/cola/permits/1257772206_1643010312.88/0/netty-codec-http2-4-1-52-final-sources-jar/io/netty/handler/codec/http2/StreamByteDistributor.java
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* /opt/cola/permits/1257772206_1643010312.88/0/netty-codec-http2-4-1-52-final-sources-jar/io/netty/handler/codec/http2/Http2StreamVisitor.java
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// https://tools.ietf.org/html/rfc7540#section-8.1.2.2 makes a special exception for TE

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* /opt/cola/permits/1257772206_1643010312.88/0/netty-codec-http2-4-1-52-final-sources-jar/io/netty/handler/codec/http2/Http2InboundFrameLogger.java
* /opt/cola/permits/1257772206_1643010312.88/0/netty-codec-http2-4-1-52-final-sources-jar/io/netty/handler/codec/http2/Http2OutboundFrameLogger.java
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* /opt/cola/permits/1257772206_1643010312.88/0/netty-codec-http2-4-1-52-final-sources-jar/io/netty/handler/codec/http2/Http2StreamFrame.java
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* /opt/cola/permits/1257772206_1643010312.88/0/netty-codec-http2-4-1-52-final-sources-jar/io/netty/handler/codec/http2/DefaultHttp2HeadersFrame.java
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* /opt/cola/permits/1257772206_1643010312.88/0/netty-codec-http2-4-1-52-final-sources-jar/io/netty/handler/codec/http2/Http2EmptyDataFrameListener.java
* /opt/cola/permits/1257772206_1643010312.88/0/netty-codec-http2-4-1-52-final-sources-jar/io/netty/handler/codec/http2/Http2ControlFrameLimitEncoder.java

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* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/traffic/GlobalTrafficShapingHandler.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/traffic/TrafficCounter.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/traffic/ChannelTrafficShapingHandler.java
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* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslPrivateKey.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslX509KeyManagerFactory.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/DefaultOpenSslKeyMaterial.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/ExtendedOpenSslSession.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterial.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslCachingKeyMaterialProvider.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslSession.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialProvider.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/SignatureAlgorithmConverter.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslTlsv13X509ExtendedTrustManager.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslX509TrustManagerWrapper.java
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* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/stream/package-info.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/SslHandler.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/util/package-info.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/timeout/ReadTimeoutHandler.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/stream/ChunkedWriteHandler.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/timeout/ReadTimeoutException.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/logging/LogLevel.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/timeout/IdleStateEvent.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/stream/ChunkedNioFile.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/timeout/WriteTimeoutException.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/stream/ChunkedFile.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/timeout/IdleStateHandler.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/NotSslRecordException.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/stream/ChunkedInput.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/timeout/package-info.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/logging/LoggingHandler.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/timeout/IdleState.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/timeout/WriteTimeoutHandler.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/package-info.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-

jar/io/netty/handler/timeout/TimeoutException.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/logging/package-info.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/stream/ChunkedStream.java
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* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/address/ResolveAddressHandler.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilter.java
*
 /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilterRuleComparator.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/SslHandshakeTimeoutException.java
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* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/ClientAuth.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/SslContextBuilder.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNames.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNegotiationHandler.java
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* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/util/X509KeyManagerWrapper.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/PseudoRandomFunction.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-

jar/io/netty/handler/ssl/util/SimpleKeyManagerFactory.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/address/package-info.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/SslMasterKeyHandler.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/KeyManagerFactoryWrapper.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/address/DynamicAddressConnectHandler.java
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* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslCertificateException.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java
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* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/PemValue.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/PemEncoded.java
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* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolUtil.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/CipherSuiteFilter.java
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 /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ipfilter/IpFilterRule.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/util/BouncyCastleSelfSignedCertGenerator.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/JdkApplicationProtocolNegotiator.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/IdentityCipherSuiteFilter.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslEngine.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslNpnApplicationProtocolNegotiator.java

* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslServerSessionContext.java
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* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/Java7SslParametersUtils.java
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* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ipfilter/AbstractRemoteAddressFilter.java
* /opt/cola/permits/1257772390_1643010329.28/0/netty-handler-4-1-52-final-sources-jar/io/netty/handler/ssl/OpenSslSessionContext.java
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1.1310 netty-codec-socks 4.1.52.Final

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* /opt/cola/permits/1257772106_1643010352.06/0/netty-codec-socks-4-1-52-final-sources-jar/io/netty/handler/codec/socks/SocksMessageType.java
* /opt/cola/permits/1257772106_1643010352.06/0/netty-codec-socks-4-1-52-final-sources-jar/io/netty/handler/codec/socks/SocksProtocolVersion.java
* /opt/cola/permits/1257772106_1643010352.06/0/netty-codec-socks-4-1-52-final-sources-jar/io/netty/handler/codec/socks/SocksAuthScheme.java
* /opt/cola/permits/1257772106_1643010352.06/0/netty-codec-socks-4-1-52-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthStatus.java
* /opt/cola/permits/1257772106_1643010352.06/0/netty-codec-socks-4-1-52-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5CommandStatus.java
* /opt/cola/permits/1257772106_1643010352.06/0/netty-codec-socks-4-1-52-final-sources-jar/io/netty/handler/codec/socks/SocksCmdType.java
* /opt/cola/permits/1257772106_1643010352.06/0/netty-codec-socks-4-1-52-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5CommandType.java
* /opt/cola/permits/1257772106_1643010352.06/0/netty-codec-socks-4-1-52-final-sources-jar/io/netty/handler/codec/socks/SocksAddressType.java
* /opt/cola/permits/1257772106_1643010352.06/0/netty-codec-socks-4-1-52-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5AddressType.java
* /opt/cola/permits/1257772106_1643010352.06/0/netty-codec-socks-4-1-52-final-sources-jar/io/netty/handler/codec/socks/SocksAuthStatus.java
* /opt/cola/permits/1257772106_1643010352.06/0/netty-codec-socks-4-1-52-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5AuthMethod.java
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* /opt/cola/permits/1257772106_1643010352.06/0/netty-codec-socks-4-1-52-final-sources-jar/META-INF/maven/io.netty/netty-codec-socks/pom.xml

1.1311 netty-handler-proxy 4.1.52.Final

1.1311.1 Available under license :

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* /opt/cola/permits/1257772174_1643010278.86/0/netty-handler-proxy-4-1-52-final-sources-jar/io/netty/handler/proxy/ProxyConnectionEvent.java
* /opt/cola/permits/1257772174_1643010278.86/0/netty-handler-proxy-4-1-52-final-sources-jar/io/netty/handler/proxy/HttpProxyHandler.java
*
 /opt/cola/permits/1257772174_1643010278.86/0/netty-handler-proxy-4-1-52-final-sources-jar/io/netty/handler/proxy/package-info.java
* /opt/cola/permits/1257772174_1643010278.86/0/netty-handler-proxy-4-1-52-final-sources-

jar/io/netty/handler/proxy/Socks4ProxyHandler.java
* /opt/cola/permits/1257772174_1643010278.86/0/netty-handler-proxy-4-1-52-final-sources-jar/io/netty/handler/proxy/Socks5ProxyHandler.java
* /opt/cola/permits/1257772174_1643010278.86/0/netty-handler-proxy-4-1-52-final-sources-jar/io/netty/handler/proxy/ProxyHandler.java
* /opt/cola/permits/1257772174_1643010278.86/0/netty-handler-proxy-4-1-52-final-sources-jar/io/netty/handler/proxy/ProxyConnectException.java
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1.1312 netty-codec 4.1.52.Final

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* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/JdkZlibDecoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Crc32c.java
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* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/EmptyHeaders.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/DefaultHeaders.java
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* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameDecoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitWriter.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/json/JsonObjectDecoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/FastLzFrameEncoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Crc32.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Bzip2Decoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/AsciiHeadersEncoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/LzmaFrameEncoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Bzip2Rand.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Bzip2DivSufSort.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/json/package-info.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanAllocator.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockDecompressor.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Bzip2Constants.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Bzip2Encoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageEncoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/MessageAggregationException.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameEncoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Bzip2MTFAndRLE2StageEncoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageDecoder.java

* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/FastLzFrameDecoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/LzfDecoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Lz4Constants.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockCompressor.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/LzfEncoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedDecoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/FastLz.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitReader.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Bzip2MoveToFrontTable.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/DecoderResultProvider.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedEncoder.java
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*/
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*/
/**
* Enumeration of supported Base64 dialects.
* <p>
* The internal lookup tables in this class has been derived from
```

```
* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert
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* Base64 Encoder/Decoder</a>.
*/
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/**
* Utility class for {@link ByteBuf} that encodes and decodes to and from
* <a href="http://en.wikipedia.org/wiki/Base64">Base64</a> notation.
* <p>
*
 The encoding and decoding algorithm in this class has been derived from
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* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-
jar/io/netty/handler/codec/ValueConverter.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-
jar/io/netty/handler/codec/CharSequenceValueConverter.java
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jar/io/netty/handler/codec/compression/ZlibCodecFactory.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-
jar/io/netty/handler/codec/string/package-info.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-
jar/io/netty/handler/codec/serialization/WeakReferenceMap.java
*
 /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-
jar/io/netty/handler/codec/ReplayingDecoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-

jar/io/netty/handler/codec/serialization/ClassLoaderClassResolver.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/ZlibDecoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectInputStream.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/serialization/ClassResolver.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/package-info.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/base64/package-info.java
*
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* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/JdkZlibEncoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/MessageToMessageEncoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/MessageToByteEncoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/serialization/ObjectEncoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/UnsupportedMessageTypeException.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/LineBasedFrameDecoder.java
*
/opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/EncoderException.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/ZlibWrapper.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/MessageToMessageCodec.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameDecoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/marshalling/package-info.java
*
/opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayDecoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/serialization/CachingClassResolver.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/marshalling/ContextBoundUnmarshallerProvider.java

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* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/JZlibDecoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/MessageAggregator.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameEncoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/PrematureChannelClosureException.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/ZlibEncoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/xml/package-info.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/Delimiters.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayEncoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/MessageToMessageDecoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/marshalling/UnmarshallerProvider.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/serialization/ClassResolvers.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/bytes/package-info.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/package-info.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/LengthFieldPrepender.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/serialization/ReferenceMap.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/CompressionException.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingEncoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/DecoderException.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/CodecException.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/ByteToMessageDecoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingDecoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-

jar/io/netty/handler/codec/marshalling/DefaultUnmarshallerProvider.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingDecoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/string/StringDecoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/FixedLengthFrameDecoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/marshalling/MarshallerProvider.java
*
/opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/DelimiterBasedFrameDecoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/serialization/CompatibleObjectEncoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/CorruptedFrameException.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/base64/Base64Encoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/marshalling/ThreadLocalUnmarshallerProvider.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/DecompressionException.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/ByteToMessageCodec.java
*
/opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoderInputStream.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/marshalling/DefaultMarshallerProvider.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/DecoderResult.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/base64/Base64Decoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/serialization/SoftReferenceMap.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingEncoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/serialization/ObjectEncoderOutputStream.java
*
/opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/JZlibEncoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/ReplayingDecoderByteBuf.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/string/StringEncoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java

* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/marshalling/LimitingByteInput.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/marshalling/ThreadLocalMarshallerProvider.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/Snappy.java
*
 /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/marshalling/ChannelBufferByteOutput.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/TooLongFrameException.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/ZlibUtil.java
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* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/string/LineSeparator.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/CompressionUtil.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/string/LineEncoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/DatagramPacketDecoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/CodecOutputList.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/DatagramPacketEncoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/compression/ByteBufChecksum.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/DateFormatter.java
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*/
/**
* A decoder that splits the received {@link ByteBuf}s dynamically by the
* value of the length field in the message. It is particularly useful when you
* decode a binary message which has an integer header field that represents the
* length of the message body or the whole message.
*
 <p>
* {@link LengthFieldBasedFrameDecoder} has many configuration parameters so
* that it can decode any message with a length field, which is often seen in
* proprietary client-server protocols. Here are some example that will give

```
* you the basic idea on which option does what.
*
* <h3>2 bytes length field at offset 0, do not strip header</h3>
*
* The value of the length field in this example is <tt>12 (0x0C)</tt> which
* represents the length of "HELLO, WORLD".  By default, the decoder assumes
* that the length field represents the number of the bytes that follows the
* length field.  Therefore, it can be decoded with the simplistic parameter
* combination.
* <pre>
* <b>lengthFieldOffset</b>   = <b>0</b>
* <b>lengthFieldLength</b>   = <b>2</b>
* lengthAdjustment    = 0
* initialBytesToStrip = 0 (= do not strip header)
*
* BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)
* +--------+----------------+      +--------+----------------+
* | Length | Actual Content
 |----->| Length | Actual Content |
* | 0x000C | "HELLO, WORLD" |      | 0x000C | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 0, strip header</h3>
*
* Because we can get the length of the content by calling
* {@link ByteBuf#readableBytes()}, you might want to strip the length
* field by specifying <tt>initialBytesToStrip</tt>.  In this example, we
* specified <tt>2</tt>, that is same with the length of the length field, to
* strip the first two bytes.
* <pre>
* lengthFieldOffset   = 0
* lengthFieldLength   = 2
* lengthAdjustment    = 0
* <b>initialBytesToStrip</b> = <b>2</b> (= the length of the Length field)
*
* BEFORE DECODE (14 bytes)         AFTER DECODE (12 bytes)
* +--------+----------------+      +----------------+
* | Length | Actual Content |----->| Actual Content |
* | 0x000C | "HELLO, WORLD" |      | "HELLO, WORLD" |
* +--------+----------------+      +----------------+
 * </pre>
*
* <h3>2 bytes length field at offset 0, do not strip header, the length field
*     represents the length of the whole message</h3>
*
* In most cases, the length field represents the length of the message body
* only, as shown in the previous examples.  However, in some protocols, the
```

```
* length field represents the length of the whole message, including the
* message header.  In such a case, we specify a non-zero
* <tt>lengthAdjustment</tt>.  Because the length value in this example message
* is always greater than the body length by <tt>2</tt>, we specify <tt>-2</tt>
* as <tt>lengthAdjustment</tt> for compensation.
* <pre>
* lengthFieldOffset   =  0
* lengthFieldLength   =  2
* <b>lengthAdjustment</b>    = <b>-2</b> (= the length of the Length field)
* initialBytesToStrip =  0
*
* BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)
* +--------+----------------+      +--------+----------------+
* | Length | Actual Content |----->| Length | Actual
 Content |
* | 0x000E | "HELLO, WORLD" |      | 0x000E | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+
* </pre>
*
* <h3>3 bytes length field at the end of 5 bytes header, do not strip header</h3>
*
* The following message is a simple variation of the first example.  An extra
* header value is prepended to the message.  <tt>lengthAdjustment</tt> is zero
* again because the decoder always takes the length of the prepended data into
* account during frame length calculation.
* <pre>
* <b>lengthFieldOffset</b>   = <b>2</b> (= the length of Header 1)
* <b>lengthFieldLength</b>   = <b>3</b>
* lengthAdjustment    = 0
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)                    AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* | Header 1 |  Length  | Actual Content |----->| Header 1 |  Length  | Actual Content |
* |  0xCAFE  | 0x00000C | "HELLO, WORLD" |      |
  0xCAFE  | 0x00000C | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>
*
* <h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>
*
* This is an advanced example that shows the case where there is an extra
* header between the length field and the message body.  You have to specify a
* positive <tt>lengthAdjustment</tt> so that the decoder counts the extra
* header into the frame length calculation.
* <pre>
* lengthFieldOffset   = 0
* lengthFieldLength   = 3
```

```
* <b>lengthAdjustment</b>    = <b>2</b> (= the length of Header 1)
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)                    AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* |  Length  | Header 1 | Actual Content |----->|  Length  | Header 1 | Actual Content |
* | 0x00000C |  0xCAFE  | "HELLO, WORLD" |      | 0x00000C |  0xCAFE  | "HELLO,
 WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
*     strip the first header field and the length field</h3>
*
* This is a combination of all the examples above.  There are the prepended
* header before the length field and the extra header after the length field.
* The prepended header affects the <tt>lengthFieldOffset</tt> and the extra
* header affects the <tt>lengthAdjustment</tt>.  We also specified a non-zero
* <tt>initialBytesToStrip</tt> to strip the length field and the prepended
* header from the frame.  If you don't want to strip the prepended header, you
* could specify <tt>0</tt> for <tt>initialBytesToSkip</tt>.
* <pre>
* lengthFieldOffset   = 1 (= the length of HDR1)
* lengthFieldLength   = 2
* <b>lengthAdjustment</b>    = <b>1</b> (= the length of HDR2)
* <b>initialBytesToStrip</b> = <b>3</b> (= the length of HDR1 + LEN)
 *
* BEFORE DECODE (16 bytes)                    AFTER DECODE (13 bytes)
* +------+--------+------+----------------+      +------+----------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +------+--------+------+----------------+      +------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
*     strip the first header field and the length field, the length field
*     represents the length of the whole message</h3>
*
* Let's give another twist to the previous example.  The only difference from
* the previous example is that the length field represents the length of the
* whole message instead of the message body, just like the third example.
* We have to count the length of HDR1 and Length into <tt>lengthAdjustment</tt>.
* Please note that we don't need to take the length of HDR2 into account
* because
 the length field already includes the whole header length.
* <pre>
* lengthFieldOffset   =  1
* lengthFieldLength   =  2
```

```
* <b>lengthAdjustment</b>    = <b>-3</b> (= the length of HDR1 + LEN, negative)
* <b>initialBytesToStrip</b> = <b> 3</b>
*
* BEFORE DECODE (16 bytes)                    AFTER DECODE (13 bytes)
* +------+--------+------+----------------+      +------+----------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +------+--------+------+----------------+      +------+----------------+
* </pre>
* @see LengthFieldPrepender
*/
```

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* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java
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* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/UnsupportedValueConverter.java
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* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/ProtocolDetectionState.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/HeadersUtils.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java
* /opt/cola/permits/1257772022_1643010348.3/0/netty-codec-4-1-52-final-sources-jar/io/netty/handler/codec/ProtocolDetectionResult.java

1.1313 crs-z-agent 0.7.0

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DESCRIPTION: GIS icon theme
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1. I don't understand the resale restriction... What gives?

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3. Are derivative works allowed?
   Yes!

4. Can I change or add to the font(s)?
   Yes, but you must change the name(s) of the font(s).

5. Under what terms are derivative works allowed?

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6. If I have improvements for Bitstream Vera, is it possible they might get
   adopted in future versions?

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   glyphs to the font, they must be stylistically in keeping with Vera's
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   providing a document describing the design elements used in Vera, as a
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7. I want
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8. If applications have built the names "Bitstream Vera" into them,
  can I override this somehow to use fonts of my choosing?

   This depends on exact details of the software. Most open source
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   use fontconfig (see www.fontconfig.org) to handle font configuration,
   selection and substitution; it has provisions for overriding font
   names and subsituting alternatives. An example is provided by the
   supplied local.conf file, which chooses the family Bitstream Vera for
   "sans", "serif" and "monospace". Other software (e.g., the XFree86
   core server) has other mechanisms for font substitution.

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Table 1:
permitted modifications of data

AS GIVEN IN EPSG DATASET		PERMITTED CHANGE FOR VENDORS/USERS TO ADOPT
-		-
Change of ellipsoid defining parameters.		
1a	Ellipsoid parameters a and b.	a and 1/f ; a and f; a and e; a and e2.
1b	Ellipsoid parameters a and 1/f.	a and b; a and f; a and e; a and e2.
Change of projection method		
2a	Lambert Conic Conformal (1 SP) method with projection parameters O and kO.	Lambert Conic Conformal (2 SP) method with projection parameters 1 and 2.
2b	Lambert Conic Conformal (2 SP) method with projection parameters1 and 2.	Lambert Conic Conformal (1 SP) method with projection parameters O and kO.
3a	Mercator (variant A) method with projection parameters O and kO.	Mercator (variant B) method with projection parameter 1.
3b	Mercator (variant B) method with projection parameter 1.	Mercator (variant A) method with projection parameters O and kO.
4a	Hotine Oblique Mercator (variant A) method with
projection parameters FE and FN.	Hotine Oblique Mercator (variant B) method with projection parameters EC and NC.
4b	Hotine Oblique Mercator (variant B) method with projection parameters EC and NC.	Hotine Oblique Mercator (variant A) method with projection parameters FE and FN.
5a	Polar Stereographic (Variant A) method with projection parameters O and kO.	Polar Stereographic (Variant B) method with projection parameter F.
5b	Polar Stereographic (Variant B) method with projection parameter F.	Polar Stereographic (Variant A) method with projection parameters O and kO.
5c	Polar Stereographic (Variant A) method with projection parameters O, kO, FE and FN.	Polar Stereographic (Variant C) method with projection parameters F, EF and NF.

| 5d | Polar Stereographic (Variant C) method with projection parameters F, EF and NF. | Polar Stereographic (Variant A) method with projection parameters O, kO, FE and FN. |
| 5e | Polar Stereographic (Variant B) method
with projection parameter FE and FN. | Polar Stereographic (Variant C) method with projection parameters EF and NF. |
5f	Polar Stereographic (Variant C) method with projection parameters EF and NF.	Polar Stereographic (Variant B) method with projection parameter FE and FN.
Change of transformation method		
6a	Position Vector 7-parameter transformation method parameters RX RY and RZ.	Coordinate Frame transformation method with signs of position vector parameters RX RY and RZ reversed.
6b	Coordinate Frame transformation method parameters RX RY and RZ.	Position Vector 7-parameter transformation method with signs of coordinate frame parameters RX RY and RZ reversed.
7	Concatenated transformation using geocentric methods (Geocentric translations, Position Vector 7-parameter transformation, Coordinate Frame rotation).	Equivalent single geocentric transformation in which for each parameter the parameter values of the component steps have been summed.
Change of units |||
8	NTv2 method grid file filename.	NTv2 method grid file relative storage path with file name including removal (if necessary) of special characters [spaces, parentheses, etc] which are replaced by underscore characters.
9	Parameter value.	Convert unit to another, for example from microradian to arc-second, using conversion factors obtained from the EPSG dataset Unit table.

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1.1314 crs-json-tool 0.7.0

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with the fonts. That is the intent of the copyright.

8. If applications have built the names "Bitstream Vera" into them,
can I override this somehow to use fonts of my choosing?

This depends on exact details of the software. Most open source
systems and software (e.g., Gnome, KDE, etc.) are now converting to
use fontconfig (see www.fontconfig.org) to handle font configuration,
selection and substitution; it has provisions for overriding font
names and subsituting alternatives. An example is provided by the
supplied local.conf file, which chooses the family Bitstream Vera for
"sans", "serif" and "monospace". Other software (e.g., the XFree86
core server) has other mechanisms for font substitution.

<cite>source: [docubrain.com](https://docubrain.com/sites/default/files/licenses/bitstream-vera.html)</cite>
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==========

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-		-
Change of ellipsoid defining parameters.		
1a	Ellipsoid parameters a and b.	a and 1/f ; a and f; a and e; a and e2.
1b	Ellipsoid parameters a and 1/f.	a and b; a and f; a and e; a and e2.
Change of projection method		
2a	Lambert Conic Conformal (1 SP) method with projection parameters O and kO.	Lambert Conic Conformal (2 SP) method with projection parameters 1 and 2.
2b	Lambert Conic Conformal (2 SP) method with projection parameters1 and 2.	Lambert Conic Conformal (1 SP) method with projection parameters O and kO.
3a	Mercator (variant A) method with projection parameters O and kO.	Mercator (variant B) method with projection parameter 1.
3b	Mercator (variant B) method with projection parameter 1.	Mercator (variant A) method with projection parameters O and kO.
4a	Hotine Oblique Mercator (variant A) method with
projection parameters FE and FN.	Hotine Oblique Mercator (variant B) method with projection parameters EC and NC.
4b	Hotine Oblique Mercator (variant B) method with projection parameters EC and NC.	Hotine Oblique Mercator (variant A) method with projection parameters FE and FN.
5a	Polar Stereographic (Variant A) method with projection parameters O and kO.	Polar Stereographic (Variant B) method with projection parameter F.
5b	Polar Stereographic (Variant B) method with projection parameter F.	Polar Stereographic (Variant A) method with projection parameters O and kO.

| 5c | Polar Stereographic (Variant A) method with projection parameters O, kO, FE and FN. | Polar Stereographic (Variant C) method with projection parameters F, EF and NF. |
| 5d | Polar Stereographic (Variant C) method with projection parameters F, EF and NF. | Polar Stereographic (Variant A) method with projection parameters O, kO, FE and FN. |
| 5e | Polar Stereographic (Variant B) method
with projection parameter FE and FN. | Polar Stereographic (Variant C) method with projection parameters EF and NF. |
5f	Polar Stereographic (Variant C) method with projection parameters EF and NF.	Polar Stereographic (Variant B) method with projection parameter FE and FN.
Change of transformation method		
6a	Position Vector 7-parameter transformation method parameters RX RY and RZ.	Coordinate Frame transformation method with signs of position vector parameters RX RY and RZ reversed.
6b	Coordinate Frame transformation method parameters RX RY and RZ.	Position Vector 7-parameter transformation method with signs of coordinate frame parameters RX RY and RZ reversed.
7	Concatenated transformation using geocentric methods (Geocentric translations, Position Vector 7-parameter transformation, Coordinate Frame rotation).	Equivalent single geocentric transformation in which for each parameter the parameter values of the component steps have been summed.
Change of units |||
8	NTv2 method grid file filename.	NTv2 method grid file relative storage path with file name including removal (if necessary) of special characters [spaces, parentheses, etc] which are replaced by underscore characters.
9	Parameter value.	Convert unit to another, for example from microradian to arc-second, using conversion factors obtained from the EPSG dataset Unit table.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a

work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables
containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable

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changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
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to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the
Library. A suitable mechanism is one that (1) uses at run time a
copy of the library already present on the user's computer system,
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will operate properly with a modified version of the library, if
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installs one, as long as the modified version is
interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at
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d) If distribution of the work is made by offering access to copy
from a designated place, offer equivalent access to copy the above
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e) Verify that the user has already received a copy of these
materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the materials to be distributed need not include anything that is
normally distributed (in either source or binary form) with the
major
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which the executable runs, unless that component itself accompanies
the executable.

It may happen that this requirement contradicts the license
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7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

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We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs

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making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily
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5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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- **b)** Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with
the version that the work was
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- **c)** Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
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DESCRIPTION: GIS icon theme
AUTHOR: Robert Szczepanek
CONTACT: robert at szczepanek pl
SITE: http://robert.szczepanek.pl/

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Copyright FAQ
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1. I don't understand the resale restriction... What gives?

   Bitstream is giving away these fonts, but wishes to ensure its competitors can't just drop the fonts as is into a font sale system and sell them as is. It seems fair that if Bitstream can't make money from the Bitstream Vera fonts, their competitors should not be able to do so either. You can sell the fonts as part of any software package, however.

2. I want to package these fonts separately for distribution and sale as part of a larger software package or system. Can I do so?

   Yes. A RPM or Debian package is a "larger software package" to begin with, and you aren't selling them independently by themselves. See 1. above.

3. Are derivative works allowed?
   Yes!

4. Can I change or add to the font(s)?
   Yes, but you must change the name(s) of the font(s).

5. Under what terms are derivative works allowed?

   You must change the name(s) of the fonts. This is to ensure the quality of the fonts, both to protect Bitstream and Gnome. We want to ensure that if an application has opened a font specifically of these names, it gets what it expects (though of course, using fontconfig, substitutions could still could have occurred

during font
opening). You must include the Bitstream copyright. Additional
copyrights can be added, as per copyright law. Happy Font Hacking!

6. If I have improvements for Bitstream Vera, is it possible they might get
adopted in future versions?

Yes. The contract between the Gnome Foundation and Bitstream has
provisions for working with Bitstream to ensure quality additions to
the Bitstream Vera font family. Please contact us if you have such
additions. Note, that in general, we will want such additions for the
entire family, not just a single font, and that you'll have to keep
both Gnome and Jim Lyles, Vera's designer, happy! To make sense to add
glyphs to the font, they must be stylistically in keeping with Vera's
design. Vera cannot become a "ransom note" font. Jim Lyles will be
providing a document describing the design elements used in Vera, as a
guide and aid for people interested in contributing to Vera.

7. I want
to sell a software package that uses these fonts: Can I do so?

Sure. Bundle the fonts with your software and sell your software
with the fonts. That is the intent of the copyright.

8. If applications have built the names "Bitstream Vera" into them,
can I override this somehow to use fonts of my choosing?

This depends on exact details of the software. Most open source
systems and software (e.g., Gnome, KDE, etc.) are now converting to
use fontconfig (see www.fontconfig.org) to handle font configuration,
selection and substitution; it has provisions for overriding font
names and subsituting alternatives. An example is provided by the
supplied local.conf file, which chooses the family Bitstream Vera for
"sans", "serif" and "monospace". Other software (e.g., the XFree86
core server) has other mechanisms for font substitution.

<cite>source: [docubrain.com](https://docubrain.com/sites/default/files/licenses/bitstream-vera.html)</cite>
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January 20, 2017.

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AS GIVEN IN EPSG DATASET		PERMITTED CHANGE FOR VENDORS/USERS TO ADOPT
-		-
Change of ellipsoid defining parameters.		
1a	Ellipsoid parameters a and b.	a and 1/f ; a and f; a and e; a and e2.
1b	Ellipsoid parameters a and 1/f.	a and b; a and f; a and e; a and e2.
Change of projection method		
2a	Lambert Conic Conformal (1 SP) method with projection parameters O and kO.	Lambert Conic Conformal (2 SP) method with projection parameters 1 and 2.
2b	Lambert Conic Conformal (2 SP) method with projection parameters1 and 2.	Lambert Conic Conformal (1 SP) method with projection parameters O and kO.
3a	Mercator (variant A) method with projection parameters O and kO.	Mercator (variant B) method with projection parameter 1.
3b	Mercator (variant B) method with projection parameter 1.	Mercator (variant A) method with projection parameters O and kO.
4a	Hotine Oblique Mercator (variant A) method with
projection parameters FE and FN.	Hotine Oblique Mercator (variant B) method with projection parameters EC and NC.
4b	Hotine Oblique Mercator (variant B) method with projection parameters EC and NC.	Hotine Oblique Mercator (variant A) method with projection parameters FE and FN.
5a	Polar Stereographic (Variant A) method with projection parameters O and kO.	Polar Stereographic (Variant B) method with projection parameter F.
5b	Polar Stereographic (Variant B) method with projection parameter F.	Polar Stereographic (Variant A) method with projection parameters O and kO.
5c	Polar Stereographic (Variant A) method with projection parameters O, kO, FE and FN.	Polar Stereographic (Variant C) method with projection parameters F, EF and NF.
5d	Polar Stereographic (Variant C) method with projection parameters F, EF and NF.	Polar Stereographic

(Variant A) method with projection parameters O, kO, FE and FN. |
| 5e | Polar Stereographic (Variant B) method
with projection parameter FE and FN. | Polar Stereographic (Variant C) method with projection parameters EF and NF. |
5f	Polar Stereographic (Variant C) method with projection parameters EF and NF.	Polar Stereographic (Variant B) method with projection parameter FE and FN.
Change of transformation method		
6a	Position Vector 7-parameter transformation method parameters RX RY and RZ.	Coordinate Frame transformation method with signs of position vector parameters RX RY and RZ reversed.
6b	Coordinate Frame transformation method parameters RX RY and RZ.	Position Vector 7-parameter transformation method with signs of coordinate frame parameters RX RY and RZ reversed.
7	Concatenated transformation using geocentric methods (Geocentric translations, Position Vector 7-parameter transformation, Coordinate Frame rotation).	Equivalent single geocentric transformation in which for each parameter the parameter values of the component steps have been summed.
Change of units |||
8	NTv2 method grid file filename.	NTv2 method grid file relative storage path with file name including removal (if necessary) of special characters [spaces, parentheses, etc] which are replaced by underscore characters.
9	Parameter value.	Convert unit to another, for example from microradian to arc-second, using conversion factors obtained from the EPSG dataset Unit table.

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3. Are derivative works allowed?
Yes!

4. Can I change or add to the font(s)?
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5. Under what terms are derivative works allowed?

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entire family, not just a single font, and that you'll have to keep
both Gnome and Jim Lyles, Vera's designer, happy! To make sense to add
glyphs to the font, they must be stylistically in keeping with Vera's
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providing a document describing the design elements used in Vera, as a
guide and aid for people interested in contributing to Vera.

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8. If applications have built the names "Bitstream Vera" into them,
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This depends on exact details of the software. Most open source
systems and software (e.g., Gnome, KDE, etc.) are now converting to
use fontconfig (see www.fontconfig.org) to handle font configuration,
selection and substitution; it has provisions for overriding font
names and subsituting alternatives. An example is provided by the
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"sans", "serif" and "monospace". Other software (e.g., the XFree86
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TITLE: gis-0.1
DESCRIPTION: GIS icon theme
AUTHOR: Robert Szczepanek
CONTACT: robert at szczepanek pl
SITE: http://robert.szczepanek.pl/

Cracow 2008,
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January 20, 2017.

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Version 2.1, February 1999

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src/main/java/org/geotools/xml/impl/XsDateFormat.java
src/main/java/org/geotools/xml/impl/HexBinary.java
src/main/java/org/geotools/xml/impl/DatatypeConverterImpl.java
src/main/java/org/geotools/xml/impl/DatatypeConverterInterface.java
src/main/java/org/geotools/xml/impl/XsDateTimeFormat.java
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-		-
Change of ellipsoid defining parameters.		
1a	Ellipsoid parameters a and b.	a and 1/f ; a and f; a and e; a and e2.
1b	Ellipsoid parameters a and 1/f.	a and b; a and f; a and e; a and e2.
Change of projection method		
2a	Lambert Conic Conformal (1 SP) method with projection parameters O and kO.	Lambert Conic Conformal (2 SP) method with projection parameters 1 and 2.
2b	Lambert Conic Conformal (2 SP) method with projection parameters1 and 2.	Lambert Conic Conformal (1 SP) method with projection parameters O and kO.
3a	Mercator (variant A) method with projection parameters O and kO.	Mercator (variant B) method with projection parameter 1.
3b	Mercator (variant B) method with projection parameter 1.	Mercator (variant A) method with projection parameters O and kO.
4a	Hotine Oblique Mercator (variant A) method with projection parameters FE and FN.	Hotine Oblique Mercator (variant B) method with projection parameters EC and NC.
4b	Hotine Oblique Mercator (variant B) method with projection parameters EC and NC.	Hotine Oblique Mercator (variant A) method with projection parameters FE and FN.
5a	Polar Stereographic (Variant A) method with projection parameters O and kO.	Polar Stereographic (Variant B) method with projection parameter F.
5b	Polar Stereographic (Variant B) method with projection parameter F.	Polar Stereographic (Variant A) method with projection parameters O and kO.
5c	Polar Stereographic (Variant A) method with projection parameters O, kO, FE and FN.	Polar Stereographic (Variant C) method with projection parameters F, EF and NF.
5d	Polar Stereographic (Variant C) method with projection parameters F, EF and NF.	Polar Stereographic (Variant A) method with projection parameters O, kO, FE and FN.
5e	Polar Stereographic (Variant B) method

with projection parameter FE and FN. | Polar Stereographic (Variant C) method with projection parameters EF and NF. |
5f	Polar Stereographic (Variant C) method with projection parameters EF and NF.	Polar Stereographic (Variant B) method with projection parameter FE and FN.
Change of transformation method		
6a	Position Vector 7-parameter transformation method parameters RX RY and RZ.	Coordinate Frame transformation method with signs of position vector parameters RX RY and RZ reversed.
6b	Coordinate Frame transformation method parameters RX RY and RZ.	Position Vector 7-parameter transformation method with signs of coordinate frame parameters RX RY and RZ reversed.
7	Concatenated transformation using geocentric methods (Geocentric translations, Position Vector 7-parameter transformation, Coordinate Frame rotation).	Equivalent single geocentric transformation in which for each parameter the parameter values of the component steps have been summed.
Change of units |||
8	NTv2 method grid file filename.	NTv2 method grid file relative storage path with file name including removal (if necessary) of special characters [spaces, parentheses, etc] which are replaced by underscore characters.
9	Parameter value.	Convert unit to another, for example from microradian to arc-second, using conversion factors obtained from the EPSG dataset Unit table.

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* /opt/cola/permits/1257860178_1643019491.32/0/jansi-osx-1-8-sources-jar/org/fusesource/jansi/internal/CLibrary.java

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*
/opt/cola/permits/1257860190_1643019494.64/0/jansi-1-8-sources-jar/org/fusesource/jansi/Ansi.java
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* /opt/cola/permits/1257860190_1643019494.64/0/jansi-1-8-sources-jar/org/fusesource/jansi/AnsiRenderer.java

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* /opt/cola/permits/1257860186_1643019499.32/0/jansi-native-1-8-sources-jar/org/fusesource/jansi/internal/Kernel32.java

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* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/NoArgumentOptionSpec.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/util/RegexMatcher.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/MethodInvokingValueConverter.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/MissingRequiredOptionsException.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/AbstractOptionSpec.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/OptionSet.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/UnavailableOptionException.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/ValueConverter.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/OptionSpec.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/AbbreviationMap.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/ArgumentList.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/util/KeyValuePair.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/ConstructorInvokingValueConverter.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/Reflection.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/UnrecognizedOptionException.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/OptionDescriptor.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/HelpFormatter.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/Columns.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/Classes.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/NonOptionArgumentSpec.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/OptionNameMap.java

* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/OptionSpecBuilder.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/ArgumentAcceptingOptionSpec.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/OptionMissingRequiredArgumentException.java
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* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/AlternativeLongOptionSpec.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/ValueConversionException.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/SimpleOptionNameMap.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/OptionException.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/util/DateConverter.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/MultipleArgumentsForOptionException.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/UnconfiguredOptionException.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/IllegalOptionSpecificationException.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/RequiredArgumentOptionSpec.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/ParserRules.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/OptionParserState.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/Strings.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/OptionParser.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/util/InetAddressConverter.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/OptionalArgumentOptionSpec.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/Messages.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/Row.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/OptionSpecTokenizer.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/OptionArgumentConversionException.java
* /opt/cola/permits/1257893343_1643020044.21/0/jopt-simple-5-0-3-sources-jar/joptsimple/BuiltinHelpFormatter.java

1.1328 logback-jackson 0.1.5

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* java.sun.security.ssl

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org.ow2.asm:asm-commons
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 org.apache.tomcat:tomcat-jasper
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1.1336 evanphx-json-patch 5.6.0+incompatible

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1.1337 netty-tcnative-boringssl-static 2.0.7.Final

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* /opt/cola/permits/1258292018_1643053085.28/0/netty-tcnative-boringssl-static-2-0-7-final-sources-jar/io/netty/internal/tcnative/CertificateVerifier.java
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* /opt/cola/permits/1258292018_1643053085.28/0/netty-tcnative-boringssl-static-2-0-7-final-sources-jar/io/netty/internal/tcnative/Buffer.java
* /opt/cola/permits/1258292018_1643053085.28/0/netty-tcnative-boringssl-static-2-0-7-final-sources-jar/io/netty/internal/tcnative/SSL.java
* /opt/cola/permits/1258292018_1643053085.28/0/netty-tcnative-boringssl-static-2-0-7-final-sources-jar/io/netty/internal/tcnative/SSLContext.java
* /opt/cola/permits/1258292018_1643053085.28/0/netty-tcnative-boringssl-static-2-0-7-final-sources-jar/io/netty/internal/tcnative/Library.java
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```
Manifest-Version: 1.0
BoringSSL-Revision: e3bb51cb2360fca5b87d559fc263b2763bd14739
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0
Bundle-SymbolicName: io.netty.tcnative-boringssl-static
Archiver-Version: Plexus Archiver
Built-By: norman
Bnd-LastModified: 1509626439303
Implementation-Vendor-Id: io.netty
Bundle-DocURL: http://netty.io/
Export-Package: io.netty.internal.tcnative;version="2.0.7.Final"
Bundle-Name: Netty/TomcatNative [BoringSSL - Static]
Bundle-NativeCode: META-INF/native/libnetty_tcnative_osx_x86_64.jnilib
;osname=macos;osname=macosx;processor=x86_64,META-INF/native/libnetty
_tcnative_linux_x86_64.so;osname=linux;processor=x86_64,META-INF/nati
ve/netty_tcnative_windows_x86_64.dll;osname=win32;processor=x86_64
Bundle-Description: A Mavenized fork of Tomcat Native which incorporat
es various patches. This artifact is statically linked    to BoringSS
L and Apache APR.
Implementation-Title:
 Netty/TomcatNative [BoringSSL - Static]
Apr-Version: 1.6.3
Implementation-Version: 2.0.7.Final
Bundle-ManifestVersion: 2
Bundle-Vendor: The Netty Project
Tool: Bnd-2.1.0.20130426-122213
Implementation-Vendor: The Netty Project
Originally-Created-By: Apache Maven Bundle Plugin
Bundle-Version: 2.0.7.Final
BoringSSL-Branch: chromium-stable
Created-By: Apache Maven Bundle Plugin
```

Build-Jdk: 1.8.0_152

Found in path(s):
* /opt/cola/permits/1258292018_1643053085.28/0/netty-tcnative-boringssl-static-2-0-7-final-sources-jar/META-INF/MANIFEST.MF

1.1338 jradius-core 1.1.4

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1.1339 netty-resolver 4.1.35.Final

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* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/RoundRobinInetAddressResolver.java
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* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/InetNameResolver.java
* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/DefaultAddressResolverGroup.java
* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/HostsFileParser.java
* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/InetSocketAddressResolver.java
* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/DefaultHostsFileEntriesResolver.java
* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/AbstractAddressResolver.java
* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/DefaultNameResolver.java
* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/HostsFileEntriesResolver.java
* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/CompositeNameResolver.java
* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/AddressResolver.java
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* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/META-INF/maven/io.netty/netty-resolver/pom.xml
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* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/HostsFileEntries.java
* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/ResolvedAddressTypes.java
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* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/NameResolver.java
* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/package-info.java
* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/SimpleNameResolver.java
*
 /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/AddressResolverGroup.java
* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/NoopAddressResolverGroup.java
* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/NoopAddressResolver.java

1.1340 netty-handler 4.1.35.Final

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* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/PemPrivateKey.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/DelegatingSslContext.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/util/X509TrustManagerWrapper.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslEngine.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/flush/FlushConsolidationHandler.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/PemEncoded.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslCertificateException.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/PemValue.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/flow/package-info.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/PemX509Certificate.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/flush/package-info.java
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* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OptionalSslHandler.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/Java9SslUtils.java
*
 /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/SslCompletionEvent.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/Java9SslEngine.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/SniCompletionEvent.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/ocsp/package-info.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/Conscrypt.java
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 /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/AbstractSniHandler.java
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* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/stream/package-info.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-

jar/io/netty/handler/stream/ChunkedStream.java
*
/opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/stream/ChunkedWriteHandler.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/timeout/IdleState.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/logging/package-info.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/stream/ChunkedInput.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/timeout/ReadTimeoutHandler.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/stream/ChunkedFile.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/timeout/ReadTimeoutException.java
*
/opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/timeout/IdleStateEvent.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/timeout/package-info.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/timeout/WriteTimeoutHandler.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/timeout/TimeoutException.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/stream/ChunkedNioStream.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/util/package-info.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/logging/LogLevel.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/timeout/IdleStateHandler.java
*
/opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/logging/LoggingHandler.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/timeout/WriteTimeoutException.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/SslHandler.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/stream/ChunkedNioFile.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/NotSslRecordException.java
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* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/SslContextBuilder.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNames.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslJavaxX509Certificate.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/ClientAuth.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNegotiationHandler.java
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* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/PemReader.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/util/SimpleTrustManagerFactory.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ipfilter/IpFilterRule.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslApplicationProtocolNegotiator.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/SupportedCipherSuiteFilter.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolConfig.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslNpnApplicationProtocolNegotiator.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/IdentityCipherSuiteFilter.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/JdkSslContext.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/JettyAlpnSslEngine.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/JettyNpnSslEngine.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ipfilter/package-info.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/JdkNpnApplicationProtocolNegotiator.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactory.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslClientContext.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolUtil.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslEngineMap.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNegotiator.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslX509Certificate.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/util/BouncyCastleSelfSignedCertGenerator.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/util/OpenJdkSelfSignedCertGenerator.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSsl.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ipfilter/IpFilterRuleType.java
*
 /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/JdkSslClientContext.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/JdkDefaultApplicationProtocolNegotiator.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslEngine.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/SniHandler.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslSessionStats.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/util/ThreadLocalInsecureRandom.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilterRule.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/traffic/GlobalChannelTrafficCounter.java
*
 /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/JdkAlpnApplicationProtocolNegotiator.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/JdkApplicationProtocolNegotiator.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslServerSessionContext.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/util/InsecureTrustManagerFactory.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslSessionContext.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/SslProvider.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/CipherSuiteConverter.java
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 /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/SslUtils.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/JdkSslServerContext.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/SslContext.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/JdkBaseApplicationProtocolNegotiator.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ipfilter/AbstractRemoteAddressFilter.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-

jar/io/netty/handler/ipfilter/UniqueIpFilter.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/Java7SslParametersUtils.java
*
 /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslContext.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/CipherSuiteFilter.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ipfilter/RuleBasedIpFilter.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/JdkSslEngine.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslDefaultApplicationProtocolNegotiator.java
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* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/traffic/TrafficCounter.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/traffic/ChannelTrafficShapingHandler.java
*
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* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslTlsv13X509ExtendedTrustManager.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialProvider.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslX509KeyManagerFactory.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslSession.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslCachingKeyMaterialProvider.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslPrivateKey.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslX509TrustManagerWrapper.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslCachingX509KeyManagerFactory.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-

jar/io/netty/handler/ssl/SignatureAlgorithmConverter.java
*
 /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/ExtendedOpenSslSession.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterial.java
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1.1341 netty-transport 4.1.35.Final

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* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ExtendedClosedChannelException.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-

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* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/PendingWriteQueue.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ChannelFactory.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/AbstractEventLoop.java
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* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/bootstrap/ServerBootstrapConfig.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/bootstrap/AbstractBootstrapConfig.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/DefaultSelectStrategy.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/bootstrap/BootstrapConfig.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/DefaultSelectStrategyFactory.java
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* under the License.
*/
/**
* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
* its {@link ChannelPipeline}.
*
* <h3>Sub-types</h3>
* <p>
```

```
* {@link ChannelHandler} itself does not provide many methods, but you usually have to implement one of its
subtypes:
* <ul>
* <li>{@link
 ChannelInboundHandler} to handle inbound I/O events, and</li>
* <li>{@link ChannelOutboundHandler} to handle outbound I/O operations.</li>
* </ul>
* </p>
* <p>
* Alternatively, the following adapter classes are provided for your convenience:
* <ul>
* <li>{@link ChannelInboundHandlerAdapter} to handle inbound I/O events,</li>
* <li>{@link ChannelOutboundHandlerAdapter} to handle outbound I/O operations, and</li>
* <li>{@link ChannelDuplexHandler} to handle both inbound and outbound events</li>
* </ul>
* </p>
* <p>
* For more information, please refer to the documentation of each subtype.
* </p>
*
* <h3>The context object</h3>
* <p>
* A {@link ChannelHandler} is provided with a {@link ChannelHandlerContext}
* object.  A {@link ChannelHandler} is supposed to interact with the
* {@link ChannelPipeline} it belongs to via a context object.  Using the
* context object, the {@link ChannelHandler} can pass events upstream or
* downstream, modify the pipeline dynamically,
 or store the information
* (using {@link AttributeKey}s) which is specific to the handler.
*
* <h3>State management</h3>
*
* A {@link ChannelHandler} often needs to store some stateful information.
* The simplest and recommended approach is to use member variables:
* <pre>
* public interface Message {
*     // your methods here
* }
*
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {
*
*     <b>private boolean loggedIn;</b>
*
*     {@code @Override}
*     public void channelRead0({@link ChannelHandlerContext} ctx, Message message) {
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) message);
*             <b>loggedIn = true;</b>
```

```
*         } else (message instanceof GetDataMessage) {
*             if (<b>loggedIn</b>) {
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
*             } else {
*                 fail();
*             }
*         }
 *     }
*     ...
* }
* </pre>
* Because the handler instance has a state variable which is dedicated to
* one connection, you have to create a new handler instance for each new
* channel to avoid a race condition where a unauthenticated client can get
* the confidential information:
* <pre>
* // Create a new handler instance per channel.
* // See {@link ChannelInitializer#initChannel(Channel)}.
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; {
*     {@code @Override}
*     public void initChannel({@link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>new DataServerHandler()</b>);
*     }
* }
*
* </pre>
*
* <h4>Using {@link AttributeKey}s</h4>
*
* Although it's recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use {@link AttributeKey}s which is provided by
* {@link ChannelHandlerContext}:
 * <pre>
* public interface Message {
*     // your methods here
* }
*
* {@code @Sharable}
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {
*     private final {@link AttributeKey}&lt;{@link Boolean}&gt; auth =
*         {@link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
*
*     {@code @Override}
*     public void channelRead({@link ChannelHandlerContext} ctx, Message message) {
*         {@link Attribute}&lt;{@link Boolean}&gt; attr = ctx.attr(auth);
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
```

```
*            <b>attr.set(true)</b>;
*        } else (message instanceof GetDataMessage) {
*            if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*                ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
*            } else {
*                fail();
*            }
*        }
*    }
*    ...
* }
* </pre>
* Now that the state
 of the handler is attached to the {@link ChannelHandlerContext}, you can add the
* same handler instance to different pipelines:
* <pre>
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; {
*
*    private static final DataServerHandler <b>SHARED</b> = new DataServerHandler();
*
*    {@code @Override}
*    public void initChannel({@link Channel} channel) {
*        channel.pipeline().addLast("handler", <b>SHARED</b>);
*    }
* }
* </pre>
*
*
* <h4>The {@code @Sharable} annotation</h4>
* <p>
* In the example above which used an {@link AttributeKey},
* you might have noticed the {@code @Sharable} annotation.
* <p>
* If a {@link ChannelHandler} is annotated with the {@code @Sharable}
* annotation, it means you can create an instance of the handler just once and
* add it to one or more {@link ChannelPipeline}s multiple times without
* a race condition.
* <p>
* If this annotation is not specified, you have to create
 a new handler
* instance every time you add it to a pipeline because it has unshared state
* such as member variables.
* <p>
* This annotation is provided for documentation purpose, just like
* <a href="http://www.javaconcurrencyinpractice.com/annotations/doc/">the JCIP annotations</a>.
*
* <h3>Additional resources worth reading</h3>
* <p>
```

* Please refer to the {@link ChannelHandler}, and
* {@link ChannelPipeline} to find out more about inbound and outbound operations,
* what fundamental differences they have, how they flow in a pipeline, and how to handle
* the operation in your application.
*/

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* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ChannelHandler.java
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* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/PendingBytesTracker.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/socket/ChannelInputShutdownReadComplete.java

*
/opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownEvent.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/DelegatingChannelPromiseNotifier.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/socket/oio/DefaultOioDatagramChannelConfig.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/nio/SelectedSelectionKeySetSelector.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/socket/oio/OioDatagramChannelConfig.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/internal/ChannelUtils.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownException.java
*
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* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/pool/FixedChannelPool.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/DefaultMaxMessagesRecvByteBufAllocator.java
*
/opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/pool/ChannelHealthChecker.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/pool/ChannelPoolMap.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/pool/ChannelPool.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/MaxBytesRecvByteBufAllocator.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/MaxMessagesRecvByteBufAllocator.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/DefaultMaxBytesRecvByteBufAllocator.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/pool/AbstractChannelPoolHandler.java
*
 /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/pool/AbstractChannelPoolMap.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/pool/ChannelPoolHandler.java
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*
 /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/SimpleChannelInboundHandler.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/MessageSizeEstimator.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/bootstrap/ChannelFactory.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ChannelOutboundBuffer.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/socket/oio/DefaultOioSocketChannelConfig.java
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* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ChannelProgressiveFutureListener.java
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* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/group/ChannelGroup.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ConnectTimeoutException.java
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* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ChannelProgressiveFuture.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/AbstractEventLoopGroup.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/socket/oio/DefaultOioServerSocketChannelConfig.java
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* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/JdkZlibDecoder.java
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jar/io/netty/handler/codec/serialization/ClassLoaderClassResolver.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/DecompressionException.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/serialization/ReferenceMap.java
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* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/EncoderException.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/CompressionException.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/LengthFieldPrepender.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/marshalling/ChannelBufferByteOutput.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/base64/Base64Encoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/Delimiters.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/JdkZlibEncoder.java
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* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/TooLongFrameException.java
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* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/MessageToMessageEncoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameEncoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectInputStream.java

* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/JZlibDecoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/string/package-info.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoder.java
*
/opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/ByteToMessageDecoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/marshalling/ThreadLocalMarshallerProvider.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoderInputStream.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/marshalling/package-info.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingDecoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayDecoder.java
*
/opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingEncoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/marshalling/DefaultUnmarshallerProvider.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/bytes/package-info.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/serialization/ObjectEncoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/MessageToMessageCodec.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/DelimiterBasedFrameDecoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/DecoderResult.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/MessageAggregator.java
*
/opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/marshalling/LimitingByteInput.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/string/StringDecoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/marshalling/DefaultMarshallerProvider.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/serialization/CompatibleObjectEncoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-

jar/io/netty/handler/codec/compression/JZlibEncoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/CodecException.java
*
 /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/serialization/package-info.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/LineBasedFrameDecoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/ZlibWrapper.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/PrematureChannelClosureException.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/string/StringEncoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/protobuf/package-info.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/MessageToMessageDecoder.java
*
 /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/marshalling/MarshallerProvider.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/serialization/WeakReferenceMap.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/ZlibUtil.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingDecoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/serialization/ObjectEncoderOutputStream.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameDecoder.java
*
 /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/ZlibEncoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/UnsupportedMessageTypeException.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/ReplayingDecoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/ByteToMessageCodec.java
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*/
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*/
/**
* Enumeration of supported Base64 dialects.
* <p>
* The internal lookup tables in this class has been derived from
* Robert
 Harder's Public Domain
* Base64 Encoder/Decoder.
*/

Found in path(s):
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/base64/Base64Dialect.java
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* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/ValueConverter.java

* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/DefaultHeadersImpl.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/CharSequenceValueConverter.java
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* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/DatagramPacketDecoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/DateFormatter.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/CodecOutputList.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/ByteBufChecksum.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/CompressionUtil.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/string/LineSeparator.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/DatagramPacketEncoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/string/LineEncoder.java
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* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/MessageAggregationException.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/Lz4Constants.java
*
 /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/FastLzFrameEncoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/FastLz.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/Bzip2MTFAndRLE2StageEncoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/Bzip2Constants.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/LzfEncoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageEncoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/DecoderResultProvider.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/Bzip2Encoder.java
*
 /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameDecoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanAllocator.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/LzmaFrameEncoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitWriter.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitReader.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/Bzip2DivSufSort.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageDecoder.java
*

/opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameEncoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/Bzip2Decoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/json/JsonObjectDecoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockDecompressor.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockCompressor.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/FastLzFrameDecoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/Crc32.java
*
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* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/Bzip2Rand.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedEncoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/Bzip2MoveToFrontTable.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/LzfDecoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/json/package-info.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedDecoder.java
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/*
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* http://creativecommons.org/licenses/publicdomain
*/
/**
* Utility class for {@link ByteBuf} that encodes and decodes to and from
* Base64 notation.
* <p>
*
 The encoding and decoding algorithm in this class has been derived from
* Robert Harder's Public Domain
* Base64 Encoder/Decoder.
*/

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*/
/**
* A decoder that splits the received {@link ByteBuf}s dynamically by the
* value of the length field in the message. It is particularly useful when you
* decode a binary message which has an integer header field that represents the
* length of the message body or the whole message.
*
 <p>
* {@link LengthFieldBasedFrameDecoder} has many configuration parameters so
* that it can decode any message with a length field, which is often seen in
* proprietary client-server protocols. Here are some example that will give
* you the basic idea on which option does what.
*
* <h3>2 bytes length field at offset 0, do not strip header</h3>
*
* The value of the length field in this example is <tt>12 (0x0C)</tt> which
* represents the length of "HELLO, WORLD". By default, the decoder assumes

```
* that the length field represents the number of the bytes that follows the
* length field.  Therefore, it can be decoded with the simplistic parameter
* combination.
* <pre>
* <b>lengthFieldOffset</b>   = <b>0</b>
* <b>lengthFieldLength</b>   = <b>2</b>
* lengthAdjustment    = 0
* initialBytesToStrip = 0 (= do not strip header)
*
* BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)
* +--------+----------------+      +--------+----------------+
* | Length | Actual Content
 |----->| Length | Actual Content |
* | 0x000C | "HELLO, WORLD" |      | 0x000C | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 0, strip header</h3>
*
* Because we can get the length of the content by calling
* {@link ByteBuf#readableBytes()}, you might want to strip the length
* field by specifying <tt>initialBytesToStrip</tt>.  In this example, we
* specified <tt>2</tt>, that is same with the length of the length field, to
* strip the first two bytes.
* <pre>
* lengthFieldOffset   = 0
* lengthFieldLength   = 2
* lengthAdjustment    = 0
* <b>initialBytesToStrip</b> = <b>2</b> (= the length of the Length field)
*
* BEFORE DECODE (14 bytes)         AFTER DECODE (12 bytes)
* +--------+----------------+      +----------------+
* | Length | Actual Content |----->| Actual Content |
* | 0x000C | "HELLO, WORLD" |      | "HELLO, WORLD" |
* +--------+----------------+      +----------------+
 * </pre>
*
* <h3>2 bytes length field at offset 0, do not strip header, the length field
*     represents the length of the whole message</h3>
*
* In most cases, the length field represents the length of the message body
* only, as shown in the previous examples.  However, in some protocols, the
* length field represents the length of the whole message, including the
* message header.  In such a case, we specify a non-zero
* <tt>lengthAdjustment</tt>.  Because the length value in this example message
* is always greater than the body length by <tt>2</tt>, we specify <tt>-2</tt>
* as <tt>lengthAdjustment</tt> for compensation.
* <pre>
```

```
* lengthFieldOffset   =  0
* lengthFieldLength   =  2
* <b>lengthAdjustment</b>    = <b>-2</b> (= the length of the Length field)
* initialBytesToStrip =  0
*
* BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)
* +--------+----------------+      +--------+----------------+
* | Length | Actual Content |----->| Length | Actual
 Content |
* | 0x000E | "HELLO, WORLD" |      | 0x000E | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+
* </pre>
*
* <h3>3 bytes length field at the end of 5 bytes header, do not strip header</h3>
*
* The following message is a simple variation of the first example.  An extra
* header value is prepended to the message.  <tt>lengthAdjustment</tt> is zero
* again because the decoder always takes the length of the prepended data into
* account during frame length calculation.
* <pre>
* <b>lengthFieldOffset</b>   = <b>2</b> (= the length of Header 1)
* <b>lengthFieldLength</b>   = <b>3</b>
* lengthAdjustment    = 0
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)                      AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* | Header 1 |  Length  | Actual Content |----->| Header 1 |  Length  | Actual Content |
* |  0xCAFE  | 0x00000C | "HELLO, WORLD" |      |
  0xCAFE  | 0x00000C | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>
*
* <h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>
*
* This is an advanced example that shows the case where there is an extra
* header between the length field and the message body.  You have to specify a
* positive <tt>lengthAdjustment</tt> so that the decoder counts the extra
* header into the frame length calculation.
* <pre>
* lengthFieldOffset   = 0
* lengthFieldLength   = 3
* <b>lengthAdjustment</b>    = <b>2</b> (= the length of Header 1)
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)                      AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* |  Length  | Header 1 | Actual Content |----->|  Length  | Header 1 | Actual Content |
```

```
* | 0x00000C |  0xCAFE  | "HELLO, WORLD" |      | 0x00000C |  0xCAFE  | "HELLO,
 WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
*     strip the first header field and the length field</h3>
*
* This is a combination of all the examples above.  There are the prepended
* header before the length field and the extra header after the length field.
* The prepended header affects the <tt>lengthFieldOffset</tt> and the extra
* header affects the <tt>lengthAdjustment</tt>.  We also specified a non-zero
* <tt>initialBytesToStrip</tt> to strip the length field and the prepended
* header from the frame.  If you don't want to strip the prepended header, you
* could specify <tt>0</tt> for <tt>initialBytesToSkip</tt>.
* <pre>
* lengthFieldOffset   = 1 (= the length of HDR1)
* lengthFieldLength   = 2
* <b>lengthAdjustment</b>    = <b>1</b> (= the length of HDR2)
* <b>initialBytesToStrip</b> = <b>3</b> (= the length of HDR1 + LEN)
 *
* BEFORE DECODE (16 bytes)                    AFTER DECODE (13 bytes)
* +------+--------+------+----------------+      +------+----------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +------+--------+------+----------------+      +------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
*     strip the first header field and the length field, the length field
*     represents the length of the whole message</h3>
*
* Let's give another twist to the previous example.  The only difference from
* the previous example is that the length field represents the length of the
* whole message instead of the message body, just like the third example.
* We have to count the length of HDR1 and Length into <tt>lengthAdjustment</tt>.
* Please note that we don't need to take the length of HDR2 into account
* because
 the length field already includes the whole header length.
* <pre>
* lengthFieldOffset   =  1
* lengthFieldLength   =  2
* <b>lengthAdjustment</b>    = <b>-3</b> (= the length of HDR1 + LEN, negative)
* <b>initialBytesToStrip</b> = <b> 3</b>
*
* BEFORE DECODE (16 bytes)                    AFTER DECODE (13 bytes)
* +------+--------+------+----------------+      +------+----------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
```

```
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +------+--------+------+----------------+      +------+----------------+
* </pre>
* @see LengthFieldPrepender
*/
```

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* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java
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* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/HeadersUtils.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/ProtocolDetectionResult.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-jar/io/netty/handler/codec/ProtocolDetectionState.java
* /opt/cola/permits/1258507647_1643078432.83/0/netty-codec-4-1-35-final-sources-

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1.1343 databinding 1.4.0.I20110111-0800

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1.1344 jackson-xc 2.11.3

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1.1345 netty-codec-http 4.1.35.Final

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* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/ReadOnlyHttpHeaders.java
*
 /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketScheme.java
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* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/cors/CorsConfig.java
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* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocket13FrameEncoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocket08FrameDecoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocket08FrameEncoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocket07FrameDecoder.java
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* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/spdy/SpdySynStreamFrame.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/spdy/SpdySynReplyFrame.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/DefaultFullHttpResponse.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyWindowUpdateFrame.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/spdy/SpdyStreamFrame.java
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* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyHeaders.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketFrameEncoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyHeadersFrame.java
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* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/FullHttpRequest.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/spdy/SpdyRstStreamFrame.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyDataFrame.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdySynStreamFrame.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockEncoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrame.java
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* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolHandler.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/spdy/SpdyGoAwayFrame.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/spdy/SpdyHttpDecoder.java
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 /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/spdy/SpdyVersion.java
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* /opt/cola/permits/1258810303_1643113042.78/0/drools-decisiontables-4-0-7-sources-jar/org/drools/decisiontable/parser/DefaultTemplateContainer.java
* /opt/cola/permits/1258810303_1643113042.78/0/drools-decisiontables-4-0-7-sources-jar/org/drools/decisiontable/parser/DefaultTemplateColumn.java
* /opt/cola/permits/1258810303_1643113042.78/0/drools-decisiontables-4-0-7-sources-jar/org/drools/decisiontable/model/DRLOutput.java
*
/opt/cola/permits/1258810303_1643113042.78/0/drools-decisiontables-4-0-7-sources-jar/org/drools/decisiontable/model/Duration.java
* /opt/cola/permits/1258810303_1643113042.78/0/drools-decisiontables-4-0-7-sources-jar/org/drools/decisiontable/parser/LongCell.java
* /opt/cola/permits/1258810303_1643113042.78/0/drools-decisiontables-4-0-7-sources-jar/org/drools/decisiontable/parser/Row.java
* /opt/cola/permits/1258810303_1643113042.78/0/drools-decisiontables-4-0-7-sources-jar/org/drools/decisiontable/parser/SheetListener.java
* /opt/cola/permits/1258810303_1643113042.78/0/drools-decisiontables-4-0-7-sources-jar/org/drools/decisiontable/parser/DefaultGenerator.java

* /opt/cola/permits/1258810303_1643113042.78/0/drools-decisiontables-4-0-7-sources-jar/org/drools/decisiontable/parser/RuleSheetParserUtil.java
* /opt/cola/permits/1258810303_1643113042.78/0/drools-decisiontables-4-0-7-sources-jar/org/drools/decisiontable/parser/ArrayColumn.java
*
/opt/cola/permits/1258810303_1643113042.78/0/drools-decisiontables-4-0-7-sources-jar/org/drools/decisiontable/SpreadsheetCompiler.java
* /opt/cola/permits/1258810303_1643113042.78/0/drools-decisiontables-4-0-7-sources-jar/org/drools/decisiontable/parser/DecisionTableParser.java

1.1347 org.eclipse.mylyn.wikitext.confluence.core 1.5.0-SNAPSHOT

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1.1348 jetcd-all 0.2.0-SNAPSHOT

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1.1349 hazelcast-client-protocol 1.3.0

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*/
/**
```

```
    * This method changes the given async cause, and it adds the also given local stacktrace separated by the
    * supplied exception message.<br/>
    * If the remoteCause is an {@link java.util.concurrent.ExecutionException} and it has a non-null inner
    * cause, this inner cause is unwrapped
 and the local stacktrace and exception message are added to the
    * that instead of the given remoteCause itself.
    *
    * @param asyncCause           the async exception
    * @param localSideStackTrace   the local stacktrace to add to the exceptions stacktrace
    * @param localExceptionMessage a special exception message which is added to the stacktrace
    */
```

Found in path(s):
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/util/ExceptionUtil.java
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* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/SemaphoreCodecTemplate.java
*
 /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/CountdownLatchCodecTemplate.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/MapReduceCodecTemplate.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/ClientMessageTemplate.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/XATransactionalCodecTemplate.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-

jar/com/hazelcast/client/impl/protocol/template/ListCodecTemplate.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/package-info.java
*
/opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/TransactionalListCodecTemplate.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/EventResponseTemplate.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/codec/DistributedObjectInfoCodec.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/codec/QueryCacheEventDataCodec.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/codec/StackTraceElementCodec.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/codec/AddressCodec.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/TemplateConstants.java
*
/opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/TransactionalMapCodecTemplate.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/MultiMapCodecTemplate.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/TransactionalQueueCodecTemplate.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/codec/ErrorCodec.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/TransactionalSetCodecTemplate.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/ConditionCodecTemplate.java
*
/opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/TopicCodecTemplate.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/AtomicLongCodecTemplate.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/codec/package-info.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/EnterpriseMapCodecTemplate.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/SetCodecTemplate.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/codec/MemberCodec.java
*
/opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/ReplicatedMapCodecTemplate.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-

jar/com/hazelcast/client/impl/protocol/codec/EntryViewCodec.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/codec/JobPartitionStateCodec.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/codec/CacheEventDataCodec.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/LockCodecTemplate.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/ResponseTemplate.java
*
 /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/AtomicReferenceCodecTemplate.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/MapCodecTemplate.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/CacheCodecTemplate.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/DurableExecutorCodecTemplate.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/ExecutorServiceCodecTemplate.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/TransactionalMultiMapCodecTemplate.java
*
 /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/template/TransactionalCodecTemplate.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/client/impl/protocol/codec/XIDCodec.java
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*/
/**
* <p>
* Aligned {@link MemoryAccessor} which checks for and handles unaligned memory access
* by splitting a larger-size memory operation into several smaller-size ones
```

```
* (which have finer-grained alignment requirements).
* </p><p>
* A few notes on this implementation:
* <ul>
*     <li>
*
      There is no atomicity guarantee for unaligned memory accesses.
*       In fact, even on platforms which support unaligned memory accesses,
*       there is no guarantee for atomicity when there is unaligned memory accesses.
*       On later Intel processors, unaligned access within the cache line is atomic,
*       but access that straddles cache lines is not.
*       See http://psy-lob-saw.blogspot.com.tr/2013/07/atomicity-of-unaligned-memory-access-in.html
*       for more details.
*     </li>
*     <li>Unaligned memory access is not supported for CAS operations. </li>
*     <li>Unaligned memory access is not supported for ordered writes. </li>
* </ul>
* </p>
*/
```

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* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/internal/memory/impl/AlignmentAwareMemoryAccessor.java
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* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/util/collection/LongIterator.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/util/collection/Hashing.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/util/collection/IntIterator.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/util/collection/Long2LongHashMap.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/util/collection/Long2ObjectHashMap.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/util/collection/LongHashSet.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/util/collection/Int2ObjectHashMap.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/util/collection/BiInt2ObjectMap.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/util/collection/IntHashSet.java
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* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/cache/impl/ICacheService.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/spi/discovery/integration/DiscoveryServiceProvider.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/internal/serialization/impl/ClassDefinitionImpl.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/spi/partitiongroup/package-info.java
* /opt/cola/permits/1258805541_1643112111.17/0/hazelcast-client-protocol-1-3-0-sources-jar/com/hazelcast/multimap/impl/MultiMapContainer.java

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1.1350 spring-ws-core 1.5.8

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* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/server/endpoint/interceptor/PayloadLoggingInterceptor.java
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* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/soap/axiom/AxiomAttachmentException.java
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* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/transport/context/DefaultTransportContext.java
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* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/WebServiceMessage.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/soap/server/endpoint/SimpleSoapExceptionResolver.java
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* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/wsdl/wsdl11/provider/PortTypesProvider.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/soap/axiom/CachingPayload.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/transport/support/TransportUtils.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/client/support/destination/Wsdl11DestinationProvider.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/wsdl/wsdl11/DefaultWsdl11Definition.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/wsdl/wsdl11/provider/TypesProvider.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/wsdl/wsdl11/provider/ImportsProvider.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/wsdl/wsdl11/provider/InliningXsdSchemaTypesProvider.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/wsdl/wsdl11/provider/MessagesProvider.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/client/support/interceptor/ClientInterceptor.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/soap/addressing/server/AbstractActionMethodEndpointMapping.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/wsdl/wsdl11/provider/SoapProvider.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/wsdl/wsdl11/provider/DefaultMessagesProvider.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/wsdl/wsdl11/provider/SuffixBasedMessagesProvider.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/client/support/destination/AbstractCachingDestinationProvider.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/wsdl/wsdl11/provider/ServicesProvider.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/wsdl/wsdl11/provider/SuffixBasedPortTypesProvider.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/soap/addressing/server/SimpleActionEndpointMapping.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/wsdl/wsdl11/provider/DefaultConcretePartProvider.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/soap/axiom/Payload.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/wsdl/wsdl11/provider/Soap12Provider.java

*
 /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/soap/axiom/AxiomResult.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/soap/axiom/NonCachingPayload.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/transport/http/LastModifiedHelper.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/server/endpoint/mapping/UriEndpointMapping.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/client/support/interceptor/AbstractValidatingInterceptor.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/wsdl/wsdl11/provider/AbstractPortTypesProvider.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/soap/support/SoapUtils.java
*
 /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/soap/addressing/client/ActionCallback.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/wsdl/wsdl11/ProviderBasedWsdl4jDefinition.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/client/support/destination/DestinationProvider.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/wsdl/wsdl11/provider/BindingsProvider.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/client/support/destination/DestinationProvisionException.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/soap/addressing/server/AbstractActionEndpointMapping.java
* /opt/cola/permits/1258810174_1643111386.91/0/spring-ws-core-1-5-8-sources-jar/org/springframework/ws/wsdl/wsdl11/provider/Soap11Provider.java

1.1351 generex 1.0.1

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* /opt/cola/permits/1258806810_1643112517.76/0/generex-1-0-1-sources-jar/com/mifmif/common/regex/util/Iterator.java
* /opt/cola/permits/1258806810_1643112517.76/0/generex-1-0-1-sources-jar/com/mifmif/common/regex/GenerexIterator.java
* /opt/cola/permits/1258806810_1643112517.76/0/generex-1-0-1-sources-jar/com/mifmif/common/regex/Node.java
* /opt/cola/permits/1258806810_1643112517.76/0/generex-1-0-1-sources-jar/com/mifmif/common/regex/Main.java
* /opt/cola/permits/1258806810_1643112517.76/0/generex-1-0-1-sources-jar/com/mifmif/common/regex/Generex.java

1.1352 droolsjsr 4.0.7

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* /opt/cola/permits/1258802460_1643111480.15/0/drools-jsr94-4-0-7-sources-jar/org/drools/jsr94/rules/AbstractRuleSessionImpl.java
* /opt/cola/permits/1258802460_1643111480.15/0/drools-jsr94-4-0-7-sources-jar/org/drools/jsr94/rules/Constants.java
*
 /opt/cola/permits/1258802460_1643111480.15/0/drools-jsr94-4-0-7-sources-jar/org/drools/jsr94/rules/StatelessRuleSessionImpl.java
* /opt/cola/permits/1258802460_1643111480.15/0/drools-jsr94-4-0-7-sources-jar/org/drools/jsr94/rules/Jsr94FactHandleFactory.java
* /opt/cola/permits/1258802460_1643111480.15/0/drools-jsr94-4-0-7-sources-jar/org/drools/jsr94/rules/admin/RuleExecutionSetImpl.java
* /opt/cola/permits/1258802460_1643111480.15/0/drools-jsr94-4-0-7-sources-jar/org/drools/jsr94/rules/admin/RuleImpl.java
* /opt/cola/permits/1258802460_1643111480.15/0/drools-jsr94-4-0-7-sources-jar/org/drools/jsr94/rules/RuleExecutionSetMetadataImpl.java
* /opt/cola/permits/1258802460_1643111480.15/0/drools-jsr94-4-0-7-sources-jar/org/drools/jsr94/rules/admin/RuleExecutionSetRepository.java
* /opt/cola/permits/1258802460_1643111480.15/0/drools-jsr94-4-0-7-sources-jar/org/drools/jsr94/rules/RuleServiceProviderImpl.java
* /opt/cola/permits/1258802460_1643111480.15/0/drools-jsr94-4-0-7-sources-jar/org/drools/jsr94/rules/admin/RuleAdministratorImpl.java
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* /opt/cola/permits/1258802460_1643111480.15/0/drools-jsr94-4-0-7-sources-jar/org/drools/jsr94/rules/admin/LocalRuleExecutionSetProviderImpl.java
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1.1353 opentracing-util 0.31.0

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* /opt/cola/permits/1258802285_1643112872.0/0/opentracing-util-0-31-0-sources-jar/io/opentracing/util/ThreadLocalScope.java
* /opt/cola/permits/1258802285_1643112872.0/0/opentracing-util-0-31-0-sources-

jar/io/opentracing/util/ThreadLocalScopeManager.java
*
 /opt/cola/permits/1258802285_1643112872.0/0/opentracing-util-0-31-0-sources-jar/io/opentracing/util/AutoFinishScopeManager.java
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1.1354 jetty-websocket 8.1.10.v20130312

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* /opt/cola/permits/1258802467_1643111486.63/0/jetty-websocket-8-1-10-v20130312-sources-jar/org/eclipse/jetty/websocket/MaskGen.java
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* /opt/cola/permits/1258802467_1643111486.63/0/jetty-websocket-8-1-10-v20130312-sources-jar/org/eclipse/jetty/websocket/DeflateFrameExtension.java
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* /opt/cola/permits/1258802467_1643111486.63/0/jetty-websocket-8-1-10-v20130312-sources-jar/org/eclipse/jetty/websocket/WebSocketGenerator.java
* /opt/cola/permits/1258802467_1643111486.63/0/jetty-websocket-8-1-10-v20130312-sources-jar/org/eclipse/jetty/websocket/IdentityExtension.java
* /opt/cola/permits/1258802467_1643111486.63/0/jetty-websocket-8-1-10-v20130312-sources-jar/org/eclipse/jetty/websocket/WebSocketConnectionD00.java
* /opt/cola/permits/1258802467_1643111486.63/0/jetty-websocket-8-1-10-v20130312-sources-jar/org/eclipse/jetty/websocket/WebSocketBuffers.java
* /opt/cola/permits/1258802467_1643111486.63/0/jetty-websocket-8-1-10-v20130312-sources-jar/org/eclipse/jetty/websocket/WebSocketParserD08.java
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* /opt/cola/permits/1258802467_1643111486.63/0/jetty-websocket-8-1-10-v20130312-sources-jar/org/eclipse/jetty/websocket/WebSocketServletConnectionD06.java
* /opt/cola/permits/1258802467_1643111486.63/0/jetty-websocket-8-1-10-v20130312-sources-jar/org/eclipse/jetty/websocket/WebSocketGeneratorD06.java
* /opt/cola/permits/1258802467_1643111486.63/0/jetty-websocket-8-1-10-v20130312-sources-jar/org/eclipse/jetty/websocket/WebSocket.java
*
/opt/cola/permits/1258802467_1643111486.63/0/jetty-websocket-8-1-10-v20130312-sources-jar/org/eclipse/jetty/websocket/WebSocketFactory.java
* /opt/cola/permits/1258802467_1643111486.63/0/jetty-websocket-8-1-10-v20130312-sources-jar/org/eclipse/jetty/websocket/RandomMaskGen.java
* /opt/cola/permits/1258802467_1643111486.63/0/jetty-websocket-8-1-10-v20130312-sources-jar/org/eclipse/jetty/websocket/WebSocketServletConnection.java
* /opt/cola/permits/1258802467_1643111486.63/0/jetty-websocket-8-1-10-v20130312-sources-jar/org/eclipse/jetty/websocket/WebSocketConnectionD06.java
* /opt/cola/permits/1258802467_1643111486.63/0/jetty-websocket-8-1-10-v20130312-sources-jar/org/eclipse/jetty/websocket/WebSocketServletConnectionD08.java
* /opt/cola/permits/1258802467_1643111486.63/0/jetty-websocket-8-1-10-v20130312-sources-jar/org/eclipse/jetty/websocket/AbstractExtension.java
* /opt/cola/permits/1258802467_1643111486.63/0/jetty-websocket-8-1-10-v20130312-sources-jar/org/eclipse/jetty/websocket/FixedMaskGen.java
*
/opt/cola/permits/1258802467_1643111486.63/0/jetty-websocket-8-1-10-v20130312-sources-jar/org/eclipse/jetty/websocket/WebSocketConnectionRFC6455.java
* /opt/cola/permits/1258802467_1643111486.63/0/jetty-websocket-8-1-10-v20130312-sources-jar/org/eclipse/jetty/websocket/WebSocketParserD06.java
* /opt/cola/permits/1258802467_1643111486.63/0/jetty-websocket-8-1-10-v20130312-sources-jar/org/eclipse/jetty/websocket/WebSocketConnectionD08.java
* /opt/cola/permits/1258802467_1643111486.63/0/jetty-websocket-8-1-10-v20130312-sources-jar/org/eclipse/jetty/websocket/Extension.java

1.1355 jetty-rewrite 8.1.10.v20130312

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* /opt/cola/permits/1258806392_1643112762.92/0/jetty-rewrite-8-1-10-v20130312-sources-jar/org/eclipse/jetty/rewrite/handler/RewriteHandler.java
* /opt/cola/permits/1258806392_1643112762.92/0/jetty-rewrite-8-1-10-v20130312-sources-jar/org/eclipse/jetty/rewrite/handler/HeaderRule.java
* /opt/cola/permits/1258806392_1643112762.92/0/jetty-rewrite-8-1-10-v20130312-sources-jar/org/eclipse/jetty/rewrite/handler/RedirectPatternRule.java
* /opt/cola/permits/1258806392_1643112762.92/0/jetty-rewrite-8-1-10-v20130312-sources-jar/org/eclipse/jetty/rewrite/handler/LegacyRule.java
* /opt/cola/permits/1258806392_1643112762.92/0/jetty-rewrite-8-1-10-v20130312-sources-jar/org/eclipse/jetty/rewrite/handler/RewritePatternRule.java
* /opt/cola/permits/1258806392_1643112762.92/0/jetty-rewrite-8-1-10-v20130312-sources-jar/org/eclipse/jetty/rewrite/handler/CookiePatternRule.java
* /opt/cola/permits/1258806392_1643112762.92/0/jetty-rewrite-8-1-10-v20130312-sources-jar/org/eclipse/jetty/rewrite/handler/VirtualHostRuleContainer.java
* /opt/cola/permits/1258806392_1643112762.92/0/jetty-rewrite-8-1-10-v20130312-sources-jar/org/eclipse/jetty/rewrite/handler/RegexRule.java
* /opt/cola/permits/1258806392_1643112762.92/0/jetty-rewrite-8-1-10-v20130312-sources-jar/org/eclipse/jetty/rewrite/handler/ProxyRule.java
* /opt/cola/permits/1258806392_1643112762.92/0/jetty-rewrite-8-1-10-v20130312-sources-jar/org/eclipse/jetty/rewrite/handler/MsieSslRule.java
* /opt/cola/permits/1258806392_1643112762.92/0/jetty-rewrite-8-1-10-v20130312-sources-jar/org/eclipse/jetty/rewrite/handler/Rule.java
* /opt/cola/permits/1258806392_1643112762.92/0/jetty-rewrite-8-1-10-v20130312-sources-jar/org/eclipse/jetty/rewrite/handler/RedirectRegexRule.java
* /opt/cola/permits/1258806392_1643112762.92/0/jetty-rewrite-8-1-10-v20130312-sources-jar/org/eclipse/jetty/rewrite/handler/ResponsePatternRule.java
* /opt/cola/permits/1258806392_1643112762.92/0/jetty-rewrite-8-1-10-v20130312-sources-jar/org/eclipse/jetty/rewrite/handler/RewriteRegexRule.java
* /opt/cola/permits/1258806392_1643112762.92/0/jetty-rewrite-8-1-10-v20130312-sources-jar/org/eclipse/jetty/rewrite/handler/ValidUrlRule.java
* /opt/cola/permits/1258806392_1643112762.92/0/jetty-rewrite-8-1-10-v20130312-sources-jar/org/eclipse/jetty/rewrite/handler/HeaderPatternRule.java
* /opt/cola/permits/1258806392_1643112762.92/0/jetty-rewrite-8-1-10-v20130312-sources-jar/org/eclipse/jetty/rewrite/handler/PatternRule.java
* /opt/cola/permits/1258806392_1643112762.92/0/jetty-rewrite-8-1-10-v20130312-sources-jar/org/eclipse/jetty/rewrite/handler/RuleContainer.java
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1.1356 jackson-jaxrs 2.11.3

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1.1357 drools-compiler 4.0.7

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* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/commons/jci/readers/ResourceReader.java

* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/commons/jci/stores/ResourceStore.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/commons/jci/compilers/EclipseJavaCompilerSettings.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/commons/jci/compilers/JaninoJavaCompilerSettings.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/commons/jci/problems/CompilationProblem.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/commons/jci/compilers/EclipseCompilationProblem.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/commons/jci/compilers/EclipseJavaCompiler.java
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* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/commons/jci/compilers/AbstractJavaCompiler.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/commons/jci/readers/MemoryResourceReader.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/commons/jci/compilers/JavaCompiler.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/commons/jci/compilers/CompilationResult.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/commons/jci/compilers/JavaCompilerSettings.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/commons/jci/compilers/JavaCompilerFactory.java
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* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/descr/PatternDestinationDescr.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/descr/PatternSourceDescr.java
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* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/xml/PatternHandler.java
*
 /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/compiler/DrlParser.java
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* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/xml/EvalHandler.java
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* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/descr/BaseDescr.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/xml/VariableRestrictionsHandler.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/compiler/ParserError.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/descr/RestrictionDescr.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/xml/QueryHandler.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/compiler/PackageBuilderConfiguration.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/descr/FieldConstraintDescr.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/xml/Configuration.java
*
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* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/xml/FromHandler.java
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* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/xml/AndHandler.java
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* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/xml/RestrictionConnectiveHandler.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/xml/FunctionHandler.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/descr/CollectDescr.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/descr/QualifiedIdentifierRestrictionDescr.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/descr/ConditionalElementDescr.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/descr/FunctionDescr.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-

jar/org/drools/compiler/ProcessBuilder.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/descr/EvalDescr.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/xml/AccumulateHelperHandler.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/descr/Restriction.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/compiler/DroolsParserException.java
*
/opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/descr/NotDescr.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/descr/OrDescr.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/descr/ExistsDescr.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/compiler/DroolsError.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/descr/PredicateDescr.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/dsl/DefaultExpander.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/xml/Handler.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/xml/FieldBindingHandler.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/compiler/FieldTemplateError.java
*
/opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/xml/FieldConstraintHandler.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/xml/QualifiedIdentifierRestrictionHandler.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/ExpanderException.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/descr/FieldBindingDescr.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/rule/builder/dialect/java/KnowledgeHelperFixer.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/dsl/MappingError.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/xml/ExpressionHandler.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/xml/ReturnValueRestrictionHandler.java
*
/opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/descr/LiteralRestrictionDescr.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-

jar/org/drools/lang/ParseException.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/xml/ExistsHandler.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/compiler/RuleError.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/rule/builder/dialect/mvel/MVELExprAnalyzer.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/xml/CollectHandler.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/descr/AccumulateDescr.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/compiler/PackageBuilder.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/descr/QueryDescr.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/compiler/FactTemplateError.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/xml/NotHandler.java
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* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/rule/builder/dialect/java/JavaAnalysisResult.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/rule/builder/dialect/mvel/MVELAnalysisResult.java

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* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/dsl/DSLMappingEntry.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/rule/builder/dialect/mvel/MVELEvalBuilder.java
*

/opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/dsl/DSLMappingParseException.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/rule/builder/ForallBuilder.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/rule/builder/dialect/mvel/MVELFromBuilder.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/rule/builder/dialect/mvel/MVELReturnValueBuilder.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/descr/ImportDescr.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/rule/builder/PatternBuilder.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/rule/builder/GroupElementBuilder.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/descr/GlobalDescr.java
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/opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/rule/builder/dialect/java/JavaEvalBuilder.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/dsl/DefaultDSLMapping.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/rule/builder/RuleConditionBuilder.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/rule/builder/dialect/java/JavaAccumulateBuilder.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/rule/builder/dialect/java/JavaRuleClassBuilder.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/rule/builder/RuleBuildContext.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/dsl/DSLMapping.java
*
/opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/descr/FunctionImportDescr.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/rule/builder/dialect/java/JavaConsequenceBuilder.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/dsl/DSLMappingFile.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/rule/builder/CollectBuilder.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/lang/descr/ForallDescr.java
* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/rule/builder/dialect/mvel/MVELPredicateBuilder.java
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* /opt/cola/permits/1258807444_1643111727.66/0/drools-compiler-4-0-7-sources-jar/org/drools/rule/builder/dialect/mvel/MVELAccumulateBuilder.java

1.1358 milyn-smooks-fixed-length 1.5.1

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1.1359 milyn-scribe-core 1.5.1

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1.1361 drools-ant 4.0.7

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* /opt/cola/permits/1258803810_1643112828.08/0/drools-ant-4-0-7-sources-jar/org/drools/contrib/DroolsCompilerAntTask.java

1.1362 jeromq 0.3.5-SNAPSHOT

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1.1363 gxt 3.0.6

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d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not

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5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section
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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work
is a derivative of the Library, you may
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6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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1.1366 milyn-smooks-core 1.5.1

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d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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1.1372 jackson-dataformat-yaml 2.7.7

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1.1373 milyn-smooks-persistence 1.5.1

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1.1374 milyn-smooks-routing 1.5.1

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1.1375 kryo-serializers 0.9

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* /opt/cola/permits/1258810493_1643112706.4/0/kryo-serializers-0-9-sources-jar/de/javakaffee/kryoserializers/cglib/CGLibProxySerializer.java
* /opt/cola/permits/1258810493_1643112706.4/0/kryo-serializers-0-9-sources-jar/de/javakaffee/kryoserializers/CollectionsEmptySetSerializer.java
* /opt/cola/permits/1258810493_1643112706.4/0/kryo-serializers-0-9-sources-jar/de/javakaffee/kryoserializers/ClassSerializer.java
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* /opt/cola/permits/1258810493_1643112706.4/0/kryo-serializers-0-9-sources-jar/de/javakaffee/kryoserializers/KryoReflectionFactorySupport.java
* /opt/cola/permits/1258810493_1643112706.4/0/kryo-serializers-0-9-sources-jar/de/javakaffee/kryoserializers/SynchronizedCollectionsSerializer.java
* /opt/cola/permits/1258810493_1643112706.4/0/kryo-serializers-0-9-sources-

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* /opt/cola/permits/1258810493_1643112706.4/0/kryo-serializers-0-9-sources-jar/de/javakaffee/kryoserializers/CollectionsEmptyMapSerializer.java
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* /opt/cola/permits/1258810493_1643112706.4/0/kryo-serializers-0-9-sources-jar/de/javakaffee/kryoserializers/CollectionsSingletonMapSerializer.java
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*
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* /opt/cola/permits/1258810493_1643112706.4/0/kryo-serializers-0-9-sources-jar/de/javakaffee/kryoserializers/jodatime/JodaDateTimeSerializer.java
* /opt/cola/permits/1258810493_1643112706.4/0/kryo-serializers-0-9-sources-jar/de/javakaffee/kryoserializers/CollectionsSingletonSetSerializer.java
* /opt/cola/permits/1258810493_1643112706.4/0/kryo-serializers-0-9-sources-jar/de/javakaffee/kryoserializers/CollectionsSingletonListSerializer.java
*
/opt/cola/permits/1258810493_1643112706.4/0/kryo-serializers-0-9-sources-jar/de/javakaffee/kryoserializers/SubListSerializer.java

1.1376 pax-swissbox-extender 1.5.0

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* /opt/cola/permits/1258810317_1643111244.43/0/pax-swissbox-extender-1-5-0-sources-jar/org/ops4j/pax/swissbox/extender/BundleEntryScanner.java
* /opt/cola/permits/1258810317_1643111244.43/0/pax-swissbox-extender-1-5-0-sources-jar/org/ops4j/pax/swissbox/extender/BundleURLScanner.java
*
 /opt/cola/permits/1258810317_1643111244.43/0/pax-swissbox-extender-1-5-0-sources-jar/org/ops4j/pax/swissbox/extender/BundleURLEntryScanner.java
* /opt/cola/permits/1258810317_1643111244.43/0/pax-swissbox-extender-1-5-0-sources-jar/org/ops4j/pax/swissbox/extender/BundleScanner.java

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* /opt/cola/permits/1258810317_1643111244.43/0/pax-swissbox-extender-1-5-0-sources-jar/org/ops4j/pax/swissbox/extender/BundleManifestScanner.java

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 /opt/cola/permits/1258810317_1643111244.43/0/pax-swissbox-extender-1-5-0-sources-jar/org/ops4j/pax/swissbox/extender/ManifestFilter.java

1.1377 netty-codec-http 4.1.25.Final

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* /opt/cola/permits/1258802829_1643112972.37/0/netty-codec-http2-4-1-25-final-sources-jar/io/netty/handler/codec/http2/AbstractHttp2ConnectionHandlerBuilder.java
*
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* /opt/cola/permits/1258802829_1643112972.37/0/netty-codec-http2-4-1-25-final-sources-jar/io/netty/handler/codec/http2/CharSequenceMap.java
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* /opt/cola/permits/1258802829_1643112972.37/0/netty-codec-http2-4-1-25-final-sources-jar/io/netty/handler/codec/http2/DecoratingHttp2FrameWriter.java
* /opt/cola/permits/1258802829_1643112972.37/0/netty-codec-http2-4-1-25-final-sources-jar/io/netty/handler/codec/http2/WeightedFairQueueByteDistributor.java
* /opt/cola/permits/1258802829_1643112972.37/0/netty-codec-http2-4-1-25-final-sources-jar/io/netty/handler/codec/http2/DecoratingHttp2ConnectionDecoder.java
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* /opt/cola/permits/1258802829_1643112972.37/0/netty-codec-http2-4-1-25-final-sources-jar/io/netty/handler/codec/http2/UniformStreamByteDistributor.java
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* /opt/cola/permits/1258802829_1643112972.37/0/netty-codec-http2-4-1-25-final-sources-jar/io/netty/handler/codec/http2/DefaultHttp2LocalFlowController.java
* /opt/cola/permits/1258802829_1643112972.37/0/netty-codec-http2-4-1-25-final-sources-jar/io/netty/handler/codec/http2/Http2FlowController.java
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* /opt/cola/permits/1258802829_1643112972.37/0/netty-codec-http2-4-1-25-final-sources-jar/io/netty/handler/codec/http2/ReadOnlyHttp2Headers.java
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1.1381 jetcd-core 0.2.0-SNAPSHOT

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1.1382 jetty-xml 8.1.10.v20130312

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1.1383 milyn-smooks-edi 1.5.1

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1.1384 google-auth-library-credentials 0.13.0

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1.1385 jetty-webapp 8.1.10.v20130312

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* /opt/cola/permits/1258803759_1643111446.8/0/jetty-webapp-8-1-10-v20130312-sources-jar/org/eclipse/jetty/webapp/FragmentDescriptor.java
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* /opt/cola/permits/1258803759_1643111446.8/0/jetty-webapp-8-1-10-v20130312-sources-jar/org/eclipse/jetty/webapp/CloneConfiguration.java
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1.1386 pax-swissbox-lifecycle 1.5.0

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* /opt/cola/permits/1258811738_1643112976.59/0/pax-swissbox-lifecycle-1-5-0-sources-jar/org/ops4j/pax/swissbox/lifecycle/AbstractLifecycle.java

1.1387 splunk-library-javalogging 1.7.3

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Bnd-LastModified: 1547073101819
Build-Jdk: 1.8.0_191
Built-By: lburgazz
Bundle-Description: Java Client for etcd V3
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-ManifestVersion: 2
Bundle-Name: etcd :: jetcd-common
Bundle-SymbolicName: io.etcd.jetcd-common
Bundle-Version: 0.3.0
Created-By: Apache Maven Bundle Plugin
Export-Package: io.etcd.jetcd.common.exception;uses:="io.grpc";version
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Import-Package: com.google.common.base;version="[26.0,27)",io.grpc
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Tool: Bnd-4.1.0.201810181252

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1.1391 milyn-smooks-calc 1.5.1

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1.1392 pax-web-jetty 2.1.6

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* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/util/X509TrustManagerWrapper.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/flow/package-info.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java
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* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/package-info.java
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* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/timeout/IdleState.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/timeout/IdleStateHandler.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/NotSslRecordException.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/SslHandler.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/timeout/ReadTimeoutException.java
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* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/stream/ChunkedFile.java
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* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/stream/package-info.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/stream/ChunkedInput.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/logging/package-info.java
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* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/stream/ChunkedNioStream.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/timeout/WriteTimeoutException.java
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* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/IdentityCipherSuiteFilter.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/CipherSuiteConverter.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/JdkSslClientContext.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ipfilter/AbstractRemoteAddressFilter.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/SslContext.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/JettyAlpnSslEngine.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolUtil.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/OpenSslClientContext.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/OpenSslServerSessionContext.java
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* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactory.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolConfig.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/util/InsecureTrustManagerFactory.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/OpenSslContext.java
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* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/JdkNpnApplicationProtocolNegotiator.java
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* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/SslProvider.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/OpenSsl.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/util/OpenJdkSelfSignedCertGenerator.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/OpenSslX509Certificate.java
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* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/JdkBaseApplicationProtocolNegotiator.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/PemReader.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/OpenSslApplicationProtocolNegotiator.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/OpenSslEngineMap.java
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* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ipfilter/UniqueIpFilter.java
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* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/Java7SslParametersUtils.java
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* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/OptionalSslHandler.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/ssl/Java9SslUtils.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-

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* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/traffic/package-info.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/traffic/GlobalTrafficShapingHandler.java
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/traffic/ChannelTrafficShapingHandler.java
*
 /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/io/netty/handler/traffic/TrafficCounter.java
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Found in path(s):
* /opt/cola/permits/1258808056_1643112950.8/0/netty-handler-4-1-25-final-sources-jar/META-INF/maven/io.netty/netty-handler/pom.xml

1.1395 ops4j-base-lang 1.3.0

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* /opt/cola/permits/1258810923_1643112474.71/0/ops4j-base-lang-1-3-0-sources-jar/org/ops4j/lang/NullArgumentException.java
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* /opt/cola/permits/1258810923_1643112474.71/0/ops4j-base-lang-1-3-0-sources-jar/org/ops4j/lang/PostConditionException.java
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* /opt/cola/permits/1258810923_1643112474.71/0/ops4j-base-lang-1-3-0-sources-jar/org/ops4j/lang/Ops4jException.java

1.1396 org.eclipse.rap.design.example 2.3.2-SNAPSHOT

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1.1397 gwt-crypto 1.0.3

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* /opt/cola/permits/1258805138_1643112275.98/0/gwt-crypto-1-0-3-jar/com/googlecode/gwt/crypto/gwtx/io/IOException.java
* /opt/cola/permits/1258805138_1643112275.98/0/gwt-crypto-1-0-3-jar/com/googlecode/gwt/crypto/gwtx/io/ByteArrayOutputStream.java
* /opt/cola/permits/1258805138_1643112275.98/0/gwt-crypto-1-0-3-jar/com/googlecode/gwt/crypto/gwtx/io/UnsupportedEncodingException.java
* /opt/cola/permits/1258805138_1643112275.98/0/gwt-crypto-1-0-3-jar/com/googlecode/gwt/crypto/gwtx/io/OutputStream.java

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* /opt/cola/permits/1258805138_1643112275.98/0/gwt-crypto-1-0-3-jar/com/googlecode/gwt/crypto/gwtx/io/Flushable.java
*
 /opt/cola/permits/1258805138_1643112275.98/0/gwt-crypto-1-0-3-jar/com/googlecode/gwt/crypto/gwtx/io/Closeable.java

1.1398 kubernetes-client 4.1.0

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* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/TerminateTimeTailPrettyLoggable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/utils/URLFromServiceUtil.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/PortForward.java
*
 /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/RecreateFromServerGettable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/Execable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/TimeoutImageEditReplacePatchable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/Watcher.java

* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/Editable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/internal/patchmixins/BuildMixIn.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/NetworkAPIGroupDSL.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/internal/PortForwarderWebsocket.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/internal/patchmixins/ObjectMetaMixIn.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/CustomResourceDoneable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/handlers/KubernetesClusterRoleBindingHandler.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/internal/NodeOperationsImpl.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/internal/ConfigMapOperationsImpl.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/handlers/StatefulSetHandler.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/StorageAPIGroupClient.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/TimeTailPrettyLoggable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/BatchAPIGroupExtensionAdapter.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/ParameterMixedOperation.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/WithRequestCallable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/handlers/ConfigMapHandler.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/TtyExecInputOutputErrorable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/Nameable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/ImageEditReplacePatchable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/Version.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/utils/NonBlockingInputStreamPumper.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/CreateFromServerGettable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-

jar/io/fabric8/kubernetes/client/dsl/internal/RollingUpdater.java
*
/opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/handlers/HorizontalPodAutoscalerHandler.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/AutoAdaptableKubernetesClient.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/dsl/NamespaceVisitFromServerGetWatchDeleteRecreateWaitApplicable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/dsl/KubernetesListOperation.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/handlers/KubernetesRoleHandler.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/Client.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/dsl/RecreateApplicable.java
*
/opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/dsl/Filterable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/dsl/internal/KubernetesClusterRoleBindingOperationsImpl.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/dsl/internal/ReplicaSetRollingUpdater.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/handlers/CustomResourceDefinitionHandler.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/dsl/VersionWatchable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/ClientAware.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/internal/serializationmixins/ReplicationControllerMixIn.java
*
/opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/handlers/ReplicaSetHandler.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/dsl/PodResource.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/dsl/internal/PersistentVolumeOperationsImpl.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/dsl/TtyExecErrorable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/Watch.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/handlers/DaemonSetHandler.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/dsl/internal/HorizontalPodAutoscalerOperationsImpl.java
*

/opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/APIGroupExtensionAdapter.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/Gettable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/internal/CustomResourceOperationsImpl.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/FunctionCallable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/TtyExecOutputErrorable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/ExtensionsAPIGroupDSL.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/Tailable.java
*
/opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/Lockable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/handlers/ServiceHandler.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/RequestConfigurable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/OperationInfo.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/internal/StorageClassOperationsImpl.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/NamespacedKubernetesClient.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/EditReplacePatchDeletable.java
*
/opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/CustomResourceList.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/internal/PatchUtils.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/handlers/LimitRangeHandler.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/handlers/SecretHandler.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/utils/URLUtils.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/NetworkAPIGroupExtensionAdapter.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/handlers/ServiceAccountHandler.java
*
/opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/internal/PortForwarder.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-

jar/io/fabric8/kubernetes/client/dsl/Timestampable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/dsl/ErrorChannelable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/AppsAPIGroupExtensionAdapter.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/dsl/Watchable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/URLFromNodePortImpl.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/handlers/ReplicationControllerHandler.java
*
/opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/utils/ReplaceValueStream.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/dsl/Timeable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/dsl/base/BaseOperation.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/dsl/internal/KubernetesRoleOperationsImpl.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/dsl/internal/RollableScalableResourceOperation.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/dsl/ScalableResource.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/handlers/NamespaceHandler.java
*
/opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/Callback.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/dsl/Cascading.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/Handlers.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/dsl/Namespaceable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/dsl/internal/NamespaceVisitFromServerGetWatchDeleteRecreateWaitApplicableIm
pl.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
jar/io/fabric8/kubernetes/client/dsl/CreateListFromLoadable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-
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* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/internal/CertUtils.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/handlers/PodHandler.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-

jar/io/fabric8/kubernetes/client/dsl/internal/JobOperationsImpl.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/internal/ExecWebSocketListener.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/BatchAPIGroupDSL.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/KubernetesClientTimeoutException.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/base/HasMetadataOperation.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/FilterWatchListMultiDeletable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/utils/ImpersonatorInterceptor.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/internal/KubeConfigUtils.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/utils/InputStreamPumper.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/KubernetesClient.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/internal/serializationmixins/ObjectMetaMixIn.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/ExecListener.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/internal/PodOperationsImpl.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/utils/BlockingInputStreamPumper.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/NonNamespaceOperation.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/utils/HttpClientUtils.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/internal/ReplicationControllerRollingUpdater.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/internal/WatchConnectionManager.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/base/ConfigAndApiGroupsInfo.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/handlers/NetworkPolicyHandler.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/Createable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/Outputable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/internal/NetworkPolicyOperationsImpl.java

* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/Terminateable.java
*
 /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/Versionable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/internal/SSLUtils.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/internal/ReplicationControllerOperationsImpl.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/ResourceHandler.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/handlers/PersistentVolumeClaimHandler.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/RequestConfigHolder.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/internal/CronJobOperationsImpl.java
*
 /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/ExtensionAdapter.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/internal/StatefulSetOperationsImpl.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/internal/StatefulSetRollingUpdater.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/utils/IOHelpers.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/BaseClient.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/ExecListenable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/GetListFromLoadable.java
*
 /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/FromServerGettable.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/NetworkAPIGroupClient.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/BatchAPIGroupClient.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/Adapters.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/RequestConfig.java
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/io/fabric8/kubernetes/client/dsl/Applicable.java
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#

io.fabric8.kubernetes.client.URLFromEnvVarsImpl
io.fabric8.kubernetes.client.URLFromIngressImpl
io.fabric8.kubernetes.client.URLFromNodePortImpl

Found in path(s):
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/META-INF/services/io.fabric8.kubernetes.client.ServiceToURLProvider
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io.fabric8.kubernetes.client.AppsAPIGroupExtensionAdapter
io.fabric8.kubernetes.client.AutoscalingAPIGroupExtensionAdapter
io.fabric8.kubernetes.client.ExtensionsAPIGroupExtensionAdapter
io.fabric8.kubernetes.client.BatchAPIGroupExtensionAdapter
io.fabric8.kubernetes.client.NetworkAPIGroupExtensionAdapter
io.fabric8.kubernetes.client.StorageAPIGroupExtensionAdapter
io.fabric8.kubernetes.client.RbacAPIGroupExtensionAdapter

Found
 in path(s):
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/META-INF/services/io.fabric8.kubernetes.client.ExtensionAdapter
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io.fabric8.kubernetes.client.handlers.ConfigMapHandler
io.fabric8.kubernetes.client.handlers.CustomResourceDefinitionHandler
io.fabric8.kubernetes.client.handlers.CronJobHandler
io.fabric8.kubernetes.client.handlers.DaemonSetHandler
io.fabric8.kubernetes.client.handlers.DeploymentHandler
io.fabric8.kubernetes.client.handlers.EndpointsHandler
io.fabric8.kubernetes.client.handlers.EventHandler
io.fabric8.kubernetes.client.handlers.HorizontalPodAutoscalerHandler
io.fabric8.kubernetes.client.handlers.IngressHandler
io.fabric8.kubernetes.client.handlers.KubernetesClusterRoleBindingHandler
io.fabric8.kubernetes.client.handlers.KubernetesClusterRoleHandler
io.fabric8.kubernetes.client.handlers.KubernetesRoleBindingHandler
io.fabric8.kubernetes.client.handlers.KubernetesRoleHandler
io.fabric8.kubernetes.client.handlers.JobHandler
io.fabric8.kubernetes.client.handlers.LimitRangeHandler
io.fabric8.kubernetes.client.handlers.NamespaceHandler
io.fabric8.kubernetes.client.handlers.NetworkPolicyHandler
io.fabric8.kubernetes.client.handlers.NodeHandler
io.fabric8.kubernetes.client.handlers.PersistentVolumeClaimHandler
io.fabric8.kubernetes.client.handlers.PersistentVolumeHandler
io.fabric8.kubernetes.client.handlers.PodHandler
io.fabric8.kubernetes.client.handlers.PodSecurityPolicyHandler
io.fabric8.kubernetes.client.handlers.ReplicaSetHandler
io.fabric8.kubernetes.client.handlers.ReplicationControllerHandler
io.fabric8.kubernetes.client.handlers.ResourceQuotaHandler
io.fabric8.kubernetes.client.handlers.SecretHandler
```

io.fabric8.kubernetes.client.handlers.ServiceAccountHandler
io.fabric8.kubernetes.client.handlers.ServiceHandler
io.fabric8.kubernetes.client.handlers.StatefulSetHandler
io.fabric8.kubernetes.client.handlers.StorageClassHandler

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 in path(s):
* /opt/cola/permits/1258806739_1643112013.58/0/kubernetes-client-4-1-0-sources-jar/META-INF/services/io.fabric8.kubernetes.client.ResourceHandler

1.1399 jetcd-resolver 0.2.0-SNAPSHOT

1.1399.1 Available under license :

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Manifest-Version: 1.0
Bnd-LastModified: 1547073110698
Build-Jdk: 1.8.0_191
Built-By: lburgazz
Bundle-Description: Java Client for etcd V3
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-ManifestVersion: 2
Bundle-Name: etcd :: jetcd-resolver
Bundle-SymbolicName: io.etcd.jetcd-resolver
Bundle-Version: 0.3.0
Created-By: Apache Maven Bundle Plugin
Export-Package: io.etcd.jetcd.resolver;uses:="io.grpc,javax.annotation
";version="0.3.0"
Import-Package: com.google.common.base;version="[26.0,27)",io.etcd.jet
cd.common.exception;version="[0.3,1)",io.grpc,io.grpc.internal,javax.
annotation;version="[3.0,4)",org.slf4j;version="[1.7,2)"
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-4.1.0.201810181252

Found in path(s):
* /opt/cola/permits/1258807204_1643113459.74/0/jetcd-resolver-0-3-0-jar/META-INF/MANIFEST.MF
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* /opt/cola/permits/1258807204_1643113459.74/0/jetcd-resolver-0-3-0-jar/META-INF/maven/io.etcd/jetcd-resolver/pom.xml

1.1400 commons-cli 1.5.0

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1.1401 milyn-smooks-json 1.5.1

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1.1402 sctp-api netty-2.1.7.5

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/opt/cola/permits/1258803268_1643112717.64/0/jetty-annotations-8-1-10-v20130312-sources-jar/org/eclipse/jetty/annotations/PreDestroyAnnotationHandler.java
* /opt/cola/permits/1258803268_1643112717.64/0/jetty-annotations-8-1-10-v20130312-sources-jar/org/eclipse/jetty/annotations/MultiPartConfigAnnotationHandler.java
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* /opt/cola/permits/1258803268_1643112717.64/0/jetty-annotations-8-1-10-v20130312-sources-jar/org/eclipse/jetty/annotations/Util.java
* /opt/cola/permits/1258803268_1643112717.64/0/jetty-annotations-8-1-10-v20130312-sources-jar/org/eclipse/jetty/annotations/AnnotationParser.java
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/opt/cola/permits/1258803268_1643112717.64/0/jetty-annotations-8-1-10-v20130312-sources-jar/org/eclipse/jetty/annotations/WebListenerAnnotation.java
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1.1410 netty-transport 4.1.25.Final

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* /opt/cola/permits/1258808111_1643112775.77/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/PendingBytesTracker.java
* /opt/cola/permits/1258808111_1643112775.77/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/socket/oio/DefaultOioDatagramChannelConfig.java
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* /opt/cola/permits/1258808111_1643112775.77/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/socket/ChannelInputShutdownReadComplete.java
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* /opt/cola/permits/1258808111_1643112775.77/0/netty-transport-4-1-25-final-sources-

jar/io/netty/channel/SucceededChannelFuture.java
* /opt/cola/permits/1258808111_1643112775.77/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/nio/package-info.java
*
 /opt/cola/permits/1258808111_1643112775.77/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/embedded/EmbeddedChannel.java
* /opt/cola/permits/1258808111_1643112775.77/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/EventLoopGroup.java
* /opt/cola/permits/1258808111_1643112775.77/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/ChannelPromise.java
* /opt/cola/permits/1258808111_1643112775.77/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/AbstractChannelHandlerContext.java
* /opt/cola/permits/1258808111_1643112775.77/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/ChannelException.java
* /opt/cola/permits/1258808111_1643112775.77/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/local/LocalChannelRegistry.java
* /opt/cola/permits/1258808111_1643112775.77/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/FixedRecvByteBufAllocator.java
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 /opt/cola/permits/1258808111_1643112775.77/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/socket/ServerSocketChannel.java
* /opt/cola/permits/1258808111_1643112775.77/0/netty-transport-4-1-25-final-sources-jar/io/netty/bootstrap/Bootstrap.java
* /opt/cola/permits/1258808111_1643112775.77/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/ChannelInitializer.java
* /opt/cola/permits/1258808111_1643112775.77/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/ChannelHandlerContext.java
* /opt/cola/permits/1258808111_1643112775.77/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/FailedChannelFuture.java
* /opt/cola/permits/1258808111_1643112775.77/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/oio/package-info.java
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* /opt/cola/permits/1258808111_1643112775.77/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/AdaptiveRecvByteBufAllocator.java
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* /opt/cola/permits/1258808111_1643112775.77/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/ThreadPerChannelEventLoopGroup.java
* /opt/cola/permits/1258808111_1643112775.77/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/ChannelFutureListener.java
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* /opt/cola/permits/1258808111_1643112775.77/0/netty-transport-4-1-25-final-sources-jar/io/netty/channel/oio/AbstractOioChannel.java
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```
/**
* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
* its {@link ChannelPipeline}.
*
* <h3>Sub-types</h3>
* <p>
* {@link ChannelHandler} itself does not provide many methods, but you usually have to implement one of its
subtypes:
* <ul>
* <li>{@link
 ChannelInboundHandler} to handle inbound I/O events, and</li>
* <li>{@link ChannelOutboundHandler} to handle outbound I/O operations.</li>
* </ul>
* </p>
* <p>
* Alternatively, the following adapter classes are provided for your convenience:
* <ul>
* <li>{@link ChannelInboundHandlerAdapter} to handle inbound I/O events,</li>
* <li>{@link ChannelOutboundHandlerAdapter} to handle outbound I/O operations, and</li>
* <li>{@link ChannelDuplexHandler} to handle both inbound and outbound events</li>
* </ul>
* </p>
* <p>
* For more information, please refer to the documentation of each subtype.
* </p>
*
* <h3>The context object</h3>
* <p>
* A {@link ChannelHandler} is provided with a {@link ChannelHandlerContext}
* object.  A {@link ChannelHandler} is supposed to interact with the
* {@link ChannelPipeline} it belongs to via a context object.  Using the
* context object, the {@link ChannelHandler} can pass events upstream or
* downstream, modify the pipeline dynamically,
 or store the information
* (using {@link AttributeKey}s) which is specific to the handler.
*
* <h3>State management</h3>
*
* A {@link ChannelHandler} often needs to store some stateful information.
* The simplest and recommended approach is to use member variables:
* <pre>
* public interface Message {
*     // your methods here
* }
*
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {
*
*     <b>private boolean loggedIn;</b>
```

```
*
*     {@code @Override}
*     public void channelRead0({@link ChannelHandlerContext} ctx, Message message) {
*         {@link Channel} ch = e.getChannel();
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) message);
*             <b>loggedIn = true;</b>
*         } else (message instanceof GetDataMessage) {
*             if (<b>loggedIn</b>) {
*                 ch.write(fetchSecret((GetDataMessage) message));
*             } else {
*
   fail();
*             }
*         }
*     }
*     ...
* }
* </pre>
* Because the handler instance has a state variable which is dedicated to
* one connection, you have to create a new handler instance for each new
* channel to avoid a race condition where a unauthenticated client can get
* the confidential information:
* <pre>
* // Create a new handler instance per channel.
* // See {@link ChannelInitializer#initChannel(Channel)}.
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; {
*     {@code @Override}
*     public void initChannel({@link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>new DataServerHandler()</b>);
*     }
* }
*
* </pre>
*
* <h4>Using {@link AttributeKey}s</h4>
*
* Although it's recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use {@link AttributeKey}s which
 is provided by
* {@link ChannelHandlerContext}:
* <pre>
* public interface Message {
*     // your methods here
* }
*
* {@code @Sharable}
```

```
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {
*     private final {@link AttributeKey}&lt;{@link Boolean}&gt; auth =
*         {@link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
*
*     {@code @Override}
*     public void channelRead({@link ChannelHandlerContext} ctx, Message message) {
*         {@link Attribute}&lt;{@link Boolean}&gt; attr = ctx.attr(auth);
*         {@link Channel} ch = ctx.channel();
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
*             <b>attr.set(true)</b>;
*         } else (message instanceof GetDataMessage) {
*             if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*                 ch.write(fetchSecret((GetDataMessage) o));
*             } else {
*                 fail();
*
          }
*         }
*     }
*     ...
* }
* </pre>
* Now that the state of the handler is attached to the {@link ChannelHandlerContext}, you can add the
* same handler instance to different pipelines:
* <pre>
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; {
*
*     private static final DataServerHandler <b>SHARED</b> = new DataServerHandler();
*
*     {@code @Override}
*     public void initChannel({@link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>SHARED</b>);
*     }
* }
* </pre>
*
*
* <h4>The {@code @Sharable} annotation</h4>
* <p>
* In the example above which used an {@link AttributeKey},
* you might have noticed the {@code @Sharable} annotation.
* <p>
* If a {@link ChannelHandler} is annotated with the {@code @Sharable}
* annotation, it means you can create an instance of the handler just once and
* add it to one or more {@link ChannelPipeline}s multiple times without
* a race
```

condition.
* <p>
* If this annotation is not specified, you have to create a new handler
* instance every time you add it to a pipeline because it has unshared state
* such as member variables.
* <p>
* This annotation is provided for documentation purpose, just like
* the JCIP annotations.
*
* <h3>Additional resources worth reading</h3>
* <p>
* Please refer to the {@link ChannelHandler}, and
* {@link ChannelPipeline} to find out more about inbound and outbound operations,
* what fundamental differences they have, how they flow in a pipeline, and how to handle
* the operation in your application.
*/

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* /opt/cola/permits/1258802382_1643112611.69/0/jetty-client-8-1-10-v20130312-sources-jar/org/eclipse/jetty/client/HttpEventListener.java
* /opt/cola/permits/1258802382_1643112611.69/0/jetty-client-8-1-10-v20130312-sources-jar/org/eclipse/jetty/client/security/SecurityListener.java
* /opt/cola/permits/1258802382_1643112611.69/0/jetty-client-8-1-10-v20130312-sources-jar/org/eclipse/jetty/client/HttpDestination.java
* /opt/cola/permits/1258802382_1643112611.69/0/jetty-client-8-1-10-v20130312-sources-jar/org/eclipse/jetty/client/HttpExchange.java
* /opt/cola/permits/1258802382_1643112611.69/0/jetty-client-8-1-10-v20130312-sources-jar/org/eclipse/jetty/client/security/RealmResolver.java
*
/opt/cola/permits/1258802382_1643112611.69/0/jetty-client-8-1-10-v20130312-sources-jar/org/eclipse/jetty/client/AsyncHttpConnection.java
* /opt/cola/permits/1258802382_1643112611.69/0/jetty-client-8-1-10-v20130312-sources-jar/org/eclipse/jetty/client/webdav/PropfindExchange.java
* /opt/cola/permits/1258802382_1643112611.69/0/jetty-client-8-1-10-v20130312-sources-jar/org/eclipse/jetty/client/SelectConnector.java
* /opt/cola/permits/1258802382_1643112611.69/0/jetty-client-8-1-10-v20130312-sources-jar/org/eclipse/jetty/client/HttpClient.java
* /opt/cola/permits/1258802382_1643112611.69/0/jetty-client-8-1-10-v20130312-sources-jar/org/eclipse/jetty/client/webdav/WebdavListener.java
* /opt/cola/permits/1258802382_1643112611.69/0/jetty-client-8-1-10-v20130312-sources-jar/org/eclipse/jetty/client/ContentExchange.java
* /opt/cola/permits/1258802382_1643112611.69/0/jetty-client-8-1-10-v20130312-sources-jar/org/eclipse/jetty/client/security/ProxyAuthorization.java
* /opt/cola/permits/1258802382_1643112611.69/0/jetty-client-8-1-10-v20130312-sources-jar/org/eclipse/jetty/client/security/SimpleRealmResolver.java
*
/opt/cola/permits/1258802382_1643112611.69/0/jetty-client-8-1-10-v20130312-sources-jar/org/eclipse/jetty/client/SocketConnector.java

1.1413 milyn-smooks-scripting 1.5.1

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* /opt/cola/permits/1258804794_1643112979.34/0/pax-swissbox-core-1-5-0-sources-jar/org/ops4j/pax/swissbox/core/BundleClassLoader.java
* /opt/cola/permits/1258804794_1643112979.34/0/pax-swissbox-core-1-5-0-sources-jar/org/ops4j/pax/swissbox/core/ContextClassLoaderUtils.java

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* /opt/cola/permits/1258804794_1643112979.34/0/pax-swissbox-core-1-5-0-sources-jar/org/ops4j/pax/swissbox/core/BundleUtils.java

1.1415 pax-web-jetty-bundle 2.1.6

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1.1416 error_prone_annotations 2.3.2

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* /opt/cola/permits/1258803950_1643112888.66/0/error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/concurrent/GuardedBy.java
* /opt/cola/permits/1258803950_1643112888.66/0/error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/CheckReturnValue.java
* /opt/cola/permits/1258803950_1643112888.66/0/error-prone-annotations-2-3-2-sources-

jar/com/google/errorprone/annotations/OverridingMethodsMustInvokeSuper.java
*
 /opt/cola/permits/1258803950_1643112888.66/0/error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/DoNotCall.java
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* /opt/cola/permits/1258803950_1643112888.66/0/error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/concurrent/UnlockMethod.java
* /opt/cola/permits/1258803950_1643112888.66/0/error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/concurrent/LockMethod.java
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* /opt/cola/permits/1258803950_1643112888.66/0/error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/RequiredModifiers.java
* /opt/cola/permits/1258803950_1643112888.66/0/error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/concurrent/LazyInit.java
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 /opt/cola/permits/1258803950_1643112888.66/0/error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/Var.java
* /opt/cola/permits/1258803950_1643112888.66/0/error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/ForOverride.java
* /opt/cola/permits/1258803950_1643112888.66/0/error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/CanIgnoreReturnValue.java
* /opt/cola/permits/1258803950_1643112888.66/0/error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/Immutable.java
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* /opt/cola/permits/1258803950_1643112888.66/0/error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/SuppressPackageLocation.java
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* /opt/cola/permits/1258803950_1643112888.66/0/error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/FormatMethod.java
* /opt/cola/permits/1258803950_1643112888.66/0/error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/CompatibleWith.java
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 /opt/cola/permits/1258803950_1643112888.66/0/error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/RestrictedApi.java
* /opt/cola/permits/1258803950_1643112888.66/0/error-prone-annotations-2-3-2-sources-

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1.1417 opentracing-api 0.31.0

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* /opt/cola/permits/1258804304_1643113379.94/0/opentracing-api-0-31-0-sources-jar/io/opentracing/Tracer.java
* /opt/cola/permits/1258804304_1643113379.94/0/opentracing-api-0-31-0-sources-jar/io/opentracing/tag/AbstractTag.java
* /opt/cola/permits/1258804304_1643113379.94/0/opentracing-api-0-31-0-sources-jar/io/opentracing/ScopeManager.java
* /opt/cola/permits/1258804304_1643113379.94/0/opentracing-api-0-31-0-sources-jar/io/opentracing/propagation/TextMapInjectAdapter.java
* /opt/cola/permits/1258804304_1643113379.94/0/opentracing-api-0-31-0-sources-jar/io/opentracing/tag/StringTag.java
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* /opt/cola/permits/1258804304_1643113379.94/0/opentracing-api-0-31-0-sources-jar/io/opentracing/tag/Tags.java
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*

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* /opt/cola/permits/1258804304_1643113379.94/0/opentracing-api-0-31-0-sources-jar/io/opentracing/Span.java
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* /opt/cola/permits/1258804304_1643113379.94/0/opentracing-api-0-31-0-sources-jar/io/opentracing/propagation/Format.java
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1.1418 pax-web-runtime 2.1.6

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1.1419 sctp-impl 1.7.8

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1.1421 milyn-scribe-jpa 1.5.1

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1.1422 netty-handler-proxy 4.1.25.Final

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* /opt/cola/permits/1258802745_1643112731.51/0/netty-handler-proxy-4-1-25-final-sources-jar/io/netty/handler/proxy/ProxyConnectionEvent.java
*
 /opt/cola/permits/1258802745_1643112731.51/0/netty-handler-proxy-4-1-25-final-sources-jar/io/netty/handler/proxy/Socks5ProxyHandler.java
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* /opt/cola/permits/1258802745_1643112731.51/0/netty-handler-proxy-4-1-25-final-sources-jar/io/netty/handler/proxy/ProxyHandler.java
* /opt/cola/permits/1258802745_1643112731.51/0/netty-handler-proxy-4-1-25-final-sources-jar/io/netty/handler/proxy/ProxyConnectException.java
* /opt/cola/permits/1258802745_1643112731.51/0/netty-handler-proxy-4-1-25-final-sources-jar/io/netty/handler/proxy/Socks4ProxyHandler.java
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1.1423 netty-resolver 4.1.25.Final

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* /opt/cola/permits/1258808398_1643112927.41/0/netty-resolver-4-1-25-final-sources-jar/io/netty/resolver/DefaultAddressResolverGroup.java
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* /opt/cola/permits/1258808398_1643112927.41/0/netty-resolver-4-1-25-final-sources-jar/io/netty/resolver/InetNameResolver.java
* /opt/cola/permits/1258808398_1643112927.41/0/netty-resolver-4-1-25-final-sources-jar/io/netty/resolver/DefaultNameResolver.java
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* /opt/cola/permits/1258808398_1643112927.41/0/netty-resolver-4-1-25-final-sources-jar/io/netty/resolver/SimpleNameResolver.java
* /opt/cola/permits/1258808398_1643112927.41/0/netty-resolver-4-1-25-final-sources-jar/io/netty/resolver/AddressResolverGroup.java
* /opt/cola/permits/1258808398_1643112927.41/0/netty-resolver-4-1-25-final-sources-jar/io/netty/resolver/package-info.java
* /opt/cola/permits/1258808398_1643112927.41/0/netty-resolver-4-1-25-final-sources-jar/io/netty/resolver/NoopAddressResolverGroup.java
* /opt/cola/permits/1258808398_1643112927.41/0/netty-resolver-4-1-25-final-sources-jar/io/netty/resolver/NameResolver.java

1.1424 pax-swissbox-property 1.5.0

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1.1425 jetty-ajp 8.1.10.v20130312

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* /opt/cola/permits/1258807211_1643111168.26/0/jetty-ajp-8-1-10-v20130312-sources-jar/org/eclipse/jetty/ajp/Ajp13Request.java
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* /opt/cola/permits/1258807211_1643111168.26/0/jetty-ajp-8-1-10-v20130312-sources-jar/org/eclipse/jetty/ajp/Ajp13Parser.java
* /opt/cola/permits/1258807211_1643111168.26/0/jetty-ajp-8-1-10-v20130312-sources-

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1.1426 pax-swissbox-tracker 1.5.0

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* /opt/cola/permits/1258806140_1643112333.8/0/pax-swissbox-tracker-1-5-0-sources-jar/org/ops4j/pax/swissbox/tracker/ReplaceableService.java
* /opt/cola/permits/1258806140_1643112333.8/0/pax-swissbox-tracker-1-5-0-sources-jar/org/ops4j/pax/swissbox/tracker/ServiceCollection.java

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* /opt/cola/permits/1258806140_1643112333.8/0/pax-swissbox-tracker-1-5-0-sources-jar/org/ops4j/pax/swissbox/tracker/ReplaceableServiceListener.java

1.1427 jetty-jaspi 8.1.10.v20130312

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* /opt/cola/permits/1258806651_1643113412.61/0/jetty-jaspi-8-1-10-v20130312-sources-jar/org/eclipse/jetty/security/jaspi/modules/BaseAuthModule.java
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* /opt/cola/permits/1258806651_1643113412.61/0/jetty-jaspi-8-1-10-v20130312-sources-jar/org/eclipse/jetty/security/jaspi/modules/UserInfo.java
* /opt/cola/permits/1258806651_1643113412.61/0/jetty-jaspi-8-1-10-v20130312-sources-jar/org/eclipse/jetty/security/jaspi/modules/DigestAuthModule.java
* /opt/cola/permits/1258806651_1643113412.61/0/jetty-jaspi-8-1-10-v20130312-sources-jar/org/eclipse/jetty/security/jaspi/modules/ClientCertAuthModule.java
* /opt/cola/permits/1258806651_1643113412.61/0/jetty-jaspi-8-1-10-v20130312-sources-jar/org/eclipse/jetty/security/jaspi/modules/FormAuthModule.java
* /opt/cola/permits/1258806651_1643113412.61/0/jetty-jaspi-8-1-10-v20130312-sources-jar/org/eclipse/jetty/security/jaspi/SimpleAuthConfig.java
* /opt/cola/permits/1258806651_1643113412.61/0/jetty-jaspi-8-1-10-v20130312-sources-jar/org/eclipse/jetty/security/jaspi/JaspiMessageInfo.java
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* /opt/cola/permits/1258806651_1643113412.61/0/jetty-jaspi-8-1-10-v20130312-sources-jar/about.html

1.1428 spring-xml 1.5.8

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* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/namespace/QNameUtils.java
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*
 /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/xpath/XPathOperations.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/xpath/NodeCallbackHandler.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/xpath/XPathExpressionFactoryBean.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/xpath/AbstractXPathTemplate.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/transform/ResourceSource.java

* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/xpath/JaxenXPathTemplate.java
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* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/stream/AbstractStaxXmlReader.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/namespace/SimpleNamespaceContext.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/stream/StaxEventContentHandler.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/sax/AbstractXmlReader.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/xpath/XPathExpressionFactory.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/xpath/Jaxp13XPathExpressionFactory.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/stream/XmlEventStreamReader.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/JaxpVersion.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/validation/Jaxp10ValidatorFactory.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/validation/Jaxp13ValidatorFactory.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/validation/XmlValidationException.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-

jar/org/springframework/xml/transform/TransformerObjectSupport.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/XmlException.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/stream/AbstractStaxContentHandler.java
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* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/xpath/JaxenXPathExpressionFactory.java
*
 /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/validation/XmlValidatorFactory.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/sax/SaxUtils.java
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* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/xpath/XPathParseException.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/stream/StaxEventXmlReader.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/transform/StaxSource.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/dom/DomContentHandler.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/stream/AbstractXmlStreamReader.java
*
 /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/transform/StaxResult.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/stream/StaxStreamContentHandler.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/validation/SchemaLoaderUtils.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/validation/XmlValidator.java
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* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/xsd/commons/CommonsXsdSchemaCollection.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/xsd/commons/CommonsXsdSchemaException.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/xsd/XsdSchema.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/xsd/SimpleXsdSchema.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/xsd/XsdSchemaException.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/xsd/commons/CommonsXsdSchema.java
* /opt/cola/permits/1258803803_1643112971.96/0/spring-xml-1-5-8-sources-jar/org/springframework/xml/xsd/XsdSchemaCollection.java

1.1429 milyn-smooks-validation 1.5.1

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1.1433 jetty-plus 8.1.10.v20130312

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/**
* Utf8 Appendable abstract base class
*
* This abstract class wraps a standard {@link java.lang.Appendable} and provides methods to append UTF-8 encoded bytes, that are converted into characters.
*
* This class is stateful and up to 4 calls to {@link #append(byte)} may be needed before state a character is appended to the string buffer.
*
* The UTF-8 decoding is done by this class and no additional buffers or Readers are used. The UTF-8 code was inspired by
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* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/plus/jaas/callback/RequestParameterCallback.java
*
/opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/plus/webapp/PlusDecorator.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/server/Request.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/continuation/ContinuationFilter.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/http/HttpParser.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/util/resource/Resource.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/server/HttpWriter.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/server/handler/AbstractHandler.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/io/ThreadLocalBuffers.java
*
/opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/webapp/StandardDescriptorProcessor.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/security/Authenticator.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/plus/jndi/Resource.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/util/AttributesMap.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/util/component/LifeCycle.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/util/resource/ResourceCollection.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/util/Attributes.java
*
/opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/webapp/TagLibConfiguration.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/security/ConstraintAware.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/server/nio/BlockingChannelConnector.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/plus/jaas/spi/AbstractLoginModule.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/plus/jaas/callback/AbstractCallbackHandler.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/util/component/Dumpable.java

* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/server/handler/AbstractHandlerContainer.java
*
 /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/util/preventers/DOMLeakPreventer.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/util/ajax/JSONEnumConvertor.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/security/DefaultUserIdentity.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/server/BlockingHttpConnection.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/http/HttpMethods.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/servlet/ServletHolder.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/webapp/DiscoveredAnnotation.java
*
 /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/servlet/Holder.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/util/Loader.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/servlet/jmx/HolderMBean.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/util/security/CertificateValidator.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/plus/jaas/spi/PropertyFileLoginModule.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/io/nio/IndirectNIOBuffer.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/io/Buffer.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/plus/jndi/Link.java
*
 /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/util/ajax/JSONPojoConvertor.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/webapp/MetaData.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/servlet/ServletMapping.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/http/HttpContent.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/security/SecurityHandler.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/util/resource/FileResource.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-

jar/org/eclipse/jetty/plus/jaas/callback/DefaultCallbackHandler.java
*
/opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/util/ajax/JSON.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/server/handler/HandlerWrapper.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/server/handler/GzipHandler.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/util/thread/QueuedThreadPool.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/io/UncheckedIOException.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/server/nio/AbstractNIOConnector.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/http/Generator.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/io/BufferDateCache.java
*
/opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/security/authentication/FormAuthenticator.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/webapp/Ordering.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/util/resource/JarFileResource.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/io/Buffers.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/server/handler/ResourceHandler.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/util/preventers/LoginConfigurationLeakPreventer.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/webapp/MetaDataComplete.java
*
/opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/io/nio/DirectNIOBuffer.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/server/Handler.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/io/RuntimeIOException.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/server/HandlerContainer.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/util/component/Destroyable.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/util/security/CertificateUtils.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/io/nio/NetworkTrafficSelectChannelEndPoint.java

*
/opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/server/handler/ErrorHandler.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/server/LocalConnector.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/util/thread/Timeout.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/http/HttpHeaders.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/servlet/StatisticsServlet.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/plus/annotation/PreDestroyCallback.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/util/HostMap.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/util/log/AbstractLogger.java
*
/opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/util/statistic/SampleStatistic.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/xml/ConfigurationProcessor.java
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/plus/webapp/PlusDescriptorProcessor.java
No license file was found, but licenses were detected in source scan.

Connector: HTTP Connector.
server: MObject:RO:The server for this connector
requestHeaderSize: The size of a request header buffer
requestBufferSize: The size of a request content buffer
responseHeaderSize: The size of a response header buffer
responseBufferSize: The size of a response content buffer
integralPort: Port to use for integral redirections
integralScheme: Scheme to use for integral redirections
confidentialPort: Port to use for confidential redirections
confidentialScheme: Scheme to use for confidential redirections
host: Host name to accept connections on
port: TCP/IP port to accept connections on
maxIdleTime: Maximum time in ms that a connection can be idle before being closed
statsOn: True if statistics collection is turned on.
statsOnMs: Time in milliseconds stats have been collected for.
statsReset(): Reset statistics.
connections: Number of connections accepted by the server since statsReset() called.
Undefined if setStatsOn(false).
connectionsOpen: Number of connections currently open that were opened since statsReset() called. Undefined if setStatsOn(false).
connectionsOpenMax: Maximum number of connections opened simultaneously since statsReset() called.
Undefined if setStatsOn(false).

connectionsDurationMean: Mean duration in milliseconds of open connections since statsReset() called. Undefined if setStatsOn(false).
connectionsDurationStdDev: Standard deviation of duration in milliseconds of an open connection since statsReset() called. Undefined if setStatsOn(false).
connectionsDurationMax: Maximum duration in milliseconds of an open connection since statsReset() called. Undefined if setStatsOn(false).
connectionsDurationTotal: Total duration in milliseconds of all open connection since statsReset() called. Undefined if setStatsOn(false).
connectionsRequestsMean: Mean number of requests per connection since statsReset() called. Undefined if setStatsOn(false).
connectionsRequestsStdDev:
 Standard deviation of number of requests per connection since statsReset() called. Undefined if setStatsOn(false).
connectionsRequestsMax: Maximum number of requests per connection since statsReset() called. Undefined if setStatsOn(false).
requests: Number of requests since statsReset() called. Undefined if setStatsOn(false).
open(): Open the listening port
close(): Close the listening port (but allow existing connections to continue for graceful shutdown)

Found in path(s):
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/server/jmx/Connector-mbean.properties
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//  and Apache License v2.0 which accompanies this distribution.
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//  You may elect to redistribute this code under either of these licenses.
/**
    * @return The port to use when redirecting a request if a data constraint of confidential is
    * required. See {@link org.eclipse.jetty.util.security.Constraint#getDataConstraint()}
    */
/**
    * @return The schema to use when redirecting a request if a data constraint of confidential is
    * required. See {@link org.eclipse.jetty.util.security.Constraint#getDataConstraint()}
    */
/**
    * @param request A request
    * @return true if the request is confidential. This normally means the https schema has been used.
     */
```

Found in path(s):
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/server/Connector.java
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/*
    * @see org.eclipse.jetty.server.Connector#getConfidentialPort()
    */
/*
    * @see org.eclipse.jetty.server.Connector#getConfidentialScheme()
    */
/*
    * @see org.eclipse.jetty.server.Connector#isConfidential(org.eclipse.jetty.server .Request)
    */
/*
    * @see org.eclipse.jetty.server.Connector#isConfidential(org.eclipse.jetty.server.Request)
    */
/**
    * @param confidentialPort
    *          The confidentialPort to set.
    */
/**
    * @param confidentialScheme
    *          The confidentialScheme to
 set.
    */
```

Found in path(s):
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/server/AbstractConnector.java
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//  and Apache License v2.0 which accompanies this distribution.
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/**
    * @param c Data constrain indicator: 0=DC+NONE, 1=DC_INTEGRAL &
    *              2=DC_CONFIDENTIAL
    */
/**
    * @return Data constrain indicator: 0=DC+NONE, 1=DC_INTEGRAL &
    *        2=DC_CONFIDENTIAL
    */
```

Found in path(s):

* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/util/security/Constraint.java
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//  and Apache License v2.0 which accompanies this distribution.
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//  You may elect to redistribute this code under either of these licenses.
/**
   * By default, we're confidential, given we speak SSL. But, if we've been
   * told about an confidential port, and said port is not our port, then
   * we're not. This allows separation of listeners providing INTEGRAL versus
   * CONFIDENTIAL constraints, such as one SSL listener configured to require
   * client certs providing CONFIDENTIAL, whereas another SSL listener not
   * requiring client certs providing mere INTEGRAL constraints.
   */
```

Found in path(s):
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/server/ssl/SslSelectChannelConnector.java
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//  You may elect to redistribute this code under either of these licenses.
/**
   * By default, we're confidential, given we speak SSL. But, if we've been told about an
   * confidential port, and said port is not our port, then we're not. This allows separation of
   * listeners providing INTEGRAL versus CONFIDENTIAL constraints, such as one SSL listener
   * configured to require client certs providing CONFIDENTIAL, whereas another SSL listener not
   * requiring client certs providing mere INTEGRAL constraints.
   */
/**
   * By default, we're integral, given we speak SSL. But, if we've been told about
 an integral
   * port, and said port is not our port, then we're not. This allows separation of listeners
   * providing INTEGRAL versus CONFIDENTIAL constraints, such as one SSL listener configured to
   * require client certs providing CONFIDENTIAL, whereas another SSL listener not requiring
   * client certs providing mere INTEGRAL constraints.
   */
```

Found in path(s):
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-

jar/org/eclipse/jetty/server/ssl/SslSocketConnector.java
No license file was found, but licenses were detected in source scan.

AbstractConnector: Abstract implementation of the Connector interface.
acceptors: The number of acceptor threads.
acceptQueueSize: The size of the accept queue.
acceptorPriorityOffset: Priority offset of the acceptor threads. The priority is adjusted by this amount to either favor the acceptance of new threads and newly active connections or to favor the handling of already dispatched connections.
forwardedForHeader: The header name for forwarded for (default x-forwarded-for).
forwardedHostHeader: The header name for forwarded hosts (default x-forwarded-host)
forwardedServerHeader: The header name for forwarded server (default x-forwarded-server)
forwarded: Whether reverse proxy handling is on. True if this connector is checking the forwarded for/host/server headers.
host: Host name of the server.
hostHeader: Forced value for the host header. Only used if forwarded is true.
soLingerTime: Enable or disable SO_LINGER
 with the specified linger time in seconds.
reuseAddress: Whether the server socket will be opened in SO_REUSEADDR mode.
name: Name of the connector.
resolveNames: Whether or not to use DNS when handling forwards.
confidentialPort: Port to use for confidential redirections.
confidentialScheme: Scheme to use for confidential redirections.
integralPort: Port to use for integral redirections.
integralScheme: Scheme to use for integral redirections.
lowResourcesMaxIdleTime: The period in ms that a connection may be idle when the connector has low resources, before it is closed.

Found in path(s):
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-jar/org/eclipse/jetty/server/jmx/AbstractConnector-mbean.properties
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//  and Apache License v2.0 which accompanies this distribution.
//      The Eclipse Public License is available at
//      The Apache License v2.0 is available at
//  You may elect to redistribute this code under either of these licenses.
/**
    * Find out if the request supports CONFIDENTIAL security.
    * @param request the incoming HTTP request
    * @return the result of calling {@link Connector#isConfidential(Request)}, or false
    * if there is no connector
    */
```

Found in path(s):
* /opt/cola/permits/1258802534_1643113430.47/0/jetty-plus-8-1-10-v20130312-sources-

jar/org/eclipse/jetty/server/AbstractHttpConnection.java
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1.1434 drools-analytics 4.0.7

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1.1435 ops4j-base-util-xml 1.3.0

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1.1436 jetty-servlets 8.1.10.v20130312

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1.1437 netty-codec-socks 4.1.25.Final

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* /opt/cola/permits/1258803746_1643112407.46/0/netty-codec-socks-4-1-25-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4CommandResponse.java
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1.1438 ops4j-base-util-property 1.3.0

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* /opt/cola/permits/1258803835_1643112964.71/0/ops4j-base-util-property-1-3-0-sources-jar/org/ops4j/util/property/PropertyResolver.java
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1.1439 jspglassfish 2.1.v20091210

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1.1440 pax-web-api 2.1.6

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1.1441 jspapiglassfish 2.1.v20091210

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1.1445 jdiameter-impl 1.5.9.0-build538-SNAPSHOT

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1.1446 netty-codec 4.1.25.Final

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* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayDecoder.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/serialization/package-info.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/marshalling/MarshallerProvider.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/string/package-info.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/DecoderResult.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/ReplayingDecoderByteBuf.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/serialization/ReferenceMap.java
*

/opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/TooLongFrameException.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/marshalling/UnmarshallerProvider.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/serialization/ClassResolvers.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/ReplayingDecoder.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/compression/DecompressionException.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/FixedLengthFrameDecoder.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/bytes/package-info.java
*
/opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/compression/package-info.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/CodecException.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/base64/Base64Decoder.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/serialization/ObjectEncoder.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/serialization/WeakReferenceMap.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/MessageToMessageDecoder.java
*
/opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/compression/ZlibCodecFactory.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/DelimiterBasedFrameDecoder.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/base64/package-info.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectInputStream.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayEncoder.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/serialization/ObjectEncoderOutputStream.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/marshalling/ContextBoundUnmarshallerProvider.java
*
/opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/PrematureChannelClosureException.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-

jar/io/netty/handler/codec/compression/JZlibDecoder.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/compression/ZlibWrapper.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/compression/ZlibEncoder.java
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* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/Headers.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/EmptyHeaders.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/DefaultHeaders.java
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/**

```
* A decoder that splits the received {@link ByteBuf}s dynamically by the
* value of the length field in the message.  It is particularly useful when you
* decode a binary message which has an integer header field that represents the
* length of the message body or the whole message.
*
 <p>
* {@link LengthFieldBasedFrameDecoder} has many configuration parameters so
* that it can decode any message with a length field, which is often seen in
* proprietary client-server protocols. Here are some example that will give
* you the basic idea on which option does what.
*
* <h3>2 bytes length field at offset 0, do not strip header</h3>
*
* The value of the length field in this example is <tt>12 (0x0C)</tt> which
* represents the length of "HELLO, WORLD".  By default, the decoder assumes
* that the length field represents the number of the bytes that follows the
* length field.  Therefore, it can be decoded with the simplistic parameter
* combination.
* <pre>
* <b>lengthFieldOffset</b>   = <b>0</b>
* <b>lengthFieldLength</b>   = <b>2</b>
* lengthAdjustment    = 0
* initialBytesToStrip = 0 (= do not strip header)
*
* BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)
* +--------+----------------+      +--------+----------------+
* | Length | Actual Content
 |----->| Length | Actual Content |
* | 0x000C | "HELLO, WORLD" |      | 0x000C | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 0, strip header</h3>
*
* Because we can get the length of the content by calling
* {@link ByteBuf#readableBytes()}, you might want to strip the length
* field by specifying <tt>initialBytesToStrip</tt>.  In this example, we
* specified <tt>2</tt>, that is same with the length of the length field, to
* strip the first two bytes.
* <pre>
* lengthFieldOffset   = 0
* lengthFieldLength   = 2
* lengthAdjustment    = 0
* <b>initialBytesToStrip</b> = <b>2</b> (= the length of the Length field)
*
* BEFORE DECODE (14 bytes)         AFTER DECODE (12 bytes)
* +--------+----------------+      +----------------+
* | Length | Actual Content |----->| Actual Content |
```

```
* | 0x000C | "HELLO, WORLD" |      | "HELLO, WORLD" |
* +--------+----------------+      +----------------+
 * </pre>
*
* <h3>2 bytes length field at offset 0, do not strip header, the length field
*     represents the length of the whole message</h3>
*
* In most cases, the length field represents the length of the message body
* only, as shown in the previous examples.  However, in some protocols, the
* length field represents the length of the whole message, including the
* message header.  In such a case, we specify a non-zero
* <tt>lengthAdjustment</tt>.  Because the length value in this example message
* is always greater than the body length by <tt>2</tt>, we specify <tt>-2</tt>
* as <tt>lengthAdjustment</tt> for compensation.
* <pre>
* lengthFieldOffset   =  0
* lengthFieldLength   =  2
* <b>lengthAdjustment</b>    = <b>-2</b> (= the length of the Length field)
* initialBytesToStrip =  0
*
* BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)
* +--------+----------------+      +--------+----------------+
* | Length | Actual Content |----->| Length | Actual
 Content |
* | 0x000E | "HELLO, WORLD" |      | 0x000E | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+
* </pre>
*
* <h3>3 bytes length field at the end of 5 bytes header, do not strip header</h3>
*
* The following message is a simple variation of the first example.  An extra
* header value is prepended to the message.  <tt>lengthAdjustment</tt> is zero
* again because the decoder always takes the length of the prepended data into
* account during frame length calculation.
* <pre>
* <b>lengthFieldOffset</b>   = <b>2</b> (= the length of Header 1)
* <b>lengthFieldLength</b>   = <b>3</b>
* lengthAdjustment    = 0
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)                      AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* | Header 1 |  Length  | Actual Content |----->| Header 1 |  Length  | Actual Content |
* |  0xCAFE  | 0x00000C | "HELLO, WORLD" |      |
  0xCAFE  | 0x00000C | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>
*
```

```
* <h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>
*
* This is an advanced example that shows the case where there is an extra
* header between the length field and the message body.  You have to specify a
* positive <tt>lengthAdjustment</tt> so that the decoder counts the extra
* header into the frame length calculation.
* <pre>
* lengthFieldOffset   = 0
* lengthFieldLength   = 3
* <b>lengthAdjustment</b>    = <b>2</b> (= the length of Header 1)
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)                    AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* |  Length  | Header 1 | Actual Content |----->|  Length  | Header 1 | Actual Content |
* | 0x00000C |  0xCAFE  | "HELLO, WORLD" |      | 0x00000C |  0xCAFE  | "HELLO,
 WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
*     strip the first header field and the length field</h3>
*
* This is a combination of all the examples above.  There are the prepended
* header before the length field and the extra header after the length field.
* The prepended header affects the <tt>lengthFieldOffset</tt> and the extra
* header affects the <tt>lengthAdjustment</tt>.  We also specified a non-zero
* <tt>initialBytesToStrip</tt> to strip the length field and the prepended
* header from the frame.  If you don't want to strip the prepended header, you
* could specify <tt>0</tt> for <tt>initialBytesToSkip</tt>.
* <pre>
* lengthFieldOffset   = 1 (= the length of HDR1)
* lengthFieldLength   = 2
* <b>lengthAdjustment</b>    = <b>1</b> (= the length of HDR2)
* <b>initialBytesToStrip</b> = <b>3</b> (= the length of HDR1 + LEN)
 *
* BEFORE DECODE (16 bytes)                    AFTER DECODE (13 bytes)
* +------+--------+------+----------------+      +------+----------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +------+--------+------+----------------+      +------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
*     strip the first header field and the length field, the length field
*     represents the length of the whole message</h3>
*
* Let's give another twist to the previous example.  The only difference from
```

```
* the previous example is that the length field represents the length of the
* whole message instead of the message body, just like the third example.
* We have to count the length of HDR1 and Length into <tt>lengthAdjustment</tt>.
* Please note that we don't need to take the length of HDR2 into account
* because
 the length field already includes the whole header length.
* <pre>
* lengthFieldOffset   =  1
* lengthFieldLength   =  2
* <b>lengthAdjustment</b>    = <b>-3</b> (= the length of HDR1 + LEN, negative)
* <b>initialBytesToStrip</b> = <b> 3</b>
*
* BEFORE DECODE (16 bytes)                    AFTER DECODE (13 bytes)
* +------+--------+------+----------------+      +------+----------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +------+--------+------+----------------+      +------+----------------+
* </pre>
* @see LengthFieldPrepender
*/
```

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* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java
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* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/CodecOutputList.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-

jar/io/netty/handler/codec/DatagramPacketDecoder.java
*
 /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/string/LineSeparator.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/compression/CompressionUtil.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/string/LineEncoder.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/DatagramPacketEncoder.java
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/compression/ByteBufChecksum.java
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*/
/*
* Written by Robert Harder and released to the public domain, as explained at
* http://creativecommons.org/licenses/publicdomain
*/
/**
* Enumeration of supported Base64 dialects.
* <p>
* The internal lookup tables in this class has been derived from
* Robert
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* Base64 Encoder/Decoder.
*/

Found in path(s):
* /opt/cola/permits/1258809385_1643113580.61/0/netty-codec-4-1-25-final-sources-jar/io/netty/handler/codec/base64/Base64Dialect.java

1.1447 jackson-annotations 2.9.9

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1.1448 netty-handler-proxy 4.1.35.Final

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* /opt/cola/permits/1258802751_1643113499.3/0/netty-handler-proxy-4-1-35-final-sources-jar/io/netty/handler/proxy/Socks4ProxyHandler.java
* /opt/cola/permits/1258802751_1643113499.3/0/netty-handler-proxy-4-1-35-final-sources-jar/io/netty/handler/proxy/ProxyHandler.java
* /opt/cola/permits/1258802751_1643113499.3/0/netty-handler-proxy-4-1-35-final-sources-jar/io/netty/handler/proxy/Socks5ProxyHandler.java
* /opt/cola/permits/1258802751_1643113499.3/0/netty-handler-proxy-4-1-35-final-sources-jar/io/netty/handler/proxy/HttpProxyHandler.java
* /opt/cola/permits/1258802751_1643113499.3/0/netty-handler-proxy-4-1-35-final-sources-jar/io/netty/handler/proxy/ProxyConnectionEvent.java
* /opt/cola/permits/1258802751_1643113499.3/0/netty-handler-proxy-4-1-35-final-sources-jar/io/netty/handler/proxy/package-info.java

1.1449 snappy-java 1.0.5-M2

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* /opt/cola/permits/1258802651_1643112969.75/0/snappy-java-1-0-5-m2-sources-jar/org/xerial/snappy/Snappy.java
* /opt/cola/permits/1258802651_1643112969.75/0/snappy-java-1-0-5-m2-sources-jar/org/xerial/snappy/package-info.java
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1.1450 jetty-jndi 8.1.10.v20130312

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1.1451 hazelcast-client 3.7.3

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1.1452 annotations 4.1.1.4

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1.1453 jradius-dictionary 1.1.4

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1.1454 milyn-smooks-csv 1.5.1

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1.1455 xstream 1.2.2

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/**
* A SAX {@link org.xml.sax.XMLReader parser} that acts as an XStream
* {@link com.thoughtworks.xstream.io.HierarchicalStreamWriter} to enable direct generation of a
* SAX event flow from the XStream serialization of a list of list of Java objects. As a
* custom SAX parser, this class ignores the arguments of the two standard parse methods ({@link
#parse(java.lang.String)}
* and {@link #parse(org.xml.sax.InputSource)}) but relies on a proprietary SAX property
* {@link #SOURCE_OBJECT_LIST_PROPERTY} to define the list of objects to serialize.
*

```
* <p/> Configuration of this SAX parser is achieved through the standard
* {@link #setProperty SAX property mecanism}. While specific setter methods require direct
* access to the parser instance, SAX properties support configuration settings to be propagated
* through a chain of {@link org.xml.sax.XMLFilter filters} down to the underlying parser
* object.
 * </p>
* <p/> This mecanism shall be used to configure the
* {@link #SOURCE_OBJECT_LIST_PROPERTY objects to be serialized} as well as the
* {@link #CONFIGURED_XSTREAM_PROPERTY XStream facade}.
* </p>
*
* @author Laurent Bihanic
*/
/**
   * Sets the value of a property.
   * <p/>
   * The property name is any fully-qualified URI.  It is
   * possible for an XMLReader to recognize a property name but
   * to be unable to set its value.</p>
   * <p/>
   * XMLReaders are not required to recognize setting any
   * specific property names, though a core set is provided with
   * SAX2.</p>
   * <p/>
   * Some property values may be immutable or mutable only
   * in specific contexts, such as before, during, or after
   * a parse.</p>
   * <p/>
   * This method is also the standard mechanism for setting
   * extended handlers.</p>
   * <p/>
   * <strong>Note</strong>: This implemention only supports two
   * (proprietary) properties: {@link #CONFIGURED_XSTREAM_PROPERTY}
    * and {@link #SOURCE_OBJECT_LIST_PROPERTY}.</p>
   *
   * @param name  the property name, which is a fully-qualified URI.
   * @param value the requested value for the property.
   * @throws SAXNotRecognizedException when the XMLReader does not
   *                              recognize the property name.
   * @throws SAXNotSupportedException  when the XMLReader recognizes
   *                              the property name but cannot set
   *                              the requested value.
   * @see #getProperty
   */
/**
   * Parses an XML document from a system identifier (URI).
   * <p/>
   * This method is a shortcut for the common case of reading a
```

```
   * document from a system identifier.  It is the exact
   * equivalent of the following:</p>
   * <blockquote>
   * <pre>
   *    parse(new InputSource(systemId));
   *  </pre>
   * </blockquote>
   * <p/>
   * If the system identifier is a
 URL, it must be fully resolved
   * by the application before it is passed to the parser.</p>
   * <p/>
   * <strong>Note</strong>: As a custom SAX parser, this class
   * ignores the <code>systemId</code> argument of this method
   * and relies on the proprietary SAX property
   * {@link #SOURCE_OBJECT_LIST_PROPERTY}) to define the list of
   * objects to serialize.</p>
   *
   * @param systemId the system identifier (URI).
   * @throws SAXException Any SAX exception, possibly wrapping
   *                      another exception.
   * @see #parse(org.xml.sax.InputSource)
   */
```

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* /opt/cola/permits/1258801960_1643113452.57/0/xstream-1-2-2-sources-jar/com/thoughtworks/xstream/core/util/Pool.java
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1.1456 pax-web-spi 2.1.6

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*
 /opt/cola/permits/1258805665_1643113397.5/0/pax-web-spi-2-1-6-sources-jar/org/ops4j/pax/web/service/spi/ServerController.java
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* /opt/cola/permits/1258805665_1643113397.5/0/pax-web-spi-2-1-6-sources-jar/org/ops4j/pax/web/service/spi/WebTopic.java
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 /opt/cola/permits/1258805665_1643113397.5/0/pax-web-spi-2-1-6-sources-jar/org/ops4j/pax/web/service/spi/ServletEvent.java
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* /opt/cola/permits/1258805665_1643113397.5/0/pax-web-spi-2-1-6-sources-jar/org/ops4j/pax/web/service/spi/model/LoginConfigModel.java
* /opt/cola/permits/1258805665_1643113397.5/0/pax-web-spi-2-1-6-sources-jar/org/ops4j/pax/web/service/spi/model/ContainerInitializerModel.java
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1.1457 milyn-smooks-flatfile 1.5.1

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1.1459 milyn-edisax-parser 1.5.1

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1.1461 google-auth-library-credentials 0.9.0

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1.1462 javaparser-core 2.4.0

1.1463 jetty-deploy 8.1.10.v20130312

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* /opt/cola/permits/1258810310_1643113678.26/0/jetty-deploy-8-1-10-v20130312-sources-jar/org/eclipse/jetty/deploy/graph/Graph.java

1.1464 milyn-commons 1.5.1

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1.1465 jackson-xc 2.7.5

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1.1466 jdiameter-ha-impl 1.1.0-SNAPSHOT

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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This option is useful when you wish to copy part of the code of
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4. You may copy and distribute the Library (or a portion or
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under the terms of Sections 1 and 2 above provided that you accompany
it with the complete corresponding
machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
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compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
linked with it, is called a "work that uses the Library". Such a
work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library
creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a "work that
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library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the
object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany
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machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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properly with a modified version of the library, if
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d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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1.1467 jdiameter-api 1.5.9.0-build538-SNAPSHOT

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d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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a) Accompany
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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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1.1469 proto-google-common-protos 2.0.1

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* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/api/launch_stage.proto
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* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/type/ExprOrBuilder.java
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* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/RetryInfoOrBuilder.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/ContextProto.java
*
/opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/type/QuaternionOrBuilder.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/QuotaLimit.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/StatusOrBuilder.java

* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/ErrorInfo.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/HttpBodyProto.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/Usage.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/type/QuaternionProto.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/LogProto.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/QuotaOrBuilder.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/type/Fraction.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/DistributionProto.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/cloud/audit/AuditLogProto.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/longrunning/ListOperationsResponseOrBuilder.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/ServiceProto.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/PageOrBuilder.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/MonitoredResourceProto.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/Backend.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/cloud/audit/RequestMetadata.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/longrunning/DeleteOperationRequestOrBuilder.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/type/CalendarPeriod.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/DocumentationRuleOrBuilder.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/RequestInfo.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/type/TimeOfDay.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/type/DateTimeProto.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/ResourceInfoOrBuilder.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-

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* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/StatusProto.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/AnnotationsProto.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/LaunchStageProto.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/AuthenticationOrBuilder.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/ServiceOrBuilder.java
*
/opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/cloud/audit/ServiceAccountDelegationInfoOrBuilder.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/Quota.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/type/FractionOrBuilder.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/type/MoneyProto.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/QuotaFailure.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/type/ColorOrBuilder.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/DocumentationRule.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/CustomHttpPattern.java
*
/opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/longrunning/WaitOperationRequest.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/MonitoredResourceOrBuilder.java
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* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/HttpOrBuilder.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/UsageProto.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/SourceInfo.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/DocumentationProto.java
*
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* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/cloud/audit/ServiceAccountDelegationInfo.java

* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/cloud/audit/ResourceLocation.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/cloud/audit/RequestMetadataOrBuilder.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/UsageRule.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/cloud/audit/AuthenticationInfoOrBuilder.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/Page.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/context/AttributeContext.java
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/opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/BillingOrBuilder.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/type/FractionProto.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/MetricOrBuilder.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/cloud/audit/AuthenticationInfo.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/cloud/audit/AuthorizationInfoOrBuilder.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/MonitoringOrBuilder.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/AuthRequirement.java
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/opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/type/LatLngProto.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/geo/type/ViewportOrBuilder.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/LoggingProto.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/FieldBehaviorProto.java
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* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/PropertyOrBuilder.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/longrunning/OperationOrBuilder.java
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* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-

jar/com/google/api/MonitoredResourceDescriptorOrBuilder.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/ErrorDetailsProto.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/logging/type/LogSeverityProto.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/HttpBodyOrBuilder.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/AdviceOrBuilder.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/MetricDescriptorOrBuilder.java
*
 /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/LocalizedMessageOrBuilder.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/JwtLocationOrBuilder.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/longrunning/DeleteOperationRequest.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/Billing.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/Property.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/SystemParametersOrBuilder.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/type/DateProto.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/LogDescriptorOrBuilder.java
*
 /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/longrunning/OperationInfo.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/HttpProto.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/FieldBehavior.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/logging/type/HttpRequest.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/ContextRule.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/BillingProto.java
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/longrunning/CancelOperationRequestOrBuilder.java
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*/
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  *
  *
  * <pre>
  * Early Access features are limited to a closed group of testers. To use
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  * be unstable, changed in backward-incompatible ways, and are not
  * guaranteed
 to be released.
  * </pre>
  *
  * <code>EARLY_ACCESS = 1;</code>
  */
```

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* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/com/google/api/LaunchStage.java
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* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/api/monitored_resource.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/type/timeofday.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/api/system_parameter.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/cloud/audit/audit_log.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-

jar/google/api/control.proto
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/opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/type/postal_address.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/api/config_change.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/logging/type/log_severity.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/api/context.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/api/distribution.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/type/date.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/api/quota.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/api/client.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/type/money.proto
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/opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/rpc/context/attribute_context.proto
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* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/rpc/status.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/type/expr.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/api/http.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/api/log.proto
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* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/api/monitoring.proto

* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/type/fraction.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/api/auth.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/api/source_info.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/longrunning/operations.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/api/resource.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/type/latlng.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/rpc/code.proto
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* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/api/label.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/type/quaternion.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/geo/type/viewport.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/api/service.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/api/httpbody.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/api/logging.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/api/annotations.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/api/billing.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/logging/type/http_request.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/api/field_behavior.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/rpc/error_details.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/api/backend.proto
* /opt/cola/permits/1258876734_1643115814.46/0/proto-google-common-protos-2-0-1-sources-jar/google/api/endpoint.proto

1.1470 protobuf-java-util 3.17.2

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* /opt/cola/permits/1258876656_1643115803.2/0/protobuf-java-util-3-17-2-sources-jar/com/google/protobuf/util/FieldMaskUtil.java
* /opt/cola/permits/1258876656_1643115803.2/0/protobuf-java-util-3-17-2-sources-jar/com/google/protobuf/util/TimeUtil.java
* /opt/cola/permits/1258876656_1643115803.2/0/protobuf-java-util-3-17-2-sources-jar/com/google/protobuf/util/Timestamps.java
* /opt/cola/permits/1258876656_1643115803.2/0/protobuf-java-util-3-17-2-sources-jar/com/google/protobuf/util/JsonFormat.java
* /opt/cola/permits/1258876656_1643115803.2/0/protobuf-java-util-3-17-2-sources-jar/com/google/protobuf/util/Structs.java
* /opt/cola/permits/1258876656_1643115803.2/0/protobuf-java-util-3-17-2-sources-jar/com/google/protobuf/util/Values.java
* /opt/cola/permits/1258876656_1643115803.2/0/protobuf-java-util-3-17-2-sources-jar/com/google/protobuf/util/FieldMaskTree.java
* /opt/cola/permits/1258876656_1643115803.2/0/protobuf-java-util-3-17-2-sources-jar/com/google/protobuf/util/Durations.java

1.1471 auto-service-annotations 1.0

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Found in path(s):
* /opt/cola/permits/1258885359_1643121621.68/0/auto-service-annotations-1-0-sources-jar/com/google/auto/service/AutoService.java

1.1472 plexus-component-api 1.0-alpha-30

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* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/component/reloading/ComponentReloadingStrategy.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/logging/AbstractLoggerManager.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/personality/plexus/lifecycle/phase/Contextualizable.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/component/repository/exception/ComponentLifecycleException.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/component/repository/exception/ComponentConfigurationException.java

* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/component/reloading/ComponentReloadingException.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/component/composition/CompositionException.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/PlexusContainer.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/component/repository/exception/ComponentImplementationNotFoundException.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/PlexusConstants.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/personality/plexus/lifecycle/phase/Initializable.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/personality/plexus/lifecycle/phase/Startable.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/component/discovery/ComponentDiscoveryListener.java
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* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/personality/plexus/lifecycle/phase/Suspendable.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/personality/plexus/lifecycle/phase/Serviceable.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/component/repository/exception/ComponentProfileException.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/component/repository/ComponentRequirement.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/component/repository/exception/ComponentRepositoryException.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/logging/LoggerManager.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/component/repository/exception/ComponentManagerImplementationNotFoundException.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/configuration/PlexusConfigurationException.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/context/Context.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/personality/plexus/lifecycle/phase/Disposable.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/logging/AbstractLogger.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/personality/plexus/lifecycle/phase/InitializationException.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/PlexusContainerException.java

*
/opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/component/repository/ComponentSetDescriptor.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/configuration/PlexusConfiguration.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/ComponentLookupManager.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/personality/plexus/lifecycle/phase/StartingException.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/component/repository/ComponentDescriptor.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/context/ContextException.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/personality/plexus/lifecycle/phase/Configurable.java
*
/opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/logging/LogEnabled.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/personality/plexus/lifecycle/phase/ServiceLocator.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/component/repository/exception/ComponentLookupException.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/component/discovery/ComponentDiscoveryEvent.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/component/repository/ComponentDependency.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/personality/plexus/lifecycle/phase/StoppingException.java
*
/opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/logging/AbstractLogEnabled.java
* /opt/cola/permits/1258885149_1643118801.74/0/plexus-component-api-1-0-alpha-30-sources-jar/org/codehaus/plexus/component/repository/exception/ComponentDescriptorUnmarshallingException.java

1.1473 jetty-alpn-client 9.4.28.v20200408

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* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

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* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
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org.ow2.asm:asm-commons
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 org.apache.tomcat:tomcat-api
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org.apache.tomcat:tomcat-util-scan
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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2
 licensed.

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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Oracle

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
artifacts may be included in the distribution or downloaded when ALPN
module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
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http://openjdk.java.net/legal/gplv2+ce.html

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

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org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.1478 http2-server 9.4.28.v20200408

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

OW2

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org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

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org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

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* org.eclipse.jetty.orbit:javax.mail.glassfish

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
artifacts may be included in the distribution or downloaded when ALPN
module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with

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http://openjdk.java.net/legal/gplv2+ce.html

OW2

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org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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Eclipse

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
artifacts may be included in the distribution or downloaded when ALPN
module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

OW2

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org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
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module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with

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http://openjdk.java.net/legal/gplv2+ce.html

OW2

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org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.1483 jetty-util 9.4.28.v20200408

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Eclipse

The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
artifacts may be included in the distribution or downloaded when ALPN
module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

OW2

The following artifacts are licensed by the OW2 Foundation according to the
terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all

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1.1484 argparse 0.7.0

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* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-jar/net/sourceforge/argparse4j/impl/type/EnumStringArgumentType.java

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* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-jar/net/sourceforge/argparse4j/impl/type/ReflectArgumentType.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-jar/net/sourceforge/argparse4j/impl/action/CountArgumentAction.java
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* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-jar/net/sourceforge/argparse4j/impl/type/FileArgumentType.java

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* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-jar/net/sourceforge/argparse4j/helper/ReflectHelper.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-jar/net/sourceforge/argparse4j/impl/action/StoreFalseArgumentAction.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-jar/net/sourceforge/argparse4j/annotation/Arg.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-jar/net/sourceforge/argparse4j/inf/FeatureControl.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-jar/net/sourceforge/argparse4j/impl/type/ConstructorArgumentType.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-jar/net/sourceforge/argparse4j/impl/choice/RangeArgumentChoice.java
*
 /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-jar/net/sourceforge/argparse4j/inf/ArgumentParser.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-jar/net/sourceforge/argparse4j/impl/choice/CollectionArgumentChoice.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-jar/net/sourceforge/argparse4j/internal/ArgumentParserImpl.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-

jar/net/sourceforge/argparse4j/helper/CJKTextWidthCounter.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-
jar/net/sourceforge/argparse4j/ArgumentParsers.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-
jar/net/sourceforge/argparse4j/impl/action/AppendArgumentAction.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-
jar/net/sourceforge/argparse4j/helper/TextWidthCounter.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-
jar/net/sourceforge/argparse4j/impl/action/StoreArgumentAction.java
*
/opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-
jar/net/sourceforge/argparse4j/inf/Argument.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-
jar/net/sourceforge/argparse4j/inf/Subparsers.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-
jar/net/sourceforge/argparse4j/impl/action/HelpArgumentAction.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-
jar/net/sourceforge/argparse4j/internal/SubparserImpl.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-
jar/net/sourceforge/argparse4j/impl/action/StoreTrueArgumentAction.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-
jar/net/sourceforge/argparse4j/impl/action/VersionArgumentAction.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-
jar/net/sourceforge/argparse4j/impl/action/StoreConstArgumentAction.java
*
/opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-
jar/net/sourceforge/argparse4j/internal/ArgumentGroupImpl.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-
jar/net/sourceforge/argparse4j/inf/ArgumentAction.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-
jar/net/sourceforge/argparse4j/inf/Namespace.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-
jar/net/sourceforge/argparse4j/impl/Arguments.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-
jar/net/sourceforge/argparse4j/inf/Subparser.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-
jar/net/sourceforge/argparse4j/inf/ArgumentType.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-
jar/net/sourceforge/argparse4j/impl/action/AppendConstArgumentAction.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-
jar/net/sourceforge/argparse4j/impl/type/StringArgumentType.java
*
/opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-
jar/net/sourceforge/argparse4j/inf/ArgumentParserException.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-
jar/net/sourceforge/argparse4j/helper/TextHelper.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-
jar/net/sourceforge/argparse4j/internal/ArgumentImpl.java

* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-jar/net/sourceforge/argparse4j/internal/SubparsersImpl.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-jar/net/sourceforge/argparse4j/helper/ASCIITextWidthCounter.java
* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-jar/net/sourceforge/argparse4j/inf/ArgumentGroup.java
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* /opt/cola/permits/1260522043_1643170161.62/0/argparse4j-0-7-0-sources-jar/net/sourceforge/argparse4j/impl/type/CaseInsensitiveEnumArgumentType.java

1.1485 jmustache 1.14

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1.1486 airline 0.8

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* /opt/cola/permits/1260642678_1643189491.25/0/airline-0-8-sources-jar/io/airlift/airline/ParseCommandUnrecognizedException.java
* /opt/cola/permits/1260642678_1643189491.25/0/airline-0-8-sources-jar/io/airlift/airline/ParseOptionMissingException.java
* /opt/cola/permits/1260642678_1643189491.25/0/airline-0-8-sources-jar/io/airlift/airline/ParseOptionIllegalValueException.java
* /opt/cola/permits/1260642678_1643189491.25/0/airline-0-8-sources-jar/io/airlift/airline/ParseOptionMissingValueException.java
* /opt/cola/permits/1260642678_1643189491.25/0/airline-0-8-sources-jar/io/airlift/airline/Cli.java
* /opt/cola/permits/1260642678_1643189491.25/0/airline-0-8-sources-jar/io/airlift/airline/ParseArgumentsMissingException.java
* /opt/cola/permits/1260642678_1643189491.25/0/airline-0-8-sources-jar/io/airlift/airline/ParseOptionConversionException.java
* /opt/cola/permits/1260642678_1643189491.25/0/airline-0-8-sources-jar/io/airlift/airline/Command.java

* /opt/cola/permits/1260642678_1643189491.25/0/airline-0-8-sources-jar/io/airlift/airline/ParseException.java
*
/opt/cola/permits/1260642678_1643189491.25/0/airline-0-8-sources-jar/io/airlift/airline/ParseArgumentsUnexpectedException.java
* /opt/cola/permits/1260642678_1643189491.25/0/airline-0-8-sources-jar/io/airlift/airline/ParseCommandMissingException.java
* /opt/cola/permits/1260642678_1643189491.25/0/airline-0-8-sources-jar/io/airlift/airline/SingleCommand.java

1.1487 mxparser 1.2.2

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1.1489 jackson-dataformat-yaml 2.10.1

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1.1490 lambdaj 2.3.3

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Found in path(s):
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/group/GroupImpl.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/collection/LambdaCollection.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/function/aggregate/ChooserOnArgument.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/function/closure/Closure1.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/function/aggregate/InitializedPairAggregator.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/group/ArgumentGroupCondition.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/function/compare/ArgumentComparator.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/Lambda.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/util/iterator/ResettableIteratorOnArray.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/proxy/InvocationInterceptor.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/function/closure/AbstractClosure.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/util/iterator/IteratorFactory.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/group/GroupConditions.java

* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/util/IntrospectionException.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/util/NotUniqueItemException.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/function/argument/InvocationSequence.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/group/Group.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/group/LeafGroup.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/function/aggregate/SumDouble.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/function/convert/ArgumentConverter.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/collection/LambdaIterator.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/collection/LambdaList.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/function/closure/ClosureResult.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/function/aggregate/Min.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/function/aggregate/Aggregator.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/function/closure/Closure2.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/function/closure/DelayedClosure.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/function/matcher/HasArgumentWithValue.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/collection/AbstractLambdaCollection.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/function/convert/StringPropertyExtractor.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/function/argument/ArgumentConversionException.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/proxy/ProxyUtil.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/function/convert/ConverterIterator.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/function/closure/ClosuresFactory.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/collection/LambdaSet.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/function/convert/ProjectConverter.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/group/GroupCondition.java
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* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-
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* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-
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* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-
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* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/group/Groups.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/group/GroupItem.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-
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* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-
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* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-
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* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/proxy/ProxyIterator.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-
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* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-
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jar/ch/lambdaj/function/matcher/LambdaJMatcher.java
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*
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* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-
jar/ch/lambdaj/util/iterator/ResettableIteratorOnIterator.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-
jar/ch/lambdaj/collection/LambdaCollections.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-
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jar/ch/lambdaj/function/argument/Argument.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-
jar/ch/lambdaj/function/matcher/HasNestedPropertyWithValue.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-
jar/ch/lambdaj/function/convert/PropertyExtractor.java
*
/opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-
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* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-
jar/ch/lambdaj/function/closure/WrongClosureInvocationException.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-
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* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-
jar/ch/lambdaj/function/aggregate/Concat.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-
jar/ch/lambdaj/collection/LambdaGroup.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/util/IntrospectionUtil.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-
jar/ch/lambdaj/function/aggregate/SumLong.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-
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/opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-
jar/ch/lambdaj/function/convert/StringLengthConverter.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-

jar/ch/lambdaj/function/compare/PropertyComparator.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-
jar/ch/lambdaj/function/closure/Closure0.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-
jar/ch/lambdaj/util/iterator/ResettableIterator.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-
jar/ch/lambdaj/function/closure/InvokableConstructor.java
* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-
jar/ch/lambdaj/proxy/UnproxableClassException.java
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* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-
jar/ch/lambdaj/function/matcher/NotNullOrEmptyMatcher.java
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* /opt/cola/permits/1260643216_1643189358.12/0/lambdaj-2-3-3-sources-jar/ch/lambdaj/proxy/ClassImposterizer.java

1.1491 libphonenumber 8.0.0

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Manifest-Version: 1.0
Created-By: Apache Maven Bundle Plugin
Built-By: kkeshava
Build-Jdk: 1.8.0_102-google-v7
Bnd-LastModified: 1481107598971
Bundle-Description: Google's common Java library for parsing, formatti
ng, storing and validating international phone numbers. Optimized
for running on smartphones.
Bundle-DocURL: http://www.google.com/
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt

Bundle-ManifestVersion: 2
Bundle-Name: libphonenumber
Bundle-SymbolicName: com.googlecode.libphonenumber
Bundle-Vendor: Google
Bundle-Version: 8.0.0
Export-Package: com.google.i18n.phonenumbers;version="8.0.0"
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.5))"
Tool: Bnd-3.2.0.201605172007

Found in path(s):
* /opt/cola/permits/1260642071_1643189215.38/0/libphonenumber-8-0-0-jar/META-INF/MANIFEST.MF

1.1492 jackson-databind-nullable 0.2.1

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1.1493 reflections 0.9.12

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1.1494 animal-sniffer-annotation 1.18

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* /opt/cola/permits/1260752746_1643213134.55/0/animal-sniffer-annotations-1-18-sources-jar/org/codehaus/mojo/animal_sniffer/IgnoreJRERequirement.java

1.1495 plexus-interpolation 1.8

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Found in path(s):
* /opt/cola/permits/1261637162_1643312126.4/0/plexus-interpolation-1-8-sources-jar/org/codehaus/plexus/interpolation/reflection/MethodMap.java
* /opt/cola/permits/1261637162_1643312126.4/0/plexus-interpolation-1-8-sources-jar/org/codehaus/plexus/interpolation/reflection/ClassMap.java
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*/

Found in path(s):
* /opt/cola/permits/1261637162_1643312126.4/0/plexus-interpolation-1-8-sources-jar/org/codehaus/plexus/interpolation/PrefixAwareRecursionInterceptor.java
* /opt/cola/permits/1261637162_1643312126.4/0/plexus-interpolation-1-8-sources-jar/org/codehaus/plexus/interpolation/RecursionInterceptor.java
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   *
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   * @return true if the OS matches
   * @since 1.0
   */
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   * Determines if the current OS matches the given OS
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   *
   * @param version the OS version to check for
   * @return true if the OS matches
   * @since 1.0
   */
```

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* /opt/cola/permits/1262202757_1643370546.49/0/plexus-interpolation-1-0-sources-jar/org/codehaus/plexus/interpolation/os/Os.java
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* /opt/cola/permits/1262202757_1643370546.49/0/plexus-interpolation-1-0-sources-jar/org/codehaus/plexus/interpolation/util/StringUtils.java

1.1497 hawtjni-runtime 1.16

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1.1498 netty-handler-proxy 4.1.38.Final

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jar/io/netty/handler/proxy/ProxyConnectException.java
* /opt/cola/permits/1262700749_1643432854.53/0/netty-handler-proxy-4-1-38-final-sources-jar/io/netty/handler/proxy/Socks5ProxyHandler.java
*
 /opt/cola/permits/1262700749_1643432854.53/0/netty-handler-proxy-4-1-38-final-sources-jar/io/netty/handler/proxy/HttpProxyHandler.java
* /opt/cola/permits/1262700749_1643432854.53/0/netty-handler-proxy-4-1-38-final-sources-jar/io/netty/handler/proxy/package-info.java
* /opt/cola/permits/1262700749_1643432854.53/0/netty-handler-proxy-4-1-38-final-sources-jar/io/netty/handler/proxy/Socks4ProxyHandler.java
* /opt/cola/permits/1262700749_1643432854.53/0/netty-handler-proxy-4-1-38-final-sources-jar/io/netty/handler/proxy/ProxyHandler.java
* /opt/cola/permits/1262700749_1643432854.53/0/netty-handler-proxy-4-1-38-final-sources-jar/io/netty/handler/proxy/ProxyConnectionEvent.java

1.1499 netty-codec-socks 4.1.38.Final

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* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socks/SocksInitRequest.java
*
 /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5InitialResponse.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socks/SocksInitResponseDecoder.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-

jar/io/netty/handler/codec/socksx/v4/Socks4ServerDecoder.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v5/DefaultSocks5InitialRequest.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v4/DefaultSocks4CommandResponse.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socks/SocksMessageEncoder.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socks/package-info.java
*
/opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5CommandResponse.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v4/DefaultSocks4CommandRequest.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socks/SocksResponse.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socks/UnknownSocksResponse.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v5/DefaultSocks5PasswordAuthRequest.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socks/SocksCmdResponseDecoder.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socks/SocksRequest.java
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/opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v5/DefaultSocks5PasswordAuthResponse.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socks/SocksAuthRequest.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4CommandRequest.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4CommandStatus.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v5/DefaultSocks5CommandResponse.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socks/SocksCmdResponse.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v5/package-info.java
*
/opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socks/SocksAuthResponse.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socks/SocksMessage.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthResponse.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socks/UnknownSocksRequest.java

* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4CommandResponse.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v5/DefaultSocks5CommandRequest.java
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 /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socks/SocksAuthResponseDecoder.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socks/SocksCommonUtils.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socks/SocksInitRequestDecoder.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v5/DefaultSocks5InitialResponse.java
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* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socks/SocksCmdRequest.java
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*
 /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/SocksMessage.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5InitialRequest.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socks/SocksCmdRequestDecoder.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socks/SocksInitResponse.java
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* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socks/SocksAuthRequestDecoder.java
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* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socks/SocksCmdType.java
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* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socks/SocksProtocolVersion.java
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* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socks/SocksAuthScheme.java
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* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socks/SocksSubnegotiationVersion.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socks/SocksResponseType.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/SocksVersion.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5AuthMethod.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5AddressType.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socks/SocksCmdStatus.java
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* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5AddressDecoder.java
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* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/AbstractSocksMessage.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4Message.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4ClientEncoder.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v4/AbstractSocks4Message.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-

jar/io/netty/handler/codec/socksx/v5/Socks5CommandResponseDecoder.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4ServerEncoder.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5CommandRequestDecoder.java
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/opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5ClientEncoder.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v5/AbstractSocks5Message.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5InitialResponseDecoder.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5ServerEncoder.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthResponseDecoder.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v4/package-info.java
* /opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/package-info.java
*
/opt/cola/permits/1262702156_1643432386.68/0/netty-codec-socks-4-1-38-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5Message.java
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1.1500 netty-codec 4.1.38.Final

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* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/JdkZlibDecoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/Crc32c.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/xml/XmlFrameDecoder.java

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*/
/**
```

```
* Enumeration of supported Base64 dialects.
* <p>
* The internal lookup tables in this class has been derived from
* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert
 Harder's Public Domain
* Base64 Encoder/Decoder</a>.
*/
```

Found in path(s):
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/base64/Base64Dialect.java
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*/
/**
* A decoder that splits the received {@link ByteBuf}s dynamically by the
* value of the length field in the message.  It is particularly useful when you
* decode a binary message which has an integer header field that represents the
* length of the message body or the whole message.
*
 <p>
* {@link LengthFieldBasedFrameDecoder} has many configuration parameters so
* that it can decode any message with a length field, which is often seen in
* proprietary client-server protocols. Here are some example that will give
* you the basic idea on which option does what.
*
* <h3>2 bytes length field at offset 0, do not strip header</h3>
*
* The value of the length field in this example is <tt>12 (0x0C)</tt> which
* represents the length of "HELLO, WORLD".  By default, the decoder assumes
* that the length field represents the number of the bytes that follows the
* length field.  Therefore, it can be decoded with the simplistic parameter
* combination.
* <pre>
```

```
* <b>lengthFieldOffset</b>   = <b>0</b>
* <b>lengthFieldLength</b>   = <b>2</b>
* lengthAdjustment    = 0
* initialBytesToStrip = 0 (= do not strip header)
*
* BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)
* +--------+----------------+      +--------+----------------+
* | Length | Actual Content
 |----->| Length | Actual Content |
* | 0x000C | "HELLO, WORLD" |      | 0x000C | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 0, strip header</h3>
*
* Because we can get the length of the content by calling
* {@link ByteBuf#readableBytes()}, you might want to strip the length
* field by specifying <tt>initialBytesToStrip</tt>.  In this example, we
* specified <tt>2</tt>, that is same with the length of the length field, to
* strip the first two bytes.
* <pre>
* lengthFieldOffset   = 0
* lengthFieldLength   = 2
* lengthAdjustment    = 0
* <b>initialBytesToStrip</b> = <b>2</b> (= the length of the Length field)
*
* BEFORE DECODE (14 bytes)         AFTER DECODE (12 bytes)
* +--------+----------------+      +----------------+
* | Length | Actual Content |----->| Actual Content |
* | 0x000C | "HELLO, WORLD" |      | "HELLO, WORLD" |
* +--------+----------------+      +----------------+
 * </pre>
*
* <h3>2 bytes length field at offset 0, do not strip header, the length field
*     represents the length of the whole message</h3>
*
* In most cases, the length field represents the length of the message body
* only, as shown in the previous examples.  However, in some protocols, the
* length field represents the length of the whole message, including the
* message header.  In such a case, we specify a non-zero
* <tt>lengthAdjustment</tt>.  Because the length value in this example message
* is always greater than the body length by <tt>2</tt>, we specify <tt>-2</tt>
* as <tt>lengthAdjustment</tt> for compensation.
* <pre>
* lengthFieldOffset   =  0
* lengthFieldLength   =  2
* <b>lengthAdjustment</b>    = <b>-2</b> (= the length of the Length field)
* initialBytesToStrip =  0
```

```
*
* BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)
* +--------+----------------+      +--------+----------------+
* | Length | Actual Content |----->| Length | Actual
 Content |
* | 0x000E | "HELLO, WORLD" |      | 0x000E | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+
* </pre>
*
* <h3>3 bytes length field at the end of 5 bytes header, do not strip header</h3>
*
* The following message is a simple variation of the first example.  An extra
* header value is prepended to the message.  <tt>lengthAdjustment</tt> is zero
* again because the decoder always takes the length of the prepended data into
* account during frame length calculation.
* <pre>
* <b>lengthFieldOffset</b>   = <b>2</b> (= the length of Header 1)
* <b>lengthFieldLength</b>   = <b>3</b>
* lengthAdjustment    = 0
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)                      AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* | Header 1 |  Length  | Actual Content |----->| Header 1 |  Length  | Actual Content |
* |  0xCAFE  | 0x00000C | "HELLO, WORLD" |      |
  0xCAFE  | 0x00000C | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>
*
* <h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>
*
* This is an advanced example that shows the case where there is an extra
* header between the length field and the message body.  You have to specify a
* positive <tt>lengthAdjustment</tt> so that the decoder counts the extra
* header into the frame length calculation.
* <pre>
* lengthFieldOffset   = 0
* lengthFieldLength   = 3
* <b>lengthAdjustment</b>    = <b>2</b> (= the length of Header 1)
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)                      AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* |  Length  | Header 1 | Actual Content |----->|  Length  | Header 1 | Actual Content |
* | 0x00000C |  0xCAFE  | "HELLO, WORLD" |      | 0x00000C |  0xCAFE  | "HELLO,
 WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>
```

```
*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
*     strip the first header field and the length field</h3>
*
* This is a combination of all the examples above.  There are the prepended
* header before the length field and the extra header after the length field.
* The prepended header affects the <tt>lengthFieldOffset</tt> and the extra
* header affects the <tt>lengthAdjustment</tt>.  We also specified a non-zero
* <tt>initialBytesToStrip</tt> to strip the length field and the prepended
* header from the frame.  If you don't want to strip the prepended header, you
* could specify <tt>0</tt> for <tt>initialBytesToSkip</tt>.
* <pre>
* lengthFieldOffset   = 1 (= the length of HDR1)
* lengthFieldLength   = 2
* <b>lengthAdjustment</b>    = <b>1</b> (= the length of HDR2)
* <b>initialBytesToStrip</b> = <b>3</b> (= the length of HDR1 + LEN)
 *
* BEFORE DECODE (16 bytes)                    AFTER DECODE (13 bytes)
* +------+--------+------+----------------+      +------+----------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +------+--------+------+----------------+      +------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
*     strip the first header field and the length field, the length field
*     represents the length of the whole message</h3>
*
* Let's give another twist to the previous example.  The only difference from
* the previous example is that the length field represents the length of the
* whole message instead of the message body, just like the third example.
* We have to count the length of HDR1 and Length into <tt>lengthAdjustment</tt>.
* Please note that we don't need to take the length of HDR2 into account
* because
 the length field already includes the whole header length.
* <pre>
* lengthFieldOffset   =  1
* lengthFieldLength   =  2
* <b>lengthAdjustment</b>    = <b>-3</b> (= the length of HDR1 + LEN, negative)
* <b>initialBytesToStrip</b> = <b> 3</b>
*
* BEFORE DECODE (16 bytes)                    AFTER DECODE (13 bytes)
* +------+--------+------+----------------+      +------+----------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +------+--------+------+----------------+      +------+----------------+
* </pre>
* @see LengthFieldPrepender
```

*/

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* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/EmptyHeaders.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/Headers.java
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* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/Lz4Constants.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameEncoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/Bzip2Decoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockDecompressor.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitReader.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/MessageAggregationException.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/Bzip2Constants.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/Crc32.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameDecoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/LzmaFrameEncoder.java
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* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitWriter.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/Bzip2MoveToFrontTable.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/Bzip2MTFAndRLE2StageEncoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/json/JsonObjectDecoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanAllocator.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/AsciiHeadersEncoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/Bzip2Encoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/Bzip2DivSufSort.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageEncoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageDecoder.java

* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedEncoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedDecoder.java
*
 /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/LzfDecoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/json/package-info.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/FastLz.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockCompressor.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/FastLzFrameEncoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/Bzip2Rand.java
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* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/string/LineSeparator.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/CodecOutputList.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/DatagramPacketDecoder.java
*
 /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/string/LineEncoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-

jar/io/netty/handler/codec/DatagramPacketEncoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/CompressionUtil.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/DateFormatter.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/ByteBufChecksum.java
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*/
/**
* Utility class for {@link ByteBuf} that encodes and decodes to and from
* <a href="http://en.wikipedia.org/wiki/Base64">Base64</a> notation.
* <p>
*
 The encoding and decoding algorithm in this class has been derived from
* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain
* Base64 Encoder/Decoder</a>.
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* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java
*
 /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/ProtocolDetectionResult.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/HeadersUtils.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/UnsupportedValueConverter.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/ProtocolDetectionState.java
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* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/CorruptedFrameException.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/CodecException.java
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 /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/ZlibCodecFactory.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/marshalling/MarshallerProvider.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayEncoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/package-info.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/JdkZlibEncoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/base64/package-info.java
*

/opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/serialization/SoftReferenceMap.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/bytes/package-info.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/DecoderResult.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/marshalling/DefaultUnmarshallerProvider.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/package-info.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/ByteToMessageDecoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/string/StringEncoder.java
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/opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/marshalling/LimitingByteInput.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/JZlibDecoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingDecoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/protobuf/package-info.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/ZlibEncoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/serialization/CachingClassResolver.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/EncoderException.java
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/opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/serialization/ClassResolver.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/TooLongFrameException.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/DecoderException.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/serialization/CompatibleObjectEncoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/ByteToMessageCodec.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/serialization/WeakReferenceMap.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/marshalling/ContextBoundUnmarshallerProvider.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/string/package-info.java
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/opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/serialization/ObjectEncoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/LineBasedFrameDecoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/marshalling/DefaultMarshallerProvider.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/marshalling/ThreadLocalMarshallerProvider.java
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* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/UnsupportedMessageTypeException.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/Snappy.java
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/opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/MessageAggregator.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/MessageToByteEncoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/MessageToMessageDecoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/serialization/ClassResolvers.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/base64/Base64Decoder.java
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/opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/DecompressionException.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/CompressionException.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameDecoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/marshalling/package-info.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingEncoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/MessageToMessageCodec.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/serialization/ClassLoaderClassResolver.java
*
/opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoderInputStream.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-

jar/io/netty/handler/codec/compression/ZlibDecoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/base64/Base64Encoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/ZlibWrapper.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/FixedLengthFrameDecoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayDecoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/ReplayingDecoderByteBuf.java
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 /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/serialization/ReferenceMap.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/serialization/ObjectEncoderOutputStream.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/serialization/package-info.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingDecoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectInputStream.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/string/StringDecoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/marshalling/ChannelBufferByteOutput.java
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 /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/ReplayingDecoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingEncoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/marshalling/UnmarshallerProvider.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/PrematureChannelClosureException.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameEncoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/marshalling/ThreadLocalUnmarshallerProvider.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/JZlibEncoder.java
*
 /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/DelimiterBasedFrameDecoder.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/Delimiters.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/compression/ZlibUtil.java

* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/xml/package-info.java
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* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/CharSequenceValueConverter.java
* /opt/cola/permits/1262701864_1643431752.93/0/netty-codec-4-1-38-final-sources-jar/io/netty/handler/codec/DefaultHeadersImpl.java

1.1501 netty-handler 4.1.38.Final

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* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/traffic/GlobalTrafficShapingHandler.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/traffic/TrafficCounter.java
*
/opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/traffic/ChannelTrafficShapingHandler.java

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* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/OpenSslJavaxX509Certificate.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/ClientAuth.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/SslContextBuilder.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNegotiationHandler.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java

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* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/PemValue.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/flush/FlushConsolidationHandler.java
*
 /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/flow/package-info.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/PemPrivateKey.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslEngine.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/OpenSslCertificateException.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/DelegatingSslContext.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/Java8SslUtils.java
*

/opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/flush/package-info.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/PemEncoded.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/PemX509Certificate.java
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* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/SslCloseCompletionEvent.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/Java9SslEngine.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/Conscrypt.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/SniCompletionEvent.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/ocsp/package-info.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/Java9SslUtils.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/SslCompletionEvent.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/AbstractSniHandler.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java
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jar/io/netty/handler/ssl/JdkNpnApplicationProtocolNegotiator.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/PemReader.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/OpenSslApplicationProtocolNegotiator.java
*
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* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/OpenSslNpnApplicationProtocolNegotiator.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/JdkBaseApplicationProtocolNegotiator.java
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* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/CipherSuiteFilter.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/SniHandler.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/CipherSuiteConverter.java
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/opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/util/OpenJdkSelfSignedCertGenerator.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/OpenSslSessionStats.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolConfig.java
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* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/util/BouncyCastleSelfSignedCertGenerator.java
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*
/opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ipfilter/UniqueIpFilter.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/JettyAlpnSslEngine.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/util/ThreadLocalInsecureRandom.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/JdkSslServerContext.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/util/SimpleTrustManagerFactory.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ipfilter/package-info.java

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* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNegotiator.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/OpenSslClientContext.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/OpenSslX509Certificate.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ipfilter/RuleBasedIpFilter.java
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 /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/IdentityCipherSuiteFilter.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/OpenSsl.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/JettyNpnSslEngine.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/SslProvider.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/JdkSslEngine.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/SslContext.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/OpenSslServerContext.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/OpenSslSessionContext.java
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 /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/JdkApplicationProtocolNegotiator.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/SupportedCipherSuiteFilter.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/JdkSslClientContext.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/JdkAlpnApplicationProtocolNegotiator.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ipfilter/IpFilterRuleType.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilterRule.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-

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* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ipfilter/IpFilterRule.java
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 /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/JdkSslContext.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/JdkDefaultApplicationProtocolNegotiator.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/OpenSslEngineMap.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/OpenSslDefaultApplicationProtocolNegotiator.java
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* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/timeout/ReadTimeoutHandler.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/logging/LogLevel.java
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 /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/logging/package-info.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/timeout/IdleState.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/timeout/IdleStateEvent.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/stream/ChunkedWriteHandler.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/NotSslRecordException.java

* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/timeout/TimeoutException.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/stream/ChunkedNioFile.java
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 /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/stream/ChunkedInput.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/package-info.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/timeout/IdleStateHandler.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/stream/package-info.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/timeout/WriteTimeoutException.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/stream/ChunkedStream.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/stream/ChunkedFile.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/stream/ChunkedNioStream.java
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* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/timeout/package-info.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/SslHandler.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/timeout/WriteTimeoutHandler.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/logging/LoggingHandler.java
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* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/OpenSslTlsv13X509ExtendedTrustManager.java
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* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialProvider.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/DefaultOpenSslKeyMaterial.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/ExtendedOpenSslSession.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterial.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/OpenSslPrivateKey.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/OpenSslCachingKeyMaterialProvider.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/OpenSslX509TrustManagerWrapper.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/SignatureAlgorithmConverter.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/OpenSslSession.java
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* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/address/DynamicAddressConnectHandler.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/PseudoRandomFunction.java
*
 /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/OpenSslPrivateKeyMethod.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/ssl/SslMasterKeyHandler.java
* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/address/package-info.java
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* /opt/cola/permits/1262700007_1643433194.65/0/netty-handler-4-1-38-final-sources-jar/io/netty/handler/traffic/GlobalChannelTrafficShapingHandler.java

1.1502 netty-resolver 4.1.38.Final

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* /opt/cola/permits/1262700500_1643432220.0/0/netty-resolver-4-1-38-final-sources-jar/io/netty/resolver/NoopAddressResolverGroup.java
* /opt/cola/permits/1262700500_1643432220.0/0/netty-resolver-4-1-38-final-sources-jar/io/netty/resolver/NoopAddressResolver.java
* /opt/cola/permits/1262700500_1643432220.0/0/netty-resolver-4-1-38-final-sources-jar/io/netty/resolver/SimpleNameResolver.java
* /opt/cola/permits/1262700500_1643432220.0/0/netty-resolver-4-1-38-final-sources-jar/io/netty/resolver/package-info.java
* /opt/cola/permits/1262700500_1643432220.0/0/netty-resolver-4-1-38-final-sources-jar/io/netty/resolver/AddressResolverGroup.java
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* /opt/cola/permits/1262700500_1643432220.0/0/netty-resolver-4-1-38-final-sources-jar/io/netty/resolver/AddressResolver.java
* /opt/cola/permits/1262700500_1643432220.0/0/netty-resolver-4-1-38-final-sources-jar/io/netty/resolver/DefaultNameResolver.java
*

/opt/cola/permits/1262700500_1643432220.0/0/netty-resolver-4-1-38-final-sources-jar/io/netty/resolver/HostsFileParser.java
* /opt/cola/permits/1262700500_1643432220.0/0/netty-resolver-4-1-38-final-sources-jar/io/netty/resolver/InetNameResolver.java
* /opt/cola/permits/1262700500_1643432220.0/0/netty-resolver-4-1-38-final-sources-jar/io/netty/resolver/HostsFileEntriesResolver.java
* /opt/cola/permits/1262700500_1643432220.0/0/netty-resolver-4-1-38-final-sources-jar/io/netty/resolver/InetSocketAddressResolver.java
* /opt/cola/permits/1262700500_1643432220.0/0/netty-resolver-4-1-38-final-sources-jar/io/netty/resolver/DefaultAddressResolverGroup.java
* /opt/cola/permits/1262700500_1643432220.0/0/netty-resolver-4-1-38-final-sources-jar/io/netty/resolver/AbstractAddressResolver.java
* /opt/cola/permits/1262700500_1643432220.0/0/netty-resolver-4-1-38-final-sources-jar/io/netty/resolver/CompositeNameResolver.java
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* /opt/cola/permits/1262700500_1643432220.0/0/netty-resolver-4-1-38-final-sources-jar/io/netty/resolver/ResolvedAddressTypes.java
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1.1503 netty-transport 4.1.38.Final

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* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/ChannelHandlerMask.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/ExtendedClosedChannelException.java
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```
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*/
/**
* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
* its {@link ChannelPipeline}.
*
* <h3>Sub-types</h3>
* <p>
* {@link ChannelHandler} itself does not provide many methods, but you usually have to implement one of its
subtypes:
* <ul>
* <li>{@link
 ChannelInboundHandler} to handle inbound I/O events, and</li>
* <li>{@link ChannelOutboundHandler} to handle outbound I/O operations.</li>
* </ul>
* </p>
* <p>
* Alternatively, the following adapter classes are provided for your convenience:
* <ul>
* <li>{@link ChannelInboundHandlerAdapter} to handle inbound I/O events,</li>
* <li>{@link ChannelOutboundHandlerAdapter} to handle outbound I/O operations, and</li>
* <li>{@link ChannelDuplexHandler} to handle both inbound and outbound events</li>
* </ul>
* </p>
* <p>
* For more information, please refer to the documentation of each subtype.
* </p>
*
* <h3>The context object</h3>
* <p>
* A {@link ChannelHandler} is provided with a {@link ChannelHandlerContext}
* object.  A {@link ChannelHandler} is supposed to interact with the
* {@link ChannelPipeline} it belongs to via a context object.  Using the
* context object, the {@link ChannelHandler} can pass events upstream or
* downstream, modify the pipeline dynamically,
 or store the information
* (using {@link AttributeKey}s) which is specific to the handler.
*
* <h3>State management</h3>
*
* A {@link ChannelHandler} often needs to store some stateful information.
* The simplest and recommended approach is to use member variables:
* <pre>
* public interface Message {
*     // your methods here
* }
*
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {
```

```
*
*     <b>private boolean loggedIn;</b>
*
*     {@code @Override}
*     public void channelRead0({@link ChannelHandlerContext} ctx, Message message) {
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) message);
*             <b>loggedIn = true;</b>
*         } else (message instanceof GetDataMessage) {
*             if (<b>loggedIn</b>) {
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
*             } else {
*                 fail();
*             }
*         }
 *     }
*     ...
* }
* </pre>
* Because the handler instance has a state variable which is dedicated to
* one connection, you have to create a new handler instance for each new
* channel to avoid a race condition where a unauthenticated client can get
* the confidential information:
* <pre>
* // Create a new handler instance per channel.
* // See {@link ChannelInitializer#initChannel(Channel)}.
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; {
*     {@code @Override}
*     public void initChannel({@link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>new DataServerHandler()</b>);
*     }
* }
*
* </pre>
*
* <h4>Using {@link AttributeKey}s</h4>
*
* Although it's recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use {@link AttributeKey}s which is provided by
* {@link ChannelHandlerContext}:
 * <pre>
* public interface Message {
*     // your methods here
* }
*
* {@code @Sharable}
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {
```

```
*     private final {@link AttributeKey}&lt;{@link Boolean}&gt; auth =
*         {@link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
*
*     {@code @Override}
*     public void channelRead({@link ChannelHandlerContext} ctx, Message message) {
*         {@link Attribute}&lt;{@link Boolean}&gt; attr = ctx.attr(auth);
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
*             <b>attr.set(true)</b>;
*         } else (message instanceof GetDataMessage) {
*             if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
*             } else {
*                 fail();
*             }
*         }
*     }
*     ...
* }
* </pre>
* Now that the state
 of the handler is attached to the {@link ChannelHandlerContext}, you can add the
* same handler instance to different pipelines:
* <pre>
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; {
*
*     private static final DataServerHandler <b>SHARED</b> = new DataServerHandler();
*
*     {@code @Override}
*     public void initChannel({@link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>SHARED</b>);
*     }
* }
* </pre>
*
*
* <h4>The {@code @Sharable} annotation</h4>
* <p>
* In the example above which used an {@link AttributeKey},
* you might have noticed the {@code @Sharable} annotation.
* <p>
* If a {@link ChannelHandler} is annotated with the {@code @Sharable}
* annotation, it means you can create an instance of the handler just once and
* add it to one or more {@link ChannelPipeline}s multiple times without
* a race condition.
* <p>
* If this annotation is not specified, you have to create
```

a new handler
* instance every time you add it to a pipeline because it has unshared state
* such as member variables.
* <p>
* This annotation is provided for documentation purpose, just like
* the JCIP annotations.
*
* <h3>Additional resources worth reading</h3>
* <p>
* Please refer to the {@link ChannelHandler}, and
* {@link ChannelPipeline} to find out more about inbound and outbound operations,
* what fundamental differences they have, how they flow in a pipeline, and how to handle
* the operation in your application.
*/

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* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/socket/oio/OioSocketChannelConfig.java
*
 /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/ConnectTimeoutException.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/socket/oio/OioServerSocketChannelConfig.java

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* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/ChannelProgressiveFuture.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/group/ChannelGroupException.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/DefaultMessageSizeEstimator.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/group/DefaultChannelGroup.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/group/ChannelMatcher.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/MessageSizeEstimator.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/group/ChannelGroup.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/SimpleChannelInboundHandler.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/socket/oio/DefaultOioServerSocketChannelConfig.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/bootstrap/ChannelFactory.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/ChannelHandlerAdapter.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/ChannelProgressiveFutureListener.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/DefaultChannelId.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/socket/oio/DefaultOioSocketChannelConfig.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/DefaultChannelProgressivePromise.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/ChannelOutboundBuffer.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/DefaultAddressedEnvelope.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/group/ChannelMatchers.java
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* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/bootstrap/BootstrapConfig.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/socket/DuplexChannel.java
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 /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/bootstrap/ServerBootstrapConfig.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/WriteBufferWaterMark.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/SelectStrategyFactory.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/PreferHeapByteBufAllocator.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/ChannelInboundInvoker.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/ChannelOutboundInvoker.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/bootstrap/AbstractBootstrapConfig.java
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 /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/SelectStrategy.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/DefaultSelectStrategy.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/group/VoidChannelGroupFuture.java
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jar/io/netty/channel/ServerChannel.java
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* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/AbstractChannelHandlerContext.java
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/opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/socket/SocketChannel.java
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* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/socket/ServerSocketChannelConfig.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/socket/nio/NioDatagramChannelConfig.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/EventLoopException.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/package-info.java
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* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/CombinedChannelDuplexHandler.java
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* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/ChannelInboundHandler.java
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* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/ChannelPipelineException.java
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* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/ThreadPerChannelEventLoop.java
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* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/AdaptiveRecvByteBufAllocator.java
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* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/ChannelPromiseAggregator.java
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* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/MaxMessagesRecvByteBufAllocator.java
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* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/embedded/EmbeddedChannelId.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/AbstractEventLoop.java
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* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/SimpleUserEventChannelHandler.java
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* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/nio/SelectedSelectionKeySetSelector.java
*
 /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/DelegatingChannelPromiseNotifier.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/socket/oio/OioDatagramChannelConfig.java

* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/PendingBytesTracker.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/internal/package-info.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/socket/ChannelInputShutdownReadComplete.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/internal/ChannelUtils.java
* /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownException.java
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 /opt/cola/permits/1262700237_1643433073.52/0/netty-transport-4-1-38-final-sources-jar/io/netty/bootstrap/FailedChannel.java
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* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/CloseWebSocketFrame.java
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* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketFrameDecoder.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/DefaultFullHttpRequest.java
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* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocket08FrameDecoder.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocket07FrameDecoder.java
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* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/package-info.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrameDecoder.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/HttpHeadersEncoder.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/Utf8FrameValidator.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockZlibDecoder.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionDecoder.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/WebSocketServerCompressionHandler.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateEncoder.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateFrameServerExtensionHandshaker.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketServerExtension.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockDecoder.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/HttpStatusClass.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrameCodec.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerFrameDeflateEncoder.java

*
/opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/HttpMessageUtil.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/HttpHeaderNames.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrameEncoder.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/ClientCookieEncoder.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/spdy/SpdyProtocolException.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/rtsp/RtspHeaderValues.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrameDecoderDelegate.java
*
/opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionEncoder.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketClientExtensionHandshaker.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/HttpHeaderValues.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/package-info.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketServerExtensionHandshaker.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerFrameDeflateDecoder.java
*
/opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketClientExtensionHandler.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateDecoder.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketClientExtension.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionUtil.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateEncoder.java
*
/opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/ServerCookieEncoder.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockRawDecoder.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/rtsp/RtspHeaderNames.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionData.java

* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketServerExtensionHandler.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateServerExtensionHandshaker.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateDecoder.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateFrameClientExtensionHandshaker.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateClientExtensionHandshaker.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/HttpChunkedInput.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtension.java
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* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/HttpServerKeepAliveHandler.java
* /opt/cola/permits/1262701020_1643432622.19/0/netty-codec-http-4-1-38-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketChunkedInput.java
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1.1505 jackson-annotations 2.8.0

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1.1506 plexus-cipher 1.4

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* $Revision: 765 $
* $Date: 2009-01-26 15:22:44 -0500 (Mon, 26 Jan 2009) $
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jar/org/sonatype/plexus/components/cipher/Base64.java
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jar/org/sonatype/plexus/components/cipher/PlexusCipher.java
* /opt/cola/permits/1263369439_1643651504.31/0/plexus-cipher-1-4-sources-
jar/org/sonatype/plexus/components/cipher/DefaultPlexusCipher.java
*
 /opt/cola/permits/1263369439_1643651504.31/0/plexus-cipher-1-4-sources-
jar/org/sonatype/plexus/components/cipher/PlexusCipherException.java
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1.1507 client-java 6.0.1

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* /opt/cola/permits/1263518280_1643663015.17/0/client-java-6-0-1-sources-jar/io/kubernetes/client/Copy.java
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* /opt/cola/permits/1263518280_1643663015.17/0/client-java-6-0-1-sources-jar/io/kubernetes/client/util/authenticators/GCPAuthenticator.java

*
/opt/cola/permits/1263518280_1643663015.17/0/client-java-6-0-1-sources-jar/io/kubernetes/client/PodLogs.java
* /opt/cola/permits/1263518280_1643663015.17/0/client-java-6-0-1-sources-jar/io/kubernetes/client/util/KubeConfig.java
* /opt/cola/permits/1263518280_1643663015.17/0/client-java-6-0-1-sources-jar/io/kubernetes/client/util/Config.java
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* /opt/cola/permits/1263518280_1643663015.17/0/client-java-6-0-1-sources-jar/io/kubernetes/client/PortForward.java
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* /opt/cola/permits/1263518280_1643663015.17/0/client-java-6-0-1-sources-jar/io/kubernetes/client/util/FilePersister.java
* /opt/cola/permits/1263518280_1643663015.17/0/client-java-6-0-1-sources-jar/io/kubernetes/client/util/ConfigPersister.java
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1.1508 sundr-codegen 0.18.0

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* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-

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* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/model/ClassRefFluentImpl.java
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* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/model/TypeDefFluent.java
* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/model/TypeRefFluentImpl.java
* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/model/VoidRefFluentImpl.java
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* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/model/TypeParamDefBuilder.java
* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/model/TypeParamRefBuilder.java
* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/model/EditableTypeParamDef.java
* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/model/EditableClassRef.java
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 /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/functions/Optionals.java
* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/model/SourceFluentImpl.java
* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/model/AnnotationRef.java
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* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/model/AttributeSupport.java
* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/generator/CodeGeneratorFluent.java
* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/directives/PluralizeDirective.java
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* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/directives/SingularizeDirective.java
* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/directives/FieldDirective.java
* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/utils/ModelUtils.java
* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/generator/GeneratorUtils.java
* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/processor/JavaGeneratingProcessor.java

* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/utils/StringUtils.java
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 /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/generator/CodeGenerator.java
* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/utils/TypeUtils.java
* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/directives/MethodDirective.java
* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/generator/CodeGeneratorBuilder.java
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* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/model/TypeRef.java
* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/functions/StringReplace.java
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* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/annotations/AnnotationSelector.java
* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/utils/Getter.java
* /opt/cola/permits/1263518351_1643662497.93/0/sundr-codegen-0-18-0-sources-jar/io/sundr/codegen/PackageScope.java

1.1509 swagger-parser-v2-converter 2.0.4

1.1509.1 Available under license :

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1.1510 simpleclient-hotspot 0.2.0

1.1510.1 Available under license :

Apache-2.0

1.1511 swagger-parser 1.0.38

1.1511.1 Available under license :

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public License license(ObjectNode node, String location, ParseResult result) {

Found in path(s):
* /opt/cola/permits/1263518330_1643662823.18/0/swagger-parser-1-0-38-sources-jar/io/swagger/parser/util/SwaggerDeserializer.java

1.1512 swagger-jaxrs 1.5.15

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```

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* /opt/cola/permits/1263516864_1643662509.27/0/swagger-jaxrs-1-5-15-sources-jar/io/swagger/jaxrs/Reader.java
* /opt/cola/permits/1263516864_1643662509.27/0/swagger-jaxrs-1-5-15-sources-jar/io/swagger/jaxrs/config/ReaderListener.java

1.1513 alpn-boot 8.1.13.v20181017

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1.1515 jetty 9.0.2.v20130417

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* /opt/cola/permits/1263516952_1643662936.68/0/jetty-io-9-0-2-v20130417-sources-jar/org/eclipse/jetty/io/ByteBufferPool.java
* /opt/cola/permits/1263516952_1643662936.68/0/jetty-io-9-0-2-v20130417-sources-jar/org/eclipse/jetty/io/SocketBased.java
* /opt/cola/permits/1263516952_1643662936.68/0/jetty-io-9-0-2-v20130417-sources-jar/org/eclipse/jetty/io/AbstractEndPoint.java
* /opt/cola/permits/1263516952_1643662936.68/0/jetty-io-9-0-2-v20130417-sources-jar/org/eclipse/jetty/io/IdleTimeout.java
* /opt/cola/permits/1263516952_1643662936.68/0/jetty-io-9-0-2-v20130417-sources-jar/org/eclipse/jetty/io/WriterOutputStream.java
* /opt/cola/permits/1263516952_1643662936.68/0/jetty-io-9-0-2-v20130417-sources-jar/org/eclipse/jetty/io/EndPoint.java
* /opt/cola/permits/1263516952_1643662936.68/0/jetty-io-9-0-2-v20130417-sources-jar/org/eclipse/jetty/io/AbstractConnection.java
* /opt/cola/permits/1263516952_1643662936.68/0/jetty-io-9-0-2-v20130417-sources-jar/org/eclipse/jetty/io/FillInterest.java
* /opt/cola/permits/1263516952_1643662936.68/0/jetty-io-9-0-2-v20130417-sources-jar/org/eclipse/jetty/io/WriteFlusher.java
* /opt/cola/permits/1263516952_1643662936.68/0/jetty-io-9-0-2-v20130417-sources-jar/org/eclipse/jetty/io/ChannelEndPoint.java
* /opt/cola/permits/1263516952_1643662936.68/0/jetty-io-9-0-2-v20130417-sources-jar/org/eclipse/jetty/io/SelectorManager.java
* /opt/cola/permits/1263516952_1643662936.68/0/jetty-io-9-0-2-v20130417-sources-jar/org/eclipse/jetty/io/EofException.java
* /opt/cola/permits/1263516952_1643662936.68/0/jetty-io-9-0-2-v20130417-sources-jar/org/eclipse/jetty/io/NetworkTrafficListener.java
* /opt/cola/permits/1263516952_1643662936.68/0/jetty-io-9-0-2-v20130417-sources-jar/org/eclipse/jetty/io/NetworkTrafficSelectChannelEndPoint.java
* /opt/cola/permits/1263516952_1643662936.68/0/jetty-io-9-0-2-v20130417-sources-

jar/org/eclipse/jetty/io/RuntimeIOException.java
* /opt/cola/permits/1263516952_1643662936.68/0/jetty-io-9-0-2-v20130417-sources-jar/org/eclipse/jetty/io/ArrayByteBufferPool.java
* /opt/cola/permits/1263516952_1643662936.68/0/jetty-io-9-0-2-v20130417-sources-jar/org/eclipse/jetty/io/MappedByteBufferPool.java
* /opt/cola/permits/1263516952_1643662936.68/0/jetty-io-9-0-2-v20130417-sources-jar/org/eclipse/jetty/io/ssl/SslConnection.java
* /opt/cola/permits/1263516952_1643662936.68/0/jetty-io-9-0-2-v20130417-sources-jar/org/eclipse/jetty/io/UncheckedPrintWriter.java
* /opt/cola/permits/1263516952_1643662936.68/0/jetty-io-9-0-2-v20130417-sources-jar/org/eclipse/jetty/io/ByteArrayEndPoint.java
*
/opt/cola/permits/1263516952_1643662936.68/0/jetty-io-9-0-2-v20130417-sources-jar/org/eclipse/jetty/io/Connection.java
* /opt/cola/permits/1263516952_1643662936.68/0/jetty-io-9-0-2-v20130417-sources-jar/org/eclipse/jetty/io/SelectChannelEndPoint.java
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* /opt/cola/permits/1263516952_1643662936.68/0/jetty-io-9-0-2-v20130417-sources-jar/about.html

1.1516 jackson-jaxrs-base 2.8.9

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1.1517 jackson-datatype-threetenbp 2.6.4

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com.fasterxml.jackson.datatype.threetenbp.ThreeTenModule

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* /opt/cola/permits/1263517116_1643662681.0/0/jackson-datatype-threetenbp-2-6-4-sources-jar/META-INF/services/com.fasterxml.jackson.databind.Module
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* /opt/cola/permits/1263517116_1643662681.0/0/jackson-datatype-threetenbp-2-6-4-sources-jar/com/fasterxml/jackson/datatype/threetenbp/PackageVersion.java
* /opt/cola/permits/1263517116_1643662681.0/0/jackson-datatype-threetenbp-2-6-4-sources-jar/com/fasterxml/jackson/datatype/threetenbp/ThreeTenModule.java
* /opt/cola/permits/1263517116_1643662681.0/0/jackson-datatype-threetenbp-2-6-4-sources-jar/com/fasterxml/jackson/datatype/threetenbp/ser/LocalDateSerializer.java
*

/opt/cola/permits/1263517116_1643662681.0/0/jackson-datatype-threetenbp-2-6-4-sources-jar/com/fasterxml/jackson/datatype/threetenbp/deser/YearMonthDeserializer.java
* /opt/cola/permits/1263517116_1643662681.0/0/jackson-datatype-threetenbp-2-6-4-sources-jar/com/fasterxml/jackson/datatype/threetenbp/deser/LocalDateDeserializer.java
* /opt/cola/permits/1263517116_1643662681.0/0/jackson-datatype-threetenbp-2-6-4-sources-jar/com/fasterxml/jackson/datatype/threetenbp/ser/YearSerializer.java
* /opt/cola/permits/1263517116_1643662681.0/0/jackson-datatype-threetenbp-2-6-4-sources-jar/com/fasterxml/jackson/datatype/threetenbp/deser/ThreeTenStringParsableDeserializer.java
* /opt/cola/permits/1263517116_1643662681.0/0/jackson-datatype-threetenbp-2-6-4-sources-jar/com/fasterxml/jackson/datatype/threetenbp/ser/LocalDateTimeSerializer.java
* /opt/cola/permits/1263517116_1643662681.0/0/jackson-datatype-threetenbp-2-6-4-sources-jar/com/fasterxml/jackson/datatype/threetenbp/deser/ThreeTenDeserializerBase.java
*
/opt/cola/permits/1263517116_1643662681.0/0/jackson-datatype-threetenbp-2-6-4-sources-jar/com/fasterxml/jackson/datatype/threetenbp/deser/LocalTimeDeserializer.java
* /opt/cola/permits/1263517116_1643662681.0/0/jackson-datatype-threetenbp-2-6-4-sources-jar/com/fasterxml/jackson/datatype/threetenbp/ser/InstantSerializer.java
* /opt/cola/permits/1263517116_1643662681.0/0/jackson-datatype-threetenbp-2-6-4-sources-jar/com/fasterxml/jackson/datatype/threetenbp/deser/LocalDateTimeDeserializer.java
* /opt/cola/permits/1263517116_1643662681.0/0/jackson-datatype-threetenbp-2-6-4-sources-jar/com/fasterxml/jackson/datatype/threetenbp/ser/DurationSerializer.java
* /opt/cola/permits/1263517116_1643662681.0/0/jackson-datatype-threetenbp-2-6-4-sources-jar/com/fasterxml/jackson/datatype/threetenbp/ser/ThreeTenFormattedSerializerBase.java
*
/opt/cola/permits/1263517116_1643662681.0/0/jackson-datatype-threetenbp-2-6-4-sources-jar/com/fasterxml/jackson/datatype/threetenbp/ser/InstantSerializerBase.java
* /opt/cola/permits/1263517116_1643662681.0/0/jackson-datatype-threetenbp-2-6-4-sources-jar/com/fasterxml/jackson/datatype/threetenbp/ser/OffsetTimeSerializer.java
* /opt/cola/permits/1263517116_1643662681.0/0/jackson-datatype-threetenbp-2-6-4-sources-jar/com/fasterxml/jackson/datatype/threetenbp/DecimalUtils.java
* /opt/cola/permits/1263517116_1643662681.0/0/jackson-datatype-threetenbp-2-6-4-sources-jar/com/fasterxml/jackson/datatype/threetenbp/deser/InstantDeserializer.java
* /opt/cola/permits/1263517116_1643662681.0/0/jackson-datatype-threetenbp-2-6-4-sources-jar/com/fasterxml/jackson/datatype/threetenbp/deser/DurationDeserializer.java
* /opt/cola/permits/1263517116_1643662681.0/0/jackson-datatype-threetenbp-2-6-4-sources-jar/com/fasterxml/jackson/datatype/threetenbp/deser/OffsetTimeDeserializer.java
* /opt/cola/permits/1263517116_1643662681.0/0/jackson-datatype-threetenbp-2-6-4-sources-jar/com/fasterxml/jackson/datatype/threetenbp/ser/YearMonthSerializer.java
*
/opt/cola/permits/1263517116_1643662681.0/0/jackson-datatype-threetenbp-2-6-4-sources-jar/com/fasterxml/jackson/datatype/threetenbp/PackageVersion.java.in
* /opt/cola/permits/1263517116_1643662681.0/0/jackson-datatype-threetenbp-2-6-4-sources-jar/com/fasterxml/jackson/datatype/threetenbp/deser/YearDeserializer.java
* /opt/cola/permits/1263517116_1643662681.0/0/jackson-datatype-threetenbp-2-6-4-sources-jar/com/fasterxml/jackson/datatype/threetenbp/ser/LocalTimeSerializer.java

1.1518 swagger-parser-v3 2.0.4

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* /opt/cola/permits/1263518337_1643662490.06/0/swagger-parser-v3-2-0-4-sources-jar/io/swagger/v3/parser/util/OpenAPIDeserializer.java

1.1519 openjsse 1.1.2

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1.1520 hibernate-validator-annotation-processor 5.4.2.Final

1.1520.1 Available under license :

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~
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Found in path(s):
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/package.html
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/util/package.html
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/META-INF/maven/org.hibernate/hibernate-validator-annotation-processor/pom.xml
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/package.html
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* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/classchecks/MethodInheritanceTree.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/annotationparameters/AnnotationParametersGroupsCheck.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/classchecks/AbstractClassCheck.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/ConstraintCheckIssue.java
*
/opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/annotationparameters/AnnotationParametersDigitsCheck.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/util/Configuration.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/annotationparameters/GroupSequenceCheck.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-

jar/org/hibernate/validator/ap/util/StringHelper.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/AbstractConstraintCheck.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/ConstraintValidatorCheck.java
*
/opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/ConstraintAnnotationVisitor.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/MultiValuedChecks.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/annotationparameters/AnnotationDefaultMessageCheck.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/AbstractElementVisitor.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/util/TypeNames.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/util/CollectionHelper.java
*
/opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/annotationparameters/AnnotationParametersScriptAssertCheck.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/RetentionPolicyCheck.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/ConstraintValidationProcessor.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/ConstraintCheckFactory.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/GetterCheck.java
*
/opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/classchecks/ReturnValueMethodOverrideCheck.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/annotationparameters/AnnotationParametersAbstractCheck.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/SingleValuedChecks.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/CrossParameterConstraintCheck.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/classchecks/ParametersMethodOverrideCheck.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/AnnotationTypeMemberCheck.java
*
/opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/util/MessagerAdapter.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/TypeCheck.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-

jar/org/hibernate/validator/ap/util/ConstraintHelper.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/annotationparameters/AnnotationParametersDecimalMinMaxCheck.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/MethodAnnotationCheck.java
*
/opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/ConstraintCheck.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/ConstraintChecks.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/GroupSequenceProviderCheck.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/classchecks/ClassCheckFactory.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/StaticCheck.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/classchecks/AbstractMethodOverrideCheck.java
*
/opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/util/AnnotationApiHelper.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/annotationparameters/AnnotationParametersSizeLengthCheck.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/annotationparameters/AnnotationMessageCheck.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/annotationparameters/AnnotationUserMessageCheck.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/TargetCheck.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/ClassVisitor.java
*
/opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/classchecks/ClassCheck.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/AnnotationTypeCheck.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/PrimitiveCheck.java
* /opt/cola/permits/1263516642_1643662940.39/0/hibernate-validator-annotation-processor-5-4-2-final-sources-jar/org/hibernate/validator/ap/checks/annotationparameters/AnnotationParametersPatternCheck.java

1.1521 splunk-library-javalogging 1.9.0

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1.1522 migbase64 2.2

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/** A very fast and memory efficient class to encode and decode to and from BASE64 in full accordance
* with RFC 2045.

* On Windows XP sp1 with 1.4.2_04 and later ;), this encoder and decoder is about 10 times faster
* on small arrays (10 - 1000 bytes) and 2-3 times as fast on larger arrays (10000 - 1000000 bytes)
* compared to <code>sun.misc.Encoder()/Decoder()</code>.

*
* On byte arrays the encoder is about 20% faster than Jakarta Commons Base64 Codec for encode and
* about 50% faster for decoding large arrays. This implementation is about twice as fast on very small
* arrays (&lt 30 bytes). If source/destination is a <code>String</code> this
* version is about three times as fast due to the fact that the Commons Codec result has to be recoded
* to a <code>String</code> from <code>byte[]</code>, which is very expensive.

*
* This encode/decode algorithm doesn't create any temporary
arrays as many other codecs do, it only
* allocates the resulting array. This produces less garbage and it is possible to handle arrays twice
* as large as algorithms that create a temporary array. (E.g. Jakarta Commons Codec). It is unknown
* whether Sun's <code>sun.misc.Encoder()/Decoder()</code> produce temporary arrays but since performance
* is quite low it probably does.

*
* The encoder produces the same output as the Sun one except that the Sun's encoder appends
* a trailing line separator if the last character isn't a pad. Unclear why but it only adds to the
* length and is probably a side effect. Both are in conformance with RFC 2045 though.

* Commons codec seem to always att a trailing line separator.

*
* Note!
* The encode/decode method pairs (types) come in three versions with the exact same algorithm and
* thus a lot of code redundancy. This is to not create any temporary arrays for transcoding to/from different
* format types.
 The methods not used can simply be commented out.

*
* There is also a "fast" version of all decode methods that works the same way as the normal ones, but
* har a few demands on the decoded input. Normally though, these fast verions should be used if the source if
* the input is known and it hasn't bee tampered with.

*
* If you find the code useful or you find a bug, please send me a note at base64 @ miginfocom . com.
*
* Licence (BSD):
* ==========
*
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*

* @version 2.2
* @author Mikael Grev
* Date: 2004-aug-02
* Time: 11:31:11
*/

Found in path(s):
* /opt/cola/permits/1263518381_1643662751.37/0/migbase64-2-2-sources-jar/com/migcomponents/migbase64/Base64.java

1.1523 splunk-library-javalogging 1.11.4

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1.1524 threetenbp 1.3.6

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1.1526 simpleclient-jetty 0.6.0

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1.1527 jackson-jaxrs 2.8.9

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1.1528 protobuf-java-util 3.9.1

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1.1529 bucket4j-core 4.4.1

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* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/IncompatibleConfigurationException.java
* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/TryConsumeAndReturnRemainingTokensCommand.java
* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/Nothing.java
* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/BlockingBucket.java
* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/GridProxy.java
* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/ProxyManager.java
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* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/BucketListener.java
* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/ConsumptionProbe.java
* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/BucketNotFoundException.java
* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/SimpleBucketListener.java
* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/local/SynchronizationStrategy.java

* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/local/LocalBucket.java
* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/AbstractBucketBuilder.java
* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/AddTokensCommand.java
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* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/GridBucketState.java
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* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/BucketConfiguration.java
* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/ReplaceConfigurationOrReturnPreviousCommand.java
* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/Bucket4j.java
* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/ConsumeAsMuchAsPossibleCommand.java
* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/GetAvailableTokensCommand.java
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* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/local/FakeLock.java
* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/BlockingStrategy.java
* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/AsyncScheduledBucket.java
* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/BucketExceptions.java
* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/UninterruptibleBlockingStrategy.java
* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/RecoveryStrategy.java
* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/local/SynchronizedBucket.java
* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/EstimationProbe.java
*

/opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/local/LockFreeBucket.java
* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/grid/GridCommand.java
* /opt/cola/permits/1263518564_1643662883.25/0/bucket4j-core-4-4-1-sources-jar/io/github/bucket4j/Refill.java

1.1530 jetty-security 9.0.2.v20130417

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* /opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/HashCrossContextPsuedoSession.java
* /opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/authentication/DeferredAuthentication.java
* /opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/JDBCLoginService.java
* /opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/LoginService.java
* /opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/authentication/LoginCallback.java
* /opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/ServerAuthException.java
*
/opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/RunAsToken.java
* /opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/RoleRunAsToken.java

* /opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/Authenticator.java
* /opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/DefaultUserIdentity.java
* /opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/HashLoginService.java
* /opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/authentication/LoginCallbackImpl.java
* /opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/DefaultIdentityService.java
*
/opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/UserAuthentication.java
* /opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/PropertyUserStore.java
* /opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/UserDataConstraint.java
* /opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/authentication/SpnegoAuthenticator.java
* /opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/IdentityService.java
* /opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/authentication/FormAuthenticator.java
* /opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/RoleInfo.java
*
/opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/authentication/LoginAuthenticator.java
* /opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/authentication/SessionAuthentication.java
* /opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/SpnegoUserIdentity.java
* /opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/DefaultAuthenticatorFactory.java
* /opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/CrossContextPsuedoSession.java
* /opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/MappedLoginService.java
* /opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/SecurityHandler.java
*
/opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/SpnegoUserPrincipal.java
* /opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/authentication/ClientCertAuthenticator.java
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Found in path(s):
* /opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/org/eclipse/jetty/security/ConstraintSecurityHandler.java
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* /opt/cola/permits/1263518572_1643662495.98/0/jetty-security-9-0-2-v20130417-sources-jar/about.html

1.1531 openapi-generator-cli 3.3.4

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* /opt/cola/permits/1263517745_1643662906.01/0/openapi-generator-cli-3-3-4-sources-jar/org/openapitools/codegen/cmd/CompletionCommand.java
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* /opt/cola/permits/1263517745_1643662906.01/0/openapi-generator-cli-3-3-4-sources-jar/org/openapitools/codegen/cmd/ConfigHelp.java
* /opt/cola/permits/1263517745_1643662906.01/0/openapi-generator-cli-3-3-4-sources-jar/org/openapitools/codegen/cmd/Version.java
* /opt/cola/permits/1263517745_1643662906.01/0/openapi-generator-cli-3-3-4-sources-jar/org/openapitools/codegen/cmd/Validate.java
* /opt/cola/permits/1263517745_1643662906.01/0/openapi-generator-cli-3-3-4-sources-jar/org/openapitools/codegen/cmd/Generate.java
* /opt/cola/permits/1263517745_1643662906.01/0/openapi-generator-cli-3-3-4-sources-jar/org/openapitools/codegen/OpenAPIGenerator.java
* /opt/cola/permits/1263517745_1643662906.01/0/openapi-generator-cli-3-3-4-sources-jar/org/openapitools/codegen/cmd/Langs.java
* /opt/cola/permits/1263517745_1643662906.01/0/openapi-generator-cli-3-3-4-sources-jar/org/openapitools/codegen/cmd/Meta.java

1.1532 builder-annotations 0.18.0

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io.sundr.builder.internal.processor.BuildableProcessor
io.sundr.builder.internal.processor.ExternalBuildableProcessor

Found in path(s):
* /opt/cola/permits/1263516762_1643662780.16/0/builder-annotations-0-18-0-sources-jar/META-INF/services/javax.annotation.processing.Processor
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* /opt/cola/permits/1263516762_1643662780.16/0/builder-annotations-0-18-0-sources-jar/io/sundr/builder/internal/resources/ValidationUtils.java
* /opt/cola/permits/1263516762_1643662780.16/0/builder-annotations-0-18-0-sources-jar/io/sundr/builder/internal/functions/ToPojo.java
* /opt/cola/permits/1263516762_1643662780.16/0/builder-annotations-0-18-0-sources-jar/io/sundr/builder/annotations/Adapter.java
* /opt/cola/permits/1263516762_1643662780.16/0/builder-annotations-0-18-0-sources-jar/io/sundr/builder/internal/functions/Construct.java

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Found in path(s):
* /opt/cola/permits/1263516762_1643662780.16/0/builder-annotations-0-18-0-sources-jar/io/sundr/builder/annotations/Pojo.java
* /opt/cola/permits/1263516762_1643662780.16/0/builder-annotations-0-18-0-sources-jar/io/sundr/builder/internal/visitors/InitEnricher.java
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* /opt/cola/permits/1263516762_1643662780.16/0/builder-annotations-0-18-0-sources-jar/io/sundr/builder/internal/functions/Descendants.java
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* /opt/cola/permits/1263516762_1643662780.16/0/builder-annotations-0-18-0-sources-jar/io/sundr/builder/internal/BuildableRepository.java
* /opt/cola/permits/1263516762_1643662780.16/0/builder-annotations-0-18-0-sources-jar/io/sundr/builder/Constants.java
* /opt/cola/permits/1263516762_1643662780.16/0/builder-annotations-0-18-0-sources-jar/io/sundr/builder/internal/BuilderContext.java
* /opt/cola/permits/1263516762_1643662780.16/0/builder-annotations-0-18-0-sources-jar/io/sundr/builder/internal/processor/AbstractBuilderProcessor.java
* /opt/cola/permits/1263516762_1643662780.16/0/builder-annotations-0-18-0-sources-jar/io/sundr/builder/annotations/BuildableReference.java
* /opt/cola/permits/1263516762_1643662780.16/0/builder-annotations-0-18-0-sources-jar/io/sundr/builder/internal/functions/TypeAs.java
* /opt/cola/permits/1263516762_1643662780.16/0/builder-annotations-0-18-0-sources-jar/io/sundr/builder/internal/processor/BuildableProcessor.java
* /opt/cola/permits/1263516762_1643662780.16/0/builder-annotations-0-18-0-sources-jar/io/sundr/builder/internal/functions/ToMethod.java
* /opt/cola/permits/1263516762_1643662780.16/0/builder-annotations-0-18-0-sources-jar/io/sundr/builder/annotations/Buildable.java
* /opt/cola/permits/1263516762_1643662780.16/0/builder-annotations-0-18-0-sources-jar/io/sundr/builder/annotations/ExternalBuildables.java
* /opt/cola/permits/1263516762_1643662780.16/0/builder-annotations-0-18-0-sources-jar/io/sundr/builder/internal/functions/PropertyAs.java
* /opt/cola/permits/1263516762_1643662780.16/0/builder-annotations-0-18-0-sources-jar/io/sundr/builder/annotations/Inline.java
* /opt/cola/permits/1263516762_1643662780.16/0/builder-annotations-0-18-0-sources-jar/io/sundr/builder/internal/processor/ExternalBuildableProcessor.java
* /opt/cola/permits/1263516762_1643662780.16/0/builder-annotations-0-18-0-sources-jar/io/sundr/builder/internal/utils/BuilderUtils.java
* /opt/cola/permits/1263516762_1643662780.16/0/builder-annotations-0-18-0-sources-jar/io/sundr/builder/internal/functions/ClazzAs.java
* /opt/cola/permits/1263516762_1643662780.16/0/builder-annotations-0-18-0-sources-

jar/io/sundr/builder/internal/BuilderContextManager.java
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* /opt/cola/permits/1263516762_1643662780.16/0/builder-annotations-0-18-0-sources-jar/io/sundr/builder/annotations/FilterDescendants.java

1.1533 swagger-jersey2-jaxrs 1.5.15

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1.1534 client-java-proto 6.0.1

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1.1535 crsplugin 1.0-SNAPSHOT

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1.1536 jackson-datatype-joda 2.8.9

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1.1537 gclogparser 1.0-SNAPSHOT

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1.1538 swagger-compat-spec-parser 1.0.38

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```
package io.swagger.models.resourcelisting;

import io.swagger.models.SwaggerBaseModel;

public class ApiInfo extends SwaggerBaseModel {
  private String title = null;
  private String description = null;
  private String termsOfServiceUrl = null;
  private String contact = null;
  private String license = null;
  private String licenseUrl = null;

  public String getTitle() {
    return title;
```

```
}

public void setTitle(String title) {
    this.title = title;
}

public String getDescription() {
    return description;
}

public void setDescription(String description) {
    this.description = description;
}

public String getTermsOfServiceUrl() {
    return termsOfServiceUrl;
}

public void setTermsOfServiceUrl(String termsOfServiceUrl) {
    this.termsOfServiceUrl = termsOfServiceUrl;
}

public String getContact() {
    return contact;
 }

public void setContact(String contact) {
    this.contact = contact;
}

public String getLicense() {
    return license;
}

public void setLicense(String license) {
    this.license = license;
}

public String getLicenseUrl() {
    return licenseUrl;
}

public void setLicenseUrl(String licenseUrl) {
    this.licenseUrl = licenseUrl;
}

@Override
public String toString() {
```

```
        StringBuilder sb = new StringBuilder();
        sb.append("class ApiInfo {\n");
        sb.append("  title: ").append(title).append("\n");
        sb.append("  description: ").append(description).append("\n");
        sb.append("  termsOfServiceUrl: ").append(termsOfServiceUrl).append("\n");
        sb.append("  contact: ").append(contact).append("\n");
        sb.append("  license: ").append(license).append("\n");
        sb.append("  licenseUrl: ").append(licenseUrl).append("\n");
        sb.append("  extraFields: ").append(getExtraFields()).append("\n");
         sb.append("}\n");
        return sb.toString();
    }
}
```

Found in path(s):
* /opt/cola/permits/1263516319_1643662647.78/0/swagger-compat-spec-parser-1-0-38-sources-jar/io/swagger/models/resourcelisting/ApiInfo.java

1.1539 okhttp-ws 2.7.5

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Found in path(s):
* /opt/cola/permits/1263517924_1643662517.3/0/okhttp-ws-2-7-5-sources-jar/com/squareup/okhttp/internal/ws/WebSocketWriter.java
* /opt/cola/permits/1263517924_1643662517.3/0/okhttp-ws-2-7-5-sources-jar/com/squareup/okhttp/internal/ws/RealWebSocket.java
* /opt/cola/permits/1263517924_1643662517.3/0/okhttp-ws-2-7-5-sources-jar/com/squareup/okhttp/internal/ws/WebSocketProtocol.java
*

/opt/cola/permits/1263517924_1643662517.3/0/okhttp-ws-2-7-5-sources-jar/com/squareup/okhttp/internal/ws/WebSocketReader.java
* /opt/cola/permits/1263517924_1643662517.3/0/okhttp-ws-2-7-5-sources-jar/com/squareup/okhttp/ws/WebSocket.java
* /opt/cola/permits/1263517924_1643662517.3/0/okhttp-ws-2-7-5-sources-jar/com/squareup/okhttp/ws/WebSocketCall.java
* /opt/cola/permits/1263517924_1643662517.3/0/okhttp-ws-2-7-5-sources-jar/com/squareup/okhttp/ws/WebSocketListener.java

1.1540 mjson 1.4.1

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Found in path(s):
* /opt/cola/permits/1263517457_1643662661.79/0/mjson-1-4-1-sources-jar/mjson/Json.java

1.1541 gcloganalyzer2 1.0-SNAPSHOT

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1.1542 jetty-util 9.0.2.v20130417

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* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/component/Graceful.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/B64Code.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/ReadLineInputStream.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/log/Logger.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/log/Slf4jLog.java
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* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/ClassLoadingObjectInputStream.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/TypeUtil.java
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* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/ConcurrentHashSet.java
*
 /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/Utf8LineParser.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/ConcurrentArrayQueue.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/security/Credential.java
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* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/component/Container.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/AttributesMap.java
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 /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/thread/ScheduledExecutorScheduler.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/IO.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/component/Destroyable.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/thread/Scheduler.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/TreeTrie.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/StringUtil.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/ByteArrayISO8859Writer.java
*
 /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/preventers/Java2DLeakPreventer.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/Attributes.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/statistic/SampleStatistic.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/PatternMatcher.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/resource/FileResource.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/resource/ResourceCollection.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-

jar/org/eclipse/jetty/util/AbstractTrie.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/preventers/SecurityProviderLeakPreventer.java
*
/opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/Jetty.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/thread/QueuedThreadPool.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/IntrospectionUtil.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/component/ContainerLifeCycle.java
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* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/RolloverFileOutputStream.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/Loader.java
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/opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/ArrayQueue.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/resource/BadResource.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/preventers/DOMLeakPreventer.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/HttpCookieStore.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/resource/URLResource.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/preventers/AbstractLeakPreventer.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/ForkInvoker.java
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* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/log/LoggerLog.java
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* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/resource/Resource.java
*
 /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/FuturePromise.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/MemoryUtils.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/ConcurrentArrayBlockingQueue.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/MultiPartInputStreamParser.java
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* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/thread/ExecutorThreadPool.java
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* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/log/JavaUtilLog.java
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* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/component/FileNoticeLifeCycleListener.java
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* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/MultiException.java
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* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/DateCache.java
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* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/ArrayUtil.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/component/FileDestroyable.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/log/StdErrLog.java
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* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/thread/ThreadPool.java
* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/MultiPartOutputStream.java
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/**
   * @param c Data constrain indicator: 0=DC+NONE, 1=DC_INTEGRAL &
   *              2=DC_CONFIDENTIAL
   */
/**
   * @return Data constrain indicator: 0=DC+NONE, 1=DC_INTEGRAL &
   *        2=DC_CONFIDENTIAL
   */
```

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/**
* Utf8 Appendable abstract base class
*
```

* This abstract class wraps a standard {@link java.lang.Appendable} and provides methods to append UTF-8 encoded bytes, that are converted into characters.
*
* This class is stateful and up to 4 calls to {@link #append(byte)} may be needed before state a character is appended to the string buffer.
*
* The UTF-8 decoding is done by this class and no additional buffers or Readers are used. The UTF-8 code was inspired by
* http://bjoern.hoehrmann.de/utf-8/decoder/dfa/
*
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* /opt/cola/permits/1263517081_1643662501.63/0/jetty-util-9-0-2-v20130417-sources-jar/org/eclipse/jetty/util/annotation/ManagedAttribute.java
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/*
* @(#)UnixCrypt.java 0.9 96/11/25
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1.1543 plexus-build-api 0.0.7

1.1543.1 Available under license :

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* /opt/cola/permits/1263517529_1643662832.72/0/plexus-build-api-0-0-7-sources-jar/org/sonatype/plexus/build/incremental/ThreadBuildContext.java
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1.1544 plexus-utils 1.5.8

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1.1546 simpleclient-common 0.2.0

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1.1547 threetenbp 1.3.1

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1.1548 mapstruct 1.3.0.Final

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1.1549 client-java-api 6.0.1

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1.1550 simpleclient-httpserver 0.2.0

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1.1551 openapi-generator-maven-plugin 3.3.4

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Found in path(s):
* /opt/cola/permits/1263518543_1643662786.58/0/openapi-generator-maven-plugin-3-3-4-sources-jar/org/openapitools/codegen/plugin/CodeGenMojo.java

1.1552 client-java-extended 6.0.1

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* /opt/cola/permits/1263516588_1643662806.35/0/client-java-extended-6-0-1-sources-jar/io/kubernetes/client/extended/pager/Pager.java

1.1553 jackson-xc 2.8.9

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1.1554 openapi-generator 3.3.4

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=begin comment

{{#appName}}
{{{appName}}}

{{/appName}}
{{#appDescription}}
{{{appDescription}}}

{{/appDescription}}
{{#version}}OpenAPI spec version: {{version}}{{/version}}
{{#infoEmail}}Contact: {{{infoEmail}}}{{/infoEmail}}
Generated by: https://openapi-generator.tech

=end comment

=cut
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#

io.sundr.resourcecify.internal.processor.ResourcecifyProcessor

Found in path(s):
* /opt/cola/permits/1263516614_1643662507.36/0/resourcecify-annotations-0-18-0-sources-jar/META-INF/services/javax.annotation.processing.Processor
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* /opt/cola/permits/1263516614_1643662507.36/0/resourcecify-annotations-0-18-0-sources-jar/io/sundr/resourcecify/annotations/Resourcecify.java
* /opt/cola/permits/1263516614_1643662507.36/0/resourcecify-annotations-0-18-0-sources-jar/io/sundr/resourcecify/internal/processor/ResourcecifyProcessor.java

1.1556 swagger-annotations 1.5.21

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* /opt/cola/permits/1263517322_1643662912.56/0/swagger-annotations-1-5-21-sources-jar/io/swagger/annotations/ApiModelProperty.java
* /opt/cola/permits/1263517322_1643662912.56/0/swagger-annotations-1-5-21-sources-jar/io/swagger/annotations/ApiResponses.java
* /opt/cola/permits/1263517322_1643662912.56/0/swagger-annotations-1-5-21-sources-jar/io/swagger/annotations/ApiModel.java
* /opt/cola/permits/1263517322_1643662912.56/0/swagger-annotations-1-5-21-sources-jar/io/swagger/annotations/Authorization.java
* /opt/cola/permits/1263517322_1643662912.56/0/swagger-annotations-1-5-21-sources-jar/io/swagger/annotations/ApiParam.java
* /opt/cola/permits/1263517322_1643662912.56/0/swagger-annotations-1-5-21-sources-jar/io/swagger/annotations/Extension.java
* /opt/cola/permits/1263517322_1643662912.56/0/swagger-annotations-1-5-21-sources-jar/io/swagger/annotations/ExampleProperty.java
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* /opt/cola/permits/1263517322_1643662912.56/0/swagger-annotations-1-5-21-sources-jar/io/swagger/annotations/AuthorizationScope.java
* /opt/cola/permits/1263517322_1643662912.56/0/swagger-annotations-1-5-21-sources-jar/io/swagger/annotations/ResponseHeader.java
* /opt/cola/permits/1263517322_1643662912.56/0/swagger-annotations-1-5-21-sources-jar/io/swagger/annotations/ApiImplicitParam.java
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* /opt/cola/permits/1263517322_1643662912.56/0/swagger-annotations-1-5-21-sources-

jar/io/swagger/annotations/Info.java
*
/opt/cola/permits/1263517322_1643662912.56/0/swagger-annotations-1-5-21-sources-jar/io/swagger/annotations/ExtensionProperty.java
* /opt/cola/permits/1263517322_1643662912.56/0/swagger-annotations-1-5-21-sources-jar/io/swagger/annotations/ExternalDocs.java
* /opt/cola/permits/1263517322_1643662912.56/0/swagger-annotations-1-5-21-sources-jar/io/swagger/annotations/SwaggerDefinition.java

1.1557 maven-shared-utils 3.3.4

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1.1559 diameter-parent 1.5.0-SNAPSHOT

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d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that
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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The

threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the
object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany
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properly with a modified version of the library, if
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For an executable, the required form of the "work that uses the
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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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under the terms of Sections 1 and 2 above provided that you accompany
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6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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1.1562 jline-reader 3.5.2

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*
 /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/SyntaxError.java
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* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/Buffer.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/impl/SimpleMaskingCallback.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/impl/LineReaderImpl.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/LineReader.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/MaskingCallback.java
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* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/impl/completer/StringsCompleter.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/impl/DefaultHighlighter.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/keymap/KeyMap.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/Macro.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/impl/completer/NullCompleter.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/ParsedLine.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/LineReaderBuilder.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/keymap/BindingReader.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/impl/history/DefaultHistory.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/impl/completer/FileNameCompleter.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/Expander.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/Reference.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/History.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/impl/KillRing.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/impl/completer/package-info.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/impl/DefaultParser.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/impl/ReaderUtils.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/Completer.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/Parser.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/impl/DefaultExpander.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/Widget.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/impl/UndoTree.java
*

/opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/impl/history/package-info.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/impl/completer/AggregateCompleter.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/Highlighter.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/Binding.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/impl/completer/EnumCompleter.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/Candidate.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/UserInterruptException.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/impl/completer/ArgumentCompleter.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/EndOfFileException.java

1.1563 jline-remote-ssh 3.5.2

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* /opt/cola/permits/1265207942_1643886401.67/0/jline-remote-ssh-3-5-2-sources-jar/org/jline/builtins/ssh/ShellFactoryImpl.java
* /opt/cola/permits/1265207942_1643886401.67/0/jline-remote-ssh-3-5-2-sources-jar/org/jline/builtins/ssh/ShellCommand.java
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1.1564 jline-terminal 3.5.2

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* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/terminal/impl/PosixPtyTerminal.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/utils/PumpReader.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/terminal/impl/DumbTerminal.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/utils/WriterOutputStream.java
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auto_left_margin, bw, bw
auto_right_margin, am, am
back_color_erase, bce, ut
can_change, ccc, cc
ceol_standout_glitch, xhp, xs
col_addr_glitch, xhpa, YA
cpi_changes_res, cpix, YF
cr_cancels_micro_mode, crxm, YB
dest_tabs_magic_smso, xt, xt
eat_newline_glitch, xenl, xn
erase_overstrike, eo, eo
generic_type, gn, gn
hard_copy, hc, hc
hard_cursor, chts, HC
has_meta_key, km, km
has_print_wheel, daisy, YC
has_status_line, hs, hs
hue_lightness_saturation, hls, hl
insert_null_glitch, in, in
lpi_changes_res, lpix, YG
memory_above, da, da
memory_below, db, db
move_insert_mode, mir, mi
move_standout_mode, msgr, ms
needs_xon_xoff, nxon, nx
no_esc_ctlc, xsb, xb
no_pad_char,
 npc, NP
non_dest_scroll_region, ndscr, ND
non_rev_rmcup, nrrmc, NR
over_strike, os, os
prtr_silent, mc5i, 5i
row_addr_glitch, xvpa, YD
semi_auto_right_margin, sam, YE
status_line_esc_ok, eslok, es
tilde_glitch, hz, hz
transparent_underline, ul, ul
xon_xoff, xon, xo
columns, cols, co
init_tabs, it, it
label_height, lh, lh
label_width, lw, lw
lines, lines, li
lines_of_memory, lm, lm
magic_cookie_glitch, xmc, sg
max_attributes, ma, ma

max_colors, colors, Co
max_pairs, pairs, pa
maximum_windows, wnum, MW
no_color_video, ncv, NC
num_labels, nlab, Nl
padding_baud_rate, pb, pb
virtual_terminal, vt, vt
width_status_line, wsl, ws
bit_image_entwining, bitwin, Yo
bit_image_type, bitype, Yp
buffer_capacity, bufsz, Ya
buttons, btns, BT
dot_horz_spacing, spinh, Yc
dot_vert_spacing, spinv, Yb
max_micro_address, maddr, Yd
max_micro_jump, mjump, Ye
micro_col_size, mcs, Yf
micro_line_size, mls, Yg
number_of_pins, npins, Yh
output_res_char, orc, Yi
output_res_horz_inch, orhi, Yk
output_res_line, orl, Yj
output_res_vert_inch,
orvi, Yl
print_rate, cps, Ym
wide_char_size, widcs, Yn
acs_chars, acsc, ac
back_tab, cbt, bt
bell, bel, bl
carriage_return, cr, cr
change_char_pitch, cpi, ZA
change_line_pitch, lpi, ZB
change_res_horz, chr, ZC
change_res_vert, cvr, ZD
change_scroll_region, csr, cs
char_padding, rmp, rP
clear_all_tabs, tbc, ct
clear_margins, mgc, MC
clear_screen, clear, cl
clr_bol, el1, cb
clr_eol, el, ce
clr_eos, ed, cd
column_address, hpa, ch
command_character, cmdch, CC
create_window, cwin, CW
cursor_address, cup, cm
cursor_down, cud1, do
cursor_home, home, ho

cursor_invisible, civis, vi
cursor_left, cub1, le
cursor_mem_address, mrcup, CM
cursor_normal, cnorm, ve
cursor_right, cuf1, nd
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cursor_up, cuu1, up
cursor_visible, cvvis, vs
define_char, defc, ZE
delete_character, dch1, dc
delete_line, dl1, dl
dial_phone, dial, DI
dis_status_line, dsl, ds
display_clock, dclk, DK
down_half_line, hd, hd
ena_acs, enacs, eA
enter_alt_charset_mode, smacs, as
enter_am_mode,
smam, SA
enter_blink_mode, blink, mb
enter_bold_mode, bold, md
enter_ca_mode, smcup, ti
enter_delete_mode, smdc, dm
enter_dim_mode, dim, mh
enter_doublewide_mode, swidm, ZF
enter_draft_quality, sdrfq, ZG
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enter_normal_quality, snrmq, ZL
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enter_subscript_mode, ssubm, ZN
enter_superscript_mode, ssupm, ZO
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exit_superscript_mode, rsupm, ZW
exit_underline_mode, rmul, ue
exit_upward_mode, rum, ZX
exit_xon_mode, rmxon, RX
fixed_pause, pause, PA
flash_hook, hook, fh
flash_screen, flash, vb
form_feed, ff, ff
from_status_line, fsl, fs
goto_window, wingo, WG
hangup, hup, HU
init_1string, is1, i1
init_2string, is2, is
init_3string, is3, i3
init_file, if, if
init_prog, iprog, iP
initialize_color, initc, Ic
initialize_pair, initp, Ip
insert_character, ich1, ic
insert_line, il1, al
insert_padding, ip, ip
key_a1, ka1, K1
key_a3, ka3, K3
key_b2, kb2, K2
key_backspace, kbs, kb
key_beg, kbeg, @1
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key_c1, kc1, K4
key_c3, kc3, K5
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key_dl, kdl1, kL

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ked, kS
key_exit, kext, @9
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key_f16, kf16, F6
key_f17, kf17, F7
key_f18, kf18, F8
key_f19, kf19, F9
key_f2, kf2, k2
key_f20, kf20, FA
key_f21, kf21, FB
key_f22, kf22, FC
key_f23, kf23, FD
key_f24, kf24, FE
key_f25, kf25, FF
key_f26, kf26, FG
key_f27, kf27, FH
key_f28, kf28, FI
key_f29, kf29, FJ
key_f3, kf3, k3
key_f30, kf30, FK
key_f31, kf31, FL
key_f32, kf32, FM
key_f33, kf33, FN
key_f34, kf34, FO
key_f35, kf35, FP
key_f36, kf36, FQ
key_f37, kf37, FR
key_f38, kf38, FS
key_f39, kf39, FT
key_f4, kf4, k4
key_f40, kf40, FU
key_f41, kf41, FV
key_f42, kf42, FW
key_f43, kf43, FX
key_f44, kf44, FY

key_f45, kf45, FZ
key_f46, kf46, Fa
key_f47, kf47, Fb
key_f48, kf48, Fc
key_f49, kf49, Fd
key_f5, kf5, k5
key_f50, kf50, Fe
key_f51, kf51, Ff
key_f52, kf52, Fg
key_f53, kf53, Fh
key_f54, kf54, Fi
key_f55, kf55, Fj
key_f56, kf56, Fk
key_f57, kf57, Fl
key_f58,
kf58, Fm
key_f59, kf59, Fn
key_f6, kf6, k6
key_f60, kf60, Fo
key_f61, kf61, Fp
key_f62, kf62, Fq
key_f63, kf63, Fr
key_f7, kf7, k7
key_f8, kf8, k8
key_f9, kf9, k9
key_find, kfnd, @0
key_help, khlp, %1
key_home, khome, kh
key_ic, kich1, kI
key_il, kil1, kA
key_left, kcub1, kl
key_ll, kll, kH
key_mark, kmrk, %2
key_message, kmsg, %3
key_move, kmov, %4
key_next, knxt, %5
key_npage, knp, kN
key_open, kopn, %6
key_options, kopt, %7
key_ppage, kpp, kP
key_previous, kprv, %8
key_print, kprt, %9
key_redo, krdo, %0
key_reference, kref, &1
key_refresh, krfr, &2
key_replace, krpl, &3
key_restart, krst, &4
key_resume, kres, &5

key_right, kcuf1, kr
key_save, ksav, &6
key_sbeg, kBEG, &9
key_scancel, kCAN, &0
key_scommand, kCMD, *1
key_scopy, kCPY, *2
key_screate, kCRT, *3
key_sdc, kDC, *4
key_sdl, kDL, *5
key_select, kslt, *6
key_send, kEND, *7
key_seol, kEOL, *8
key_sexit, kEXT, *9
key_sf, kind, kF
key_sfind, kFND, *0
key_shelp, kHLP, #1
key_shome, kHOM, #2
key_sic, kIC, #3
key_sleft, kLFT, #4
key_smessage,
kMSG, %a
key_smove, kMOV, %b
key_snext, kNXT, %c
key_soptions, kOPT, %d
key_sprevious, kPRV, %e
key_sprint, kPRT, %f
key_sr, kri, kR
key_sredo, kRDO, %g
key_sreplace, kRPL, %h
key_sright, kRIT, %i
key_srsume, kRES, %j
key_ssave, kSAV, !1
key_ssuspend, kSPD, !2
key_stab, khts, kT
key_sundo, kUND, !3
key_suspend, kspd, &7
key_undo, kund, &8
key_up, kcuu1, ku
keypad_local, rmkx, ke
keypad_xmit, smkx, ks
lab_f0, lf0, l0
lab_f1, lf1, l1
lab_f10, lf10, la
lab_f2, lf2, l2
lab_f3, lf3, l3
lab_f4, lf4, l4
lab_f5, lf5, l5
lab_f6, lf6, l6

lab_f7, lf7, l7
lab_f8, lf8, l8
lab_f9, lf9, l9
label_format, fln, Lf
label_off, rmln, LF
label_on, smln, LO
meta_off, rmm, mo
meta_on, smm, mm
micro_column_address, mhpa, ZY
micro_down, mcud1, ZZ
micro_left, mcub1, Za
micro_right, mcuf1, Zb
micro_row_address, mvpa, Zc
micro_up, mcuu1, Zd
newline, nel, nw
order_of_pins, porder, Ze
orig_colors, oc, oc
orig_pair, op, op
pad_char, pad, pc
parm_dch, dch, DC
parm_delete_line, dl, DL
parm_down_cursor, cud,
DO
parm_down_micro, mcud, Zf
parm_ich, ich, IC
parm_index, indn, SF
parm_insert_line, il, AL
parm_left_cursor, cub, LE
parm_left_micro, mcub, Zg
parm_right_cursor, cuf, RI
parm_right_micro, mcuf, Zh
parm_rindex, rin, SR
parm_up_cursor, cuu, UP
parm_up_micro, mcuu, Zi
pkey_key, pfkey, pk
pkey_local, pfloc, pl
pkey_xmit, pfx, px
plab_norm, pln, pn
print_screen, mc0, ps
prtr_non, mc5p, pO
prtr_off, mc4, pf
prtr_on, mc5, po
pulse, pulse, PU
quick_dial, qdial, QD
remove_clock, rmclk, RC
repeat_char, rep, rp
req_for_input, rfi, RF
reset_1string, rs1, r1

reset_2string, rs2, r2
reset_3string, rs3, r3
reset_file, rf, rf
restore_cursor, rc, rc
row_address, vpa, cv
save_cursor, sc, sc
scroll_forward, ind, sf
scroll_reverse, ri, sr
select_char_set, scs, Zj
set_attributes, sgr, sa
set_background, setb, Sb
set_bottom_margin, smgb, Zk
set_bottom_margin_parm, smgbp, Zl
set_clock, sclk, SC
set_color_pair, scp, sp
set_foreground, setf, Sf
set_left_margin, smgl, ML
set_left_margin_parm, smglp, Zm
set_right_margin,
smgr, MR
set_right_margin_parm, smgrp, Zn
set_tab, hts, st
set_top_margin, smgt, Zo
set_top_margin_parm, smgtp, Zp
set_window, wind, wi
start_bit_image, sbim, Zq
start_char_set_def, scsd, Zr
stop_bit_image, rbim, Zs
stop_char_set_def, rcsd, Zt
subscript_characters, subcs, Zu
superscript_characters, supcs, Zv
tab, ht, ta
these_cause_cr, docr, Zw
to_status_line, tsl, ts
tone, tone, TO
underline_char, uc, uc
up_half_line, hu, hu
user0, u0, u0
user1, u1, u1
user2, u2, u2
user3, u3, u3
user4, u4, u4
user5, u5, u5
user6, u6, u6
user7, u7, u7
user8, u8, u8
user9, u9, u9
wait_tone, wait, WA

xoff_character, xoffc, XF
xon_character, xonc, XN
zero_motion, zerom, Zx
alt_scancode_esc, scesa, S8
bit_image_carriage_return, bicr, Yv
bit_image_newline, binel, Zz
bit_image_repeat, birep, Xy
char_set_names, csnm, Zy
code_set_init, csin, ci
color_names, colornm, Yw
define_bit_image_region, defbi, Yx
device_type, devt, dv
display_pc_char, dispc, S1
end_bit_image_region, endbi, Yy
enter_pc_charset_mode,
 smpch, S2
enter_scancode_mode, smsc, S4
exit_pc_charset_mode, rmpch, S3
exit_scancode_mode, rmsc, S5
get_mouse, getm, Gm
key_mouse, kmous, Km
mouse_info, minfo, Mi
pc_term_options, pctrm, S6
pkey_plab, pfxl, xl
req_mouse_pos, reqmp, RQ
scancode_escape, scesc, S7
set0_des_seq, s0ds, s0
set1_des_seq, s1ds, s1
set2_des_seq, s2ds, s2
set3_des_seq, s3ds, s3
set_a_background, setab, AB
set_a_foreground, setaf, AF
set_color_band, setcolor, Yz
set_lr_margin, smglr, ML
set_page_length, slines, YZ
set_tb_margin, smgtb, MT
enter_horizontal_hl_mode, ehhlm, Xh
enter_left_hl_mode, elhlm, Xl
enter_low_hl_mode, elohlm, Xo
enter_right_hl_mode, erhlm, Xr
enter_top_hl_mode, ethlm, Xt
enter_vertical_hl_mode, evhlm, Xv
set_a_attributes, sgr1, sA
set_pglen_inch, slength, sL

Found in path(s):
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/utils/capabilities.txt

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* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/terminal/Cursor.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/terminal/impl/AbstractPosixTerminal.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/utils/WCWidth.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/utils/Signals.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/terminal/Attributes.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/utils/InputStreamReader.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/terminal/spi/Pty.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/utils/ExecHelper.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/terminal/impl/NativeSignalHandler.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/utils/DiffHelper.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/utils/AttributedCharSequence.java

* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/terminal/impl/LineDisciplineTerminal.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/utils/Log.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/utils/ClosedException.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/utils/AttributedString.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/utils/OSUtils.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/utils/ShutdownHooks.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/utils/AttributedStyle.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/terminal/TerminalBuilder.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/terminal/impl/AbstractWindowsTerminal.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/utils/Curses.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/utils/Display.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/utils/AttributedStringBuilder.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/terminal/impl/AbstractTerminal.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/utils/InfoCmp.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/utils/NonBlockingReader.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/terminal/impl/ExecPty.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/terminal/Terminal.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/terminal/Size.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/terminal/impl/package-info.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/terminal/impl/PosixSysTerminal.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/utils/Levenshtein.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/terminal/MouseEvent.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/utils/package-info.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/terminal/impl/ExternalTerminal.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/terminal/impl/CursorSupport.java
* /opt/cola/permits/1265207463_1643886562.64/0/jline-terminal-3-5-2-sources-jar/org/jline/terminal/impl/MouseSupport.java

1.1565 jline-terminal-jansi 3.5.2

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* /opt/cola/permits/1265208352_1643886636.52/0/jline-terminal-jansi-3-5-2-sources-jar/org/jline/terminal/impl/jansi/JansiSupportImpl.java
* /opt/cola/permits/1265208352_1643886636.52/0/jline-terminal-jansi-3-5-2-sources-jar/org/jline/terminal/impl/jansi/JansiNativePty.java
* /opt/cola/permits/1265208352_1643886636.52/0/jline-terminal-jansi-3-5-2-sources-jar/org/jline/terminal/impl/jansi/win/JansiWinSysTerminal.java
* /opt/cola/permits/1265208352_1643886636.52/0/jline-terminal-jansi-3-5-2-sources-jar/org/jline/terminal/impl/jansi/linux/LinuxNativePty.java
* /opt/cola/permits/1265208352_1643886636.52/0/jline-terminal-jansi-3-5-2-sources-jar/org/jline/terminal/impl/jansi/win/JansiWinConsoleWriter.java
* /opt/cola/permits/1265208352_1643886636.52/0/jline-terminal-jansi-3-5-2-sources-jar/org/jline/terminal/impl/jansi/solaris/SolarisNativePty.java
* /opt/cola/permits/1265208352_1643886636.52/0/jline-terminal-jansi-3-5-2-sources-jar/org/jline/terminal/impl/jansi/freebsd/FreeBsdNativePty.java
* /opt/cola/permits/1265208352_1643886636.52/0/jline-terminal-jansi-3-5-2-sources-jar/org/jline/terminal/impl/jansi/osx/OsXNativePty.java
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1.1566 jline-remote-telnet 3.5.2

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* /opt/cola/permits/1265208054_1643886648.54/0/jline-remote-telnet-3-5-2-sources-jar/org/jline/builtins/telnet/ConnectionFilter.java
* /opt/cola/permits/1265208054_1643886648.54/0/jline-remote-telnet-3-5-2-sources-jar/org/jline/builtins/telnet/ConnectionEvent.java
* /opt/cola/permits/1265208054_1643886648.54/0/jline-remote-telnet-3-5-2-sources-jar/org/jline/builtins/telnet/ConnectionManager.java
* /opt/cola/permits/1265208054_1643886648.54/0/jline-remote-telnet-3-5-2-sources-jar/org/jline/builtins/telnet/PortListener.java
* /opt/cola/permits/1265208054_1643886648.54/0/jline-remote-telnet-3-5-2-sources-jar/org/jline/builtins/telnet/ConnectionData.java
* /opt/cola/permits/1265208054_1643886648.54/0/jline-remote-telnet-3-5-2-sources-jar/org/jline/builtins/telnet/ConnectionListener.java
* /opt/cola/permits/1265208054_1643886648.54/0/jline-remote-telnet-3-5-2-sources-jar/org/jline/builtins/telnet/Connection.java
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1.1567 jline-builtins 3.5.2

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* /opt/cola/permits/1265208168_1643886469.64/0/jline-builtins-3-5-2-sources-jar/org/jline/builtins/Nano.java
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* /opt/cola/permits/1265208168_1643886469.64/0/jline-builtins-3-5-2-sources-jar/org/jline/builtins/Commands.java
* /opt/cola/permits/1265208168_1643886469.64/0/jline-builtins-3-5-2-sources-jar/org/jline/builtins/Source.java
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1.1568 jline-terminal-jna 3.5.2

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* /opt/cola/permits/1265208253_1643886645.25/0/jline-terminal-jna-3-5-2-sources-jar/org/jline/terminal/impl/jna/linux/LinuxNativePty.java
* /opt/cola/permits/1265208253_1643886645.25/0/jline-terminal-jna-3-5-2-sources-jar/org/jline/terminal/impl/jna/freebsd/CLibrary.java
* /opt/cola/permits/1265208253_1643886645.25/0/jline-terminal-jna-3-5-2-sources-jar/org/jline/terminal/impl/jna/freebsd/FreeBsdNativePty.java
* /opt/cola/permits/1265208253_1643886645.25/0/jline-terminal-jna-3-5-2-sources-jar/org/jline/terminal/impl/jna/solaris/CLibrary.java
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 /opt/cola/permits/1265208253_1643886645.25/0/jline-terminal-jna-3-5-2-sources-jar/org/jline/terminal/impl/jna/osx/CLibrary.java
* /opt/cola/permits/1265208253_1643886645.25/0/jline-terminal-jna-3-5-2-sources-jar/org/jline/terminal/impl/jna/linux/CLibrary.java
* /opt/cola/permits/1265208253_1643886645.25/0/jline-terminal-jna-3-5-2-sources-jar/org/jline/terminal/impl/jna/win/Kernel32.java
* /opt/cola/permits/1265208253_1643886645.25/0/jline-terminal-jna-3-5-2-sources-jar/org/jline/terminal/impl/jna/win/JnaWinSysTerminal.java
* /opt/cola/permits/1265208253_1643886645.25/0/jline-terminal-jna-3-5-2-sources-jar/org/jline/terminal/impl/jna/osx/OsXNativePty.java
* /opt/cola/permits/1265208253_1643886645.25/0/jline-terminal-jna-3-5-2-sources-jar/org/jline/terminal/impl/jna/solaris/SolarisNativePty.java
* /opt/cola/permits/1265208253_1643886645.25/0/jline-terminal-jna-3-5-2-sources-jar/org/jline/terminal/impl/jna/JnaNativePty.java
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1.1569 netty-handler-proxy 4.1.32.Final

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* /opt/cola/permits/1265535352_1643908971.76/0/netty-handler-proxy-4-1-32-final-sources-jar/io/netty/handler/proxy/ProxyConnectException.java
* /opt/cola/permits/1265535352_1643908971.76/0/netty-handler-proxy-4-1-32-final-sources-jar/io/netty/handler/proxy/ProxyHandler.java
* /opt/cola/permits/1265535352_1643908971.76/0/netty-handler-proxy-4-1-32-final-sources-jar/io/netty/handler/proxy/HttpProxyHandler.java
* /opt/cola/permits/1265535352_1643908971.76/0/netty-handler-proxy-4-1-32-final-sources-jar/io/netty/handler/proxy/package-info.java
* /opt/cola/permits/1265535352_1643908971.76/0/netty-handler-proxy-4-1-32-final-sources-jar/io/netty/handler/proxy/ProxyConnectionEvent.java
* /opt/cola/permits/1265535352_1643908971.76/0/netty-handler-proxy-4-1-32-final-sources-jar/io/netty/handler/proxy/Socks5ProxyHandler.java
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1.1570 evanphx-json-patch 4.12.0+incompatible

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1.1571 owner 1.0.9

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* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/event/package-info.java
* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/loaders/Loader.java
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* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/package-info.java
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* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/LoadersManager.java
* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/PropertiesInvocationHandler.java
* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/ConfigFactory.java
* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/event/Event.java
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* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/DefaultFactory.java
* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/event/UnmodifiableProperties.java
* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/PreprocessorResolver.java
* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-

jar/org/aeonbits/owner/event/RollbackException.java
* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/Tokenizer.java
* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/TokenizerResolver.java
* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/Preprocessor.java
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* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/event/ReloadEvent.java
* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/Util.java
* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/ConfigURIFactory.java
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* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/PropertiesManager.java
* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/DelegateMethodHandle.java
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* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/Converter.java
* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/event/TransactionalPropertyChangeListener.java
* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/ConfigCache.java
* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/util/package-info.java
* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/Reloadable.java
* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/util/Reflection.java
* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/PropertiesMapper.java
* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/event/RollbackOperationException.java
* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/HotReloadLogic.java
* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/event/TransactionalReloadListener.java
* /opt/cola/permits/1271008219_1644868693.08/0/owner-1-0-9-sources-jar/org/aeonbits/owner/StrSubstitutor.java

1.1572 netty-resolver-dns 4.1.32.Final

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* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/DnsServerAddresses.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/DnsQueryContext.java
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* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/DnsAddressResolverGroup.java
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* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/RoundRobinDnsAddressResolverGroup.java
*
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* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/InflightNameResolver.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/DefaultDnsCache.java
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* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/NoopDnsCnameCache.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/DnsCnameCache.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/AuthoritativeDnsServerCacheAdapter.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/DnsAddressResolveContext.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/DefaultAuthoritativeDnsServerCache.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/DnsRecordResolveContext.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/NoopAuthoritativeDnsServerCache.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/NameServerComparator.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/Cache.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/DefaultDnsCnameCache.java
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* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/DnsQueryContextManager.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/RotationalDnsServerAddresses.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/SequentialDnsServerAddressStream.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/DnsServerAddressStream.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/DnsNameResolverException.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/ShuffledDnsServerAddressStream.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/DefaultDnsServerAddresses.java
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* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/BiDnsQueryLifecycleObserver.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/DefaultDnsServerAddressStreamProvider.java

* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/DnsServerAddressStreamProviders.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/BiDnsQueryLifecycleObserverFactory.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/UniSequentialDnsServerAddressStreamProvider.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/DnsQueryLifecycleObserver.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/MultiDnsServerAddressStreamProvider.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/DnsNameResolverTimeoutException.java
*
/opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/DnsServerAddressStreamProvider.java
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* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/DnsCacheEntry.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/TraceDnsQueryLifeCycleObserverFactory.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/SequentialDnsServerAddressStreamProvider.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/SingletonDnsServerAddressStreamProvider.java
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/opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/NoopDnsQueryLifecycleObserver.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/NoopDnsQueryLifecycleObserverFactory.java
* /opt/cola/permits/1271008377_1644868655.02/0/netty-resolver-dns-4-1-32-final-sources-jar/io/netty/resolver/dns/DnsQueryLifecycleObserverFactory.java

1.1573 heimdal 7.5.0+dfsg-1

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AES in libhcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
@author Paulo Barreto <paulo.barreto@terra.com.br>

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D3DES (V5.09) -

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lib/hcrypto/test_dh.c

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* /opt/cola/permits/1280736546_1646256468.29/0/plexus-container-default-1-0-alpha-9-sources-jar/org/codehaus/plexus/component/repository/io/PlexusTools.java
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* /opt/cola/permits/1280736546_1646256468.29/0/plexus-container-default-1-0-alpha-9-sources-jar/org/codehaus/plexus/configuration/processor/DirectoryConfigurationResourceHandler.java
* /opt/cola/permits/1280736546_1646256468.29/0/plexus-container-default-1-0-alpha-9-sources-jar/org/codehaus/plexus/configuration/PlexusConfigurationMerger.java
* /opt/cola/permits/1280736546_1646256468.29/0/plexus-container-default-1-0-alpha-9-sources-jar/org/codehaus/plexus/component/configurator/converters/basic/Converter.java
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1.1580 jul-to-slf4j 1.7.36

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1.1581 gtk 3.24.20-0ubuntu1.1

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{{#appName}}
{{{appName}}}

{{/appName}}
{{#appDescription}}
{{{appDescription}}}

{{/appDescription}}
{{#version}}The version of the OpenAPI document: {{version}}{{/version}}
{{#infoEmail}}Contact: {{{infoEmail}}}{{/infoEmail}}
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1.1586 libdrm 2.4.107-8ubuntu1~20.04.2

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1.1587 mesa 21.2.6-0ubuntu0.1~20.04.2

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libfreedreno_layout = static_library(
 'freedreno_layout',
 [
   'fd5_layout.c',
   'fd6_layout.c',
   'freedreno_layout.c',
 ],
 include_directories : [inc_freedreno, inc_include, inc_src, inc_mapi, inc_mesa, inc_gallium, inc_gallium_aux],
 c_args : [no_override_init_args],
 gnu_symbol_visibility : 'hidden',
 dependencies : [idep_nir_headers, idep_mesautil],
 build_by_default : false,
)

foreach major : ['5', '6']
 test(
   'fd' + major + '_layout',
   executable(
     'fd' + major + '_layout',
     [
       'fd_layout_test.c',
       'fd' + major + '_layout_test.c',
       freedreno_xml_header_files,
     ],
     link_with: libfreedreno_layout,
     dependencies : idep_mesautil,
     include_directories: [
       inc_include,
       inc_src,
       inc_mapi,
       inc_mesa,
       inc_gallium,
       inc_gallium_aux,
       inc_freedreno],
   ),
   suite : ['freedreno'],
  )
endforeach
```

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1.1588 bouncycastle-fips 1.0.2.3

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1.1589 metrics 4.1.12.1

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1.1591 tar 1.30+dfsg-7ubuntu0.20.04.2

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1.1592 llvm-toolchain-12 12.0.0-3ubuntu1~20.04.5

1.1592.1 Available under license :

```
; NOTE: Assertions have been autogenerated by utils/update_llc_test_checks.py
; RUN: llc < %s -mtriple=aarch64-- | FileCheck %s

; A shuffle mask with all undef elements is always legal.

define <4 x i32> @PR41535(<2 x i32> %p1, <2 x i32> %p2) {
; CHECK-LABEL: PR41535:
```

```
; CHECK:       // %bb.0:
; CHECK-NEXT:    ext v0.8b, v0.8b, v1.8b, #4
; CHECK-NEXT:    mov v0.d[1], v0.d[0]
; CHECK-NEXT:    ret
 %cat1 = shufflevector <2 x i32> %p1, <2 x i32> undef, <4 x i32> <i32 undef, i32 1, i32 undef, i32 undef>
 %cat2 = shufflevector <2 x i32> %p2, <2 x i32> undef, <4 x i32> <i32 0, i32 undef, i32 undef, i32 undef>
 %r = shufflevector <4 x i32> %cat1, <4 x i32> %cat2, <4 x i32> <i32 undef, i32 undef, i32 1, i32 4>
 ret <4 x i32> %r
}
; RUN: llc < %s -mtriple=s390x-linux-gnu -mcpu=zEC12 -verify-machineinstrs | FileCheck %s
;
; Test that early if conversion produces LOCR with operands of the right
; register classes.

define void @autogen_SD4739(i8*) {
; CHECK-NOT: Expected a GR32Bit register, but got a GRX32Bit register
BB:
 %L34 = load i8, i8* %0
 %Cmp56 = icmp sgt i8 undef, %L34
 br label %CF246

CF246:                                            ; preds = %CF246, %BB
 %Sl163 = select i1 %Cmp56, i8 %L34, i8 undef
 br i1 undef, label %CF246, label %CF248

CF248:                                            ; preds = %CF248, %CF246
 store i8 %Sl163, i8* %0
 br label %CF248
}
```

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#
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; RUN: opt -mtriple=aarch64-linux-gnu -mattr=+sve -scalarize-masked-mem-intrin -S < %s 2>%t | FileCheck %s
; RUN: FileCheck --check-prefix=WARN --allow-empty %s <%t

; If this check fails please read test/CodeGen/AArch64/README for instructions on how to resolve it.
; WARN-NOT: warning

; Testing that masked scatters operating on scalable vectors that are
; packed in SVE registers are not scalarized.

; CHECK-LABEL: @masked_scatter_nxv4i32(
; CHECK: call void @llvm.masked.scatter.nxv4i32
define void @masked_scatter_nxv4i32(<vscale x 4 x i32> %data, <vscale x 4 x i32*> %ptrs, <vscale x 4 x i1> %masks) {
 call void @llvm.masked.scatter.nxv4i32(<vscale x 4 x i32> %data, <vscale x 4 x i32*> %ptrs, i32 0, <vscale x 4 x i1> %masks)
 ret void
}

; Testing that masked scatters operating on scalable vectors of FP
; data that is packed in SVE registers are not scalarized.

; CHECK-LABEL: @masked_scatter_nxv2f64(
; CHECK: call void @llvm.masked.scatter.nxv2f64
define void @masked_scatter_nxv2f64(<vscale
 x 2 x double> %data, <vscale x 2 x double*> %ptrs, <vscale x 2 x i1> %masks) {
 call void @llvm.masked.scatter.nxv2f64(<vscale x 2 x double> %data, <vscale x 2 x double*> %ptrs, i32 0, <vscale x 2 x i1> %masks)

```
 ret void
}

; Testing that masked scatters operating on scalable vectors of FP
; data that is unpacked in SVE registers are not scalarized.

; CHECK-LABEL: @masked_scatter_nxv2f16(
; CHECK: call void @llvm.masked.scatter.nxv2f16
define void @masked_scatter_nxv2f16(<vscale x 2 x half> %data, <vscale x 2 x half*> %ptrs, <vscale x 2 x i1>
%masks) {
 call void @llvm.masked.scatter.nxv2f16(<vscale x 2 x half> %data, <vscale x 2 x half*> %ptrs, i32 0, <vscale x 2
x i1> %masks)
 ret void
}

; Testing that masked scatters operating on 64-bit fixed vectors are
; scalarized because NEON doesn't have support for masked scatter
; instructions.

; CHECK-LABEL: @masked_scatter_v2f32(
; CHECK-NOT: @llvm.masked.scatter.v2f32(
define void @masked_scatter_v2f32(<2 x float> %data, <2
 x float*> %ptrs, <2 x i1> %masks) {
 call void @llvm.masked.scatter.v2f32(<2 x float> %data, <2 x float*> %ptrs, i32 0, <2 x i1> %masks)
 ret void
}

; Testing that masked scatters operating on 128-bit fixed vectors are
; scalarized because NEON doesn't have support for masked scatter
; instructions and because we are not targeting fixed width SVE.

; CHECK-LABEL: @masked_scatter_v4i32(
; CHECK-NOT: @llvm.masked.scatter.v4i32(
define void @masked_scatter_v4i32(<4 x i32> %data, <4 x i32*> %ptrs, <4 x i1> %masks) {
 call void @llvm.masked.scatter.v4i32(<4 x i32> %data, <4 x i32*> %ptrs, i32 0, <4 x i1> %masks)
 ret void
}

declare void @llvm.masked.scatter.nxv4i32(<vscale x 4 x i32> %data, <vscale x 4 x i32*> %ptrs, i32 %align,
<vscale x 4 x i1> %masks)
declare void @llvm.masked.scatter.nxv2f64(<vscale x 2 x double> %data, <vscale x 2 x double*> %ptrs, i32
%align, <vscale x 2 x i1> %masks)
declare void @llvm.masked.scatter.nxv2f16(<vscale x 2 x half> %data, <vscale x 2 x half*> %ptrs,
 i32 %align, <vscale x 2 x i1> %masks)
declare void @llvm.masked.scatter.v2f32(<2 x float> %data, <2 x float*> %ptrs, i32 %align, <2 x i1> %masks)
declare void @llvm.masked.scatter.v4i32(<4 x i32> %data, <4 x i32*> %ptrs, i32 %align, <4 x i1> %masks)
; RUN: opt -mtriple=aarch64-linux-gnu -mattr=+sve -scalarize-masked-mem-intrin -S < %s 2>%t | FileCheck %s
; RUN: FileCheck --check-prefix=WARN --allow-empty %s <%t
```

```
; If this check fails please read test/CodeGen/AArch64/README for instructions on how to resolve it.
; WARN-NOT: warning

; Testing that masked gathers operating on scalable vectors that are
; packed in SVE registers are not scalarized.

; CHECK-LABEL: @masked_gather_nxv4i32(
; CHECK: call <vscale x 4 x i32> @llvm.masked.gather.nxv4i32
define <vscale x 4 x i32> @masked_gather_nxv4i32(<vscale x 4 x i32*> %ld, <vscale x 4 x i1> %masks, <vscale x
4 x i32> %passthru) {
 %res = call <vscale x 4 x i32> @llvm.masked.gather.nxv4i32(<vscale x 4 x i32*> %ld, i32 0, <vscale x 4 x i1>
%masks, <vscale x 4 x i32> %passthru)
 ret <vscale x 4 x i32> %res
}

; Testing that masked gathers operating on scalable vectors of FP data
; that is packed in SVE registers are not scalarized.

; CHECK-LABEL: @masked_gather_nxv2f64(
; CHECK: call <vscale
 x 2 x double> @llvm.masked.gather.nxv2f64
define <vscale x 2 x double> @masked_gather_nxv2f64(<vscale x 2 x double*> %ld, <vscale x 2 x i1> %masks,
<vscale x 2 x double> %passthru) {
 %res = call <vscale x 2 x double> @llvm.masked.gather.nxv2f64(<vscale x 2 x double*> %ld, i32 0, <vscale x 2 x
i1> %masks, <vscale x 2 x double> %passthru)
 ret <vscale x 2 x double> %res
}

; Testing that masked gathers operating on scalable vectors of FP data
; that is unpacked in SVE registers are not scalarized.

; CHECK-LABEL: @masked_gather_nxv2f16(
; CHECK: call <vscale x 2 x half> @llvm.masked.gather.nxv2f16
define <vscale x 2 x half> @masked_gather_nxv2f16(<vscale x 2 x half*> %ld, <vscale x 2 x i1> %masks, <vscale
x 2 x half> %passthru) {
 %res = call <vscale x 2 x half> @llvm.masked.gather.nxv2f16(<vscale x 2 x half*> %ld, i32 0, <vscale x 2 x i1>
%masks, <vscale x 2 x half> %passthru)
 ret <vscale x 2 x half> %res
}

; Testing that masked gathers operating on 64-bit fixed vectors are
;
 scalarized because NEON doesn't have support for masked gather
; instructions.

; CHECK-LABEL: @masked_gather_v2f32(
; CHECK-NOT: @llvm.masked.gather.v2f32(
```

```
define <2 x float> @masked_gather_v2f32(<2 x float*> %ld, <2 x i1> %masks, <2 x float> %passthru) {
 %res = call <2 x float> @llvm.masked.gather.v2f32(<2 x float*> %ld, i32 0, <2 x i1> %masks, <2 x float>
%passthru)
 ret <2 x float> %res
}

; Testing that masked gathers operating on 128-bit fixed vectors are
; scalarized because NEON doesn't have support for masked gather
; instructions and because we are not targeting fixed width SVE.

; CHECK-LABEL: @masked_gather_v4i32(
; CHECK-NOT: @llvm.masked.gather.v4i32(
define <4 x i32> @masked_gather_v4i32(<4 x i32*> %ld, <4 x i1> %masks, <4 x i32> %passthru) {
 %res = call <4 x i32> @llvm.masked.gather.v4i32(<4 x i32*> %ld, i32 0, <4 x i1> %masks, <4 x i32> %passthru)
 ret <4 x i32> %res
}

declare <vscale x 4 x i32> @llvm.masked.gather.nxv4i32(<vscale x 4 x i32*> %ptrs, i32 %align,
 <vscale x 4 x i1> %masks, <vscale x 4 x i32> %passthru)
declare <vscale x 2 x double> @llvm.masked.gather.nxv2f64(<vscale x 2 x double*> %ptrs, i32 %align, <vscale x
2 x i1> %masks, <vscale x 2 x double> %passthru)
declare <vscale x 2 x half> @llvm.masked.gather.nxv2f16(<vscale x 2 x half*> %ptrs, i32 %align, <vscale x 2 x
i1> %masks, <vscale x 2 x half> %passthru)
declare <2 x float> @llvm.masked.gather.v2f32(<2 x float*> %ptrs, i32 %align, <2 x i1> %masks, <2 x float>
%passthru)
declare <4 x i32> @llvm.masked.gather.v4i32(<4 x i32*> %ptrs, i32 %align, <4 x i1> %masks, <4 x i32>
%passthru)
```

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; NOTE: Assertions have been autogenerated by utils/update_test_checks.py
; RUN: opt -S -verify -iroutliner -ir-outlining-no-cost < %s | FileCheck %s

; This test looks ahecks that debug info is extracted along with the other
; instructions.

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; CHECK-LABEL: @function1(
; CHECK-NEXT:  entry:
; CHECK-NEXT:    [[A:%.*]] = alloca i32, align 4, [[DBG17:!dbg !.*]]
; CHECK-NEXT:    call void @llvm.dbg.value(metadata i32* [[A]], [[META9:metadata !.*]], metadata
!DIExpression()), [[DBG17]]
; CHECK-NEXT:    [[B:%.*]] = alloca i32, align 4, [[DBG18:!dbg !.*]]
; CHECK-NEXT:    call void @llvm.dbg.value(metadata i32* [[B]], [[META11:metadata !.*]], metadata
!DIExpression()), [[DBG18]]
; CHECK-NEXT:    [[C:%.*]] = alloca i32, align 4, [[DBG19:!dbg !.*]]
; CHECK-NEXT:    call void @llvm.dbg.value(metadata i32* [[C]], [[META12:metadata !.*]], metadata
!DIExpression()), [[DBG19]]
; CHECK-NEXT:    call void @outlined_ir_func_0(i32* [[A]], i32* [[B]], i32* [[C]]), [[DBG20:!dbg
 !.*]]
; CHECK-NEXT:    ret void, [[DBG21:!dbg !.*]]
;
entry:
 %a = alloca i32, align 4, !dbg !17
 call void @llvm.dbg.value(metadata i32* %a, metadata !9, metadata !DIExpression()), !dbg !17
 %b = alloca i32, align 4, !dbg !18
 call void @llvm.dbg.value(metadata i32* %b, metadata !11, metadata !DIExpression()), !dbg !18
 %c = alloca i32, align 4, !dbg !19
 call void @llvm.dbg.value(metadata i32* %c, metadata !12, metadata !DIExpression()), !dbg !19
 store i32 2, i32* %a, align 4, !dbg !20
 store i32 3, i32* %b, align 4, !dbg !21
 store i32 4, i32* %c, align 4, !dbg !22
 %al = load i32, i32* %a, align 4, !dbg !23
 call void @llvm.dbg.value(metadata i32 %al, metadata !13, metadata !DIExpression()), !dbg !23
 %bl = load i32, i32* %b, align 4, !dbg !24
 call void @llvm.dbg.value(metadata i32 %bl, metadata !15, metadata !DIExpression()), !dbg !24
 %cl = load i32, i32* %c, align 4, !dbg !25
 call void @llvm.dbg.value(metadata i32 %cl, metadata !16, metadata !DIExpression()),
```

```
 !dbg !25
 ret void, !dbg !26
}

define void @function2() !dbg !27 {
; CHECK-LABEL: @function2(
; CHECK-NEXT:  entry:
; CHECK-NEXT:    [[A:%.*]] = alloca i32, align 4, [[DBG30:!dbg !.*]]
; CHECK-NEXT:    call void @llvm.dbg.value(metadata i32* [[A]], [[META24:metadata !.*]], metadata
!DIExpression()), [[DBG30]]
; CHECK-NEXT:    [[B:%.*]] = alloca i32, align 4, [[DBG31:!dbg !.*]]
; CHECK-NEXT:    call void @llvm.dbg.value(metadata i32* [[B]], [[META25:metadata !.*]], metadata
!DIExpression()), [[DBG31]]
; CHECK-NEXT:    [[C:%.*]] = alloca i32, align 4, [[DBG32:!dbg !.*]]
; CHECK-NEXT:    call void @llvm.dbg.value(metadata i32* [[C]], [[META26:metadata !.*]], metadata
!DIExpression()), [[DBG32]]
; CHECK-NEXT:    call void @outlined_ir_func_0(i32* [[A]], i32* [[B]], i32* [[C]]), [[DBG33:!dbg !.*]]
; CHECK-NEXT:    ret void, [[DBG34:!dbg !.*]]
;
entry:
 %a = alloca i32, align 4, !dbg !35
 call void @llvm.dbg.value(metadata i32* %a, metadata !29, metadata !DIExpression()), !dbg !35
  %b = alloca i32, align 4, !dbg !36
 call void @llvm.dbg.value(metadata i32* %b, metadata !30, metadata !DIExpression()), !dbg !36
 %c = alloca i32, align 4, !dbg !37
 call void @llvm.dbg.value(metadata i32* %c, metadata !31, metadata !DIExpression()), !dbg !37
 store i32 2, i32* %a, align 4, !dbg !38
 store i32 3, i32* %b, align 4, !dbg !39
 store i32 4, i32* %c, align 4, !dbg !40
 %al = load i32, i32* %a, align 4, !dbg !41
 call void @llvm.dbg.value(metadata i32 %al, metadata !32, metadata !DIExpression()), !dbg !41
 %bl = load i32, i32* %b, align 4, !dbg !42
 call void @llvm.dbg.value(metadata i32 %bl, metadata !33, metadata !DIExpression()), !dbg !42
 %cl = load i32, i32* %c, align 4, !dbg !43
 call void @llvm.dbg.value(metadata i32 %cl, metadata !34, metadata !DIExpression()), !dbg !43
 ret void, !dbg !44
}

; Function Attrs: nounwind readnone speculatable willreturn
declare void @llvm.dbg.value(metadata, metadata, metadata) #0

attributes #0 = { nounwind readnone speculatable
 willreturn }

!llvm.dbg.cu = !{!0}
!llvm.debugify = !{!3, !4}
!llvm.module.flags = !{!5}
```

```
!0 = distinct !DICompileUnit(language: DW_LANG_C, file: !1, producer: "debugify", isOptimized: true,
runtimeVersion: 0, emissionKind: FullDebug, enums: !2)
!1 = !DIFile(filename: "legal-debug.ll", directory: "/")
!2 = !{}
!3 = !{i32 20}
!4 = !{i32 12}
!5 = !{i32 2, !"Debug Info Version", i32 3}
!6 = distinct !DISubprogram(name: "function1", linkageName: "function1", scope: null, file: !1, line: 1, type: !7,
scopeLine: 1, spFlags: DISPFlagDefinition | DISPFlagOptimized, unit: !0, retainedNodes: !8)
!7 = !DISubroutineType(types: !2)
!8 = !{!9, !11, !12, !13, !15, !16}
!9 = !DILocalVariable(name: "1", scope: !6, file: !1, line: 1, type: !10)
!10 = !DIBasicType(name: "ty64", size: 64, encoding: DW_ATE_unsigned)
!11 = !DILocalVariable(name: "2", scope: !6, file: !1, line: 2, type: !10)
!12 = !DILocalVariable(name: "3", scope: !6, file: !1, line: 3, type: !10)
!13 = !DILocalVariable(name: "4",
 scope: !6, file: !1, line: 7, type: !14)
!14 = !DIBasicType(name: "ty32", size: 32, encoding: DW_ATE_unsigned)
!15 = !DILocalVariable(name: "5", scope: !6, file: !1, line: 8, type: !14)
!16 = !DILocalVariable(name: "6", scope: !6, file: !1, line: 9, type: !14)
!17 = !DILocation(line: 1, column: 1, scope: !6)
!18 = !DILocation(line: 2, column: 1, scope: !6)
!19 = !DILocation(line: 3, column: 1, scope: !6)
!20 = !DILocation(line: 4, column: 1, scope: !6)
!21 = !DILocation(line: 5, column: 1, scope: !6)
!22 = !DILocation(line: 6, column: 1, scope: !6)
!23 = !DILocation(line: 7, column: 1, scope: !6)
!24 = !DILocation(line: 8, column: 1, scope: !6)
!25 = !DILocation(line: 9, column: 1, scope: !6)
!26 = !DILocation(line: 10, column: 1, scope: !6)
!27 = distinct !DISubprogram(name: "function2", linkageName: "function2", scope: null, file: !1, line: 11, type: !7,
scopeLine: 11, spFlags: DISPFlagDefinition | DISPFlagOptimized, unit: !0, retainedNodes: !28)
!28 = !{!29, !30, !31, !32, !33, !34}
!29
 = !DILocalVariable(name: "7", scope: !27, file: !1, line: 11, type: !10)
!30 = !DILocalVariable(name: "8", scope: !27, file: !1, line: 12, type: !10)
!31 = !DILocalVariable(name: "9", scope: !27, file: !1, line: 13, type: !10)
!32 = !DILocalVariable(name: "10", scope: !27, file: !1, line: 17, type: !14)
!33 = !DILocalVariable(name: "11", scope: !27, file: !1, line: 18, type: !14)
!34 = !DILocalVariable(name: "12", scope: !27, file: !1, line: 19, type: !14)
!35 = !DILocation(line: 11, column: 1, scope: !27)
!36 = !DILocation(line: 12, column: 1, scope: !27)
!37 = !DILocation(line: 13, column: 1, scope: !27)
!38 = !DILocation(line: 14, column: 1, scope: !27)
!39 = !DILocation(line: 15, column: 1, scope: !27)
!40 = !DILocation(line: 16, column: 1, scope: !27)
!41 = !DILocation(line: 17, column: 1, scope: !27)
!42 = !DILocation(line: 18, column: 1, scope: !27)
```

```
!43 = !DILocation(line: 19, column: 1, scope: !27)
!44 = !DILocation(line: 20, column: 1, scope: !27)
; NOTE: Assertions have been autogenerated by utils/update_llc_test_checks.py
; RUN: llc < %s -mtriple=x86_64-linux-android -mattr=+mmx -enable-legalize-types-checking | FileCheck %s
;
; D31946
; Check that we dont end up with the ""LLVM ERROR: Cannot select" error.
; Additionally ensure that the output code actually put fp128 values in SSE registers.

declare fp128 @llvm.fabs.f128(fp128)
declare fp128 @llvm.copysign.f128(fp128, fp128)

define fp128 @TestSelect(fp128 %a, fp128 %b) {
; CHECK-LABEL: TestSelect:
; CHECK:       # %bb.0:
; CHECK-NEXT:    pushq %rbx
; CHECK-NEXT:    .cfi_def_cfa_offset 16
; CHECK-NEXT:    subq $32, %rsp
; CHECK-NEXT:    .cfi_def_cfa_offset 48
; CHECK-NEXT:    .cfi_offset %rbx, -16
; CHECK-NEXT:    movaps %xmm1, {{[-0-9]+}}(%r{{[sb]}}p) # 16-byte Spill
; CHECK-NEXT:    movaps %xmm0, (%rsp) # 16-byte Spill
; CHECK-NEXT:    callq __gttf2
; CHECK-NEXT:    movl %eax, %ebx
; CHECK-NEXT:    movaps (%rsp), %xmm0 # 16-byte Reload
; CHECK-NEXT:    movaps {{[-0-9]+}}(%r{{[sb]}}p),
 %xmm1 # 16-byte Reload
; CHECK-NEXT:    callq __subtf3
; CHECK-NEXT:    testl %ebx, %ebx
; CHECK-NEXT:    jg .LBB0_2
; CHECK-NEXT:  # %bb.1:
; CHECK-NEXT:    xorps %xmm0, %xmm0
; CHECK-NEXT:  .LBB0_2:
; CHECK-NEXT:    addq $32, %rsp
; CHECK-NEXT:    .cfi_def_cfa_offset 16
; CHECK-NEXT:    popq %rbx
; CHECK-NEXT:    .cfi_def_cfa_offset 8
; CHECK-NEXT:    retq
 %cmp = fcmp ogt fp128 %a, %b
 %sub = fsub fp128 %a, %b
 %res = select i1 %cmp, fp128 %sub, fp128 0xL00000000000000000000000000000000
 ret fp128 %res
}

define fp128 @TestFabs(fp128 %a) {
; CHECK-LABEL: TestFabs:
; CHECK:       # %bb.0:
; CHECK-NEXT:    andps {{.*}}(%rip), %xmm0
```

```
; CHECK-NEXT:    retq
 %res = call fp128 @llvm.fabs.f128(fp128 %a)
 ret fp128 %res
}

define fp128 @TestCopysign(fp128 %a, fp128 %b) {
; CHECK-LABEL: TestCopysign:
; CHECK:       # %bb.0:
; CHECK-NEXT:    andps {{.*}}(%rip), %xmm1
; CHECK-NEXT:    andps {{.*}}(%rip), %xmm0
; CHECK-NEXT:    orps %xmm1, %xmm0
; CHECK-NEXT:    retq
 %res = call
 fp128 @llvm.copysign.f128(fp128 %a, fp128 %b)
 ret fp128 %res
}

define fp128 @TestFneg(fp128 %a) {
; CHECK-LABEL: TestFneg:
; CHECK:       # %bb.0:
; CHECK-NEXT:    pushq %rax
; CHECK-NEXT:    .cfi_def_cfa_offset 16
; CHECK-NEXT:    movaps %xmm0, %xmm1
; CHECK-NEXT:    callq __multf3
; CHECK-NEXT:    xorps {{.*}}(%rip), %xmm0
; CHECK-NEXT:    popq %rax
; CHECK-NEXT:    .cfi_def_cfa_offset 8
; CHECK-NEXT:    retq
 %mul = fmul fp128 %a, %a
 %res = fsub fp128 0xL00000000000000008000000000000000, %mul
 ret fp128 %res
}
; RUN: opt %s -inline -S | FileCheck %s

define internal void @innerSmall() "min-legal-vector-width"="128" {
 ret void
}

define internal void @innerLarge() "min-legal-vector-width"="512" {
 ret void
}

define internal void @innerNoAttribute() {
 ret void
}

; We should not add an attribute during inlining. No attribute means unknown.
; Inlining doesn't change the fact that we don't know anything about this
```

```
; function.
define void @outerNoAttribute() {
 call void @innerLarge()
 ret void
}

define void @outerConflictingAttributeSmall() "min-legal-vector-width"="128" {
 call void @innerLarge()
 ret void
}

define void @outerConflictingAttributeLarge() "min-legal-vector-width"="512" {
 call void @innerSmall()
 ret void
}

; We should remove the attribute after inlining since the callee's
; vector width requirements are unknown.
define void @outerAttribute() "min-legal-vector-width"="128" {
 call void @innerNoAttribute()
 ret void
}

; CHECK: define void @outerNoAttribute() {
; CHECK:
 define void @outerConflictingAttributeSmall() #0
; CHECK: define void @outerConflictingAttributeLarge() #0
; CHECK: define void @outerAttribute() {
; CHECK: attributes #0 = { "min-legal-vector-width"="512" }
```

---

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```
; RUN: llc -march=hexagon < %s
; REQUIRES: asserts

; The two loads based on %struct.0, loading two different data types
; cause LSR to assume type "void" for the memory type. This would then
; cause an assert in isLegalAddressingMode. Make sure we no longer crash.

target triple = "hexagon"

%struct.0 = type { i8*, i8, %union.anon.0 }
%union.anon.0 = type { i8* }

define hidden fastcc void @fred() unnamed_addr #0 {
entry:
 br i1 undef, label %while.end, label %while.body.lr.ph

while.body.lr.ph:                                 ; preds = %entry
 br label %while.body

while.body:                                       ; preds = %exit.2, %while.body.lr.ph
 %lsr.iv = phi %struct.0* [ %cgep22, %exit.2 ], [ undef, %while.body.lr.ph ]
 switch i32 undef, label %exit [
   i32 1, label %sw.bb.i
   i32 2, label %sw.bb3.i
 ]

sw.bb.i:                                          ; preds = %while.body
 unreachable

sw.bb3.i:                                         ; preds = %while.body
 unreachable

exit:
                                                  ; preds = %while.body
 switch i32 undef, label %exit.2 [
   i32 1, label %sw.bb.i17
   i32 2, label %sw.bb3.i20
 ]

sw.bb.i17:                                        ; preds = %.exit
 %0 = bitcast %struct.0* %lsr.iv to i32*
 %1 = load i32, i32* %0, align 4
 unreachable
```

```
sw.bb3.i20:                                       ; preds = %exit
 %2 = bitcast %struct.0* %lsr.iv to i8**
 %3 = load i8*, i8** %2, align 4
 unreachable

exit.2:                                           ; preds = %exit
 %cgep22 = getelementptr %struct.0, %struct.0* %lsr.iv, i32 1
 br label %while.body

while.end:                                        ; preds = %entry
 ret void
}

attributes #0 = { nounwind optsize "target-cpu"="hexagonv55" }
; RUN: llc -mtriple=aarch64-apple-ios %s -o - | FileCheck %s

define <16 x double> @test_sitofp_fixed(<16 x i32> %in) {
; CHECK-LABEL: test_sitofp_fixed:

 ; First, extend each i32 to i64
; CHECK-DAG: sshll2.2d [[BLOCK0_HI:v[0-9]+]], v0, #0
; CHECK-DAG: sshll2.2d [[BLOCK1_HI:v[0-9]+]], v1, #0
; CHECK-DAG: sshll2.2d [[BLOCK2_HI:v[0-9]+]], v2, #0
; CHECK-DAG: sshll2.2d [[BLOCK3_HI:v[0-9]+]], v3, #0
; CHECK-DAG: sshll.2d [[BLOCK0_LO:v[0-9]+]], v0, #0
; CHECK-DAG: sshll.2d [[BLOCK1_LO:v[0-9]+]], v1, #0
; CHECK-DAG: sshll.2d [[BLOCK2_LO:v[0-9]+]], v2, #0
; CHECK-DAG: sshll.2d [[BLOCK3_LO:v[0-9]+]], v3, #0

 ; Next, convert each to double.
; CHECK-DAG: scvtf.2d v0, [[BLOCK0_LO]]
; CHECK-DAG: scvtf.2d v1, [[BLOCK0_HI]]
; CHECK-DAG: scvtf.2d v2, [[BLOCK1_LO]]
; CHECK-DAG: scvtf.2d v3, [[BLOCK1_HI]]
; CHECK-DAG: scvtf.2d v4, [[BLOCK2_LO]]
; CHECK-DAG: scvtf.2d v5, [[BLOCK2_HI]]
; CHECK-DAG: scvtf.2d v6, [[BLOCK3_LO]]
; CHECK-DAG: scvtf.2d v7, [[BLOCK3_HI]]

; CHECK: ret
 %flt = sitofp <16 x i32>
 %in to <16 x double>
 %res = fdiv <16 x double> %flt, <double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0,
double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0,
double 64.0>
 ret <16 x double> %res
}
```

```
; This one is small enough to satisfy isSimple, but still illegally large.
define <4 x double> @test_sitofp_fixed_shortish(<4 x i64> %in) {
; CHECK-LABEL: test_sitofp_fixed_shortish:

; CHECK-DAG: scvtf.2d v0, v0
; CHECK-DAG: scvtf.2d v1, v1

; CHECK: ret
 %flt = sitofp <4 x i64> %in to <4 x double>
 %res = fdiv <4 x double> %flt, <double 64.0, double 64.0, double 64.0, double 64.0>
 ret <4 x double> %res
}
```

==========

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```
; RUN: opt -consthoist -S -o - %s | FileCheck %s
target datalayout = "e-m:e-p:32:32-i64:64-v128:64:128-a:0:32-n32-S64"
target triple = "thumbv6m-none--musleabi"

; Check that for i8 type, the maximum legal offset is 31.
; Also check that an constant used as value to be stored rather than
; pointer in a store instruction is hoisted.
; CHECK: foo_i8
; CHECK-DAG:  %[[C1:const[0-9]?]] = bitcast i32 805874720 to i32
; CHECK-DAG:  %[[C2:const[0-9]?]] = bitcast i32 805874688 to i32
; CHECK-DAG:  %[[C3:const[0-9]?]] = bitcast i32 805873720 to i32
```

```
; CHECK-DAG:  %[[C4:const[0-9]?]] = bitcast i32 805873688 to i32
; CHECK:  %0 = inttoptr i32 %[[C2]] to i8*
; CHECK-NEXT:  %1 = load volatile i8, i8* %0
; CHECK-NEXT:  %[[M1:const_mat[0-9]?]] = add i32 %[[C2]], 4
; CHECK-NEXT:  %2 = inttoptr i32 %[[M1]] to i8*
; CHECK-NEXT:  %3 = load volatile i8, i8* %2
; CHECK-NEXT:  %[[M2:const_mat[0-9]?]] = add i32 %[[C2]], 31
; CHECK-NEXT:  %4 = inttoptr i32 %[[M2]] to i8*
; CHECK-NEXT:  %5 = load volatile i8, i8*
 %4
; CHECK-NEXT:  %6 = inttoptr i32 %[[C1]] to i8*
; CHECK-NEXT:  %7 = load volatile i8, i8* %6
; CHECK-NEXT:  %[[M3:const_mat[0-9]?]] = add i32 %[[C1]], 7
; CHECK-NEXT:  %8 = inttoptr i32 %[[M3]] to i8*
; CHECK-NEXT:  %9 = load volatile i8, i8* %8
; CHECK-NEXT:  %10 = inttoptr i32 %[[C4]] to i8*
; CHECK-NEXT:  store i8 %9, i8* %10
; CHECK-NEXT:  %[[M4:const_mat[0-9]?]] = add i32 %[[C4]], 31
; CHECK-NEXT:  %11 = inttoptr i32 %[[M4]] to i8*
; CHECK-NEXT:  store i8 %7, i8* %11
; CHECK-NEXT:  %12 = inttoptr i32 %[[C3]] to i8*
; CHECK-NEXT:  store i8 %5, i8* %12
; CHECK-NEXT:  %[[M5:const_mat[0-9]?]] = add i32 %[[C3]], 7
; CHECK-NEXT:  %13 = inttoptr i32 %[[M5]] to i8*
; CHECK-NEXT:  store i8 %3, i8* %13
; CHECK-NEXT:  %[[M6:const_mat[0-9]?]] = add i32 %[[C1]], 80
; CHECK-NEXT:  %14 = inttoptr i32 %[[M6]] to i8*
; CHECK-NEXT:  store i8* %14, i8** @goo

@goo = global i8* undef

define void @foo_i8() {
entry:
 %0 = load volatile i8, i8* inttoptr (i32 805874688 to i8*)
 %1 = load volatile
 i8, i8* inttoptr (i32 805874692 to i8*)
 %2 = load volatile i8, i8* inttoptr (i32 805874719 to i8*)
 %3 = load volatile i8, i8* inttoptr (i32 805874720 to i8*)
 %4 = load volatile i8, i8* inttoptr (i32 805874727 to i8*)
 store i8 %4, i8* inttoptr(i32 805873688 to i8*)
 store i8 %3, i8* inttoptr(i32 805873719 to i8*)
 store i8 %2, i8* inttoptr(i32 805873720 to i8*)
 store i8 %1, i8* inttoptr(i32 805873727 to i8*)
 store i8* inttoptr(i32 805874800 to i8*), i8** @goo
 ret void
}

; Check that for i16 type, the maximum legal offset is 62.
```

```
; CHECK: foo_i16
; CHECK-DAG: %[[C1:const[0-9]?]] = bitcast i32 805874752 to i32
; CHECK-DAG: %[[C2:const[0-9]?]] = bitcast i32 805874688 to i32
; CHECK: %0 = inttoptr i32 %[[C2]] to i16*
; CHECK-NEXT: %1 = load volatile i16, i16* %0, align 2
; CHECK-NEXT: %[[M1:const_mat[0-9]?]] = add i32 %[[C2]], 4
; CHECK-NEXT: %2 = inttoptr i32 %[[M1]] to i16*
; CHECK-NEXT: %3 = load volatile i16, i16* %2, align 2
; CHECK-NEXT: %[[M2:const_mat[0-9]?]] = add i32
 %[[C2]], 32
; CHECK-NEXT: %4 = inttoptr i32 %[[M2]] to i16*
; CHECK-NEXT: %5 = load volatile i16, i16* %4, align 2
; CHECK-NEXT: %[[M3:const_mat[0-9]?]] = add i32 %[[C2]], 62
; CHECK-NEXT: %6 = inttoptr i32 %[[M3]] to i16*
; CHECK-NEXT: %7 = load volatile i16, i16* %6, align 2
; CHECK-NEXT: %8 = inttoptr i32 %[[C1]] to i16*
; CHECK-NEXT: %9 = load volatile i16, i16* %8, align 2
; CHECK-NEXT: %[[M4:const_mat[0-9]?]] = add i32 %[[C1]], 22
; CHECK-NEXT: %10 = inttoptr i32 %[[M4]] to i16*
; CHECK-NEXT: %11 = load volatile i16, i16* %10, align 2

define void @foo_i16() {
entry:
 %0 = load volatile i16, i16* inttoptr (i32 805874688 to i16*), align 2
 %1 = load volatile i16, i16* inttoptr (i32 805874692 to i16*), align 2
 %2 = load volatile i16, i16* inttoptr (i32 805874720 to i16*), align 2
 %3 = load volatile i16, i16* inttoptr (i32 805874750 to i16*), align 2
 %4 = load volatile i16, i16* inttoptr (i32 805874752 to i16*), align 2
 %5 = load volatile i16, i16* inttoptr (i32 805874774
 to i16*), align 2
 ret void
}

; Check that for i32 type, the maximum legal offset is 124.
; CHECK: foo_i32
; CHECK-DAG:  %[[C1:const[0-9]?]] = bitcast i32 805874816 to i32
; CHECK-DAG:  %[[C2:const[0-9]?]] = bitcast i32 805874688 to i32
; CHECK:  %0 = inttoptr i32 %[[C2]] to i32*
; CHECK-NEXT:  %1 = load volatile i32, i32* %0, align 4
; CHECK-NEXT:  %[[M1:const_mat[0-9]?]] = add i32 %[[C2]], 4
; CHECK-NEXT:  %2 = inttoptr i32 %[[M1]] to i32*
; CHECK-NEXT:  %3 = load volatile i32, i32* %2, align 4
; CHECK-NEXT:  %[[M2:const_mat[0-9]?]] = add i32 %[[C2]], 124
; CHECK-NEXT:  %4 = inttoptr i32 %[[M2]] to i32*
; CHECK-NEXT:  %5 = load volatile i32, i32* %4, align 4
; CHECK-NEXT:  %6 = inttoptr i32 %[[C1]] to i32*
; CHECK-NEXT:  %7 = load volatile i32, i32* %6, align 4
; CHECK-NEXT:  %[[M3:const_mat[0-9]?]] = add i32 %[[C1]], 8
```

```
; CHECK-NEXT:  %8 = inttoptr i32 %[[M3]] to i32*
; CHECK-NEXT:  %9 = load volatile i32, i32* %8, align 4
; CHECK-NEXT:  %[[M4:const_mat[0-9]?]] = add i32 %[[C1]],
 12
; CHECK-NEXT:  %10 = inttoptr i32 %[[M4]] to i32*
; CHECK-NEXT:  %11 = load volatile i32, i32* %10, align 4

define void @foo_i32() {
entry:
 %0 = load volatile i32, i32* inttoptr (i32 805874688 to i32*), align 4
 %1 = load volatile i32, i32* inttoptr (i32 805874692 to i32*), align 4
 %2 = load volatile i32, i32* inttoptr (i32 805874812 to i32*), align 4
 %3 = load volatile i32, i32* inttoptr (i32 805874816 to i32*), align 4
 %4 = load volatile i32, i32* inttoptr (i32 805874824 to i32*), align 4
 %5 = load volatile i32, i32* inttoptr (i32 805874828 to i32*), align 4
 ret void
}
```

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```
; NOTE: Assertions have been autogenerated by utils/update_test_checks.py UTC_ARGS: --function-signature --scrub-attributes
; RUN: opt -S -argpromotion < %s | FileCheck %s
; RUN: opt -S -passes=argpromotion < %s | FileCheck %s
; Test that we only promote arguments when the caller/callee have compatible
; function attrubtes.

target triple = "x86_64-unknown-linux-gnu"

; This should promote
define internal fastcc void @callee_avx512_legal512_prefer512_call_avx512_legal512_prefer512(<8 x i64>* %arg, <8 x i64>* readonly %arg1) #0 {
; CHECK-LABEL: define {{[^@]+}}@callee_avx512_legal512_prefer512_call_avx512_legal512_prefer512
; CHECK-SAME: (<8 x i64>* [[ARG:%.*]], <8 x i64> [[ARG1_VAL:%.*]])
```

```
; CHECK-NEXT:  bb:
; CHECK-NEXT:    store <8 x i64> [[ARG1_VAL]], <8 x i64>* [[ARG]]
; CHECK-NEXT:    ret void
;
bb:
 %tmp = load <8 x i64>, <8 x i64>* %arg1
 store <8 x i64> %tmp, <8 x i64>* %arg
 ret void
}

define void @avx512_legal512_prefer512_call_avx512_legal512_prefer512(<8 x i64>* %arg) #0
 {
; CHECK-LABEL: define {{[^@]+}}@avx512_legal512_prefer512_call_avx512_legal512_prefer512
; CHECK-SAME: (<8 x i64>* [[ARG:%.*]])
; CHECK-NEXT:  bb:
; CHECK-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; CHECK-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; CHECK-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; CHECK-NEXT:    call void @llvm.memset.p0i8.i64(i8* align 32 [[TMP3]], i8 0, i64 32, i1 false)
; CHECK-NEXT:    [[TMP_VAL:%.*]] = load <8 x i64>, <8 x i64>* [[TMP]]
; CHECK-NEXT:    call fastcc void @callee_avx512_legal512_prefer512_call_avx512_legal512_prefer512(<8 x
i64>* [[TMP2]], <8 x i64> [[TMP_VAL]])
; CHECK-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 32
; CHECK-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; CHECK-NEXT:    ret void
;
bb:
 %tmp = alloca <8 x i64>, align 32
 %tmp2 = alloca <8 x i64>, align 32
 %tmp3 = bitcast <8 x i64>* %tmp to i8*
 call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64
 32, i1 false)
 call fastcc void @callee_avx512_legal512_prefer512_call_avx512_legal512_prefer512(<8 x i64>* %tmp2, <8 x
i64>* %tmp)
 %tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
 store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
 ret void
}

; This should promote
define internal fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal512_prefer256(<8 x i64>* %arg,
<8 x i64>* readonly %arg1) #1 {
; CHECK-LABEL: define {{[^@]+}}@callee_avx512_legal512_prefer256_call_avx512_legal512_prefer256
; CHECK-SAME: (<8 x i64>* [[ARG:%.*]], <8 x i64> [[ARG1_VAL:%.*]])
; CHECK-NEXT:  bb:
; CHECK-NEXT:    store <8 x i64> [[ARG1_VAL]], <8 x i64>* [[ARG]]
; CHECK-NEXT:    ret void
;
```

```
bb:
 %tmp = load <8 x i64>, <8 x i64>* %arg1
 store <8 x i64> %tmp, <8 x i64>* %arg
 ret void
}

define void @avx512_legal512_prefer256_call_avx512_legal512_prefer256(<8 x i64>* %arg) #1 {
; CHECK-LABEL: define {{[^@]+}}@avx512_legal512_prefer256_call_avx512_legal512_prefer256
; CHECK-SAME: (<8 x i64>* [[ARG:%.*]])
;
 CHECK-NEXT:  bb:
; CHECK-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; CHECK-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; CHECK-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; CHECK-NEXT:    call void @llvm.memset.p0i8.i64(i8* align 32 [[TMP3]], i8 0, i64 32, i1 false)
; CHECK-NEXT:    [[TMP_VAL:%.*]] = load <8 x i64>, <8 x i64>* [[TMP]]
; CHECK-NEXT:    call fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal512_prefer256(<8 x
i64>* [[TMP2]], <8 x i64> [[TMP_VAL]])
; CHECK-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 32
; CHECK-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; CHECK-NEXT:    ret void
;
bb:
 %tmp = alloca <8 x i64>, align 32
 %tmp2 = alloca <8 x i64>, align 32
 %tmp3 = bitcast <8 x i64>* %tmp to i8*
 call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
 call fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal512_prefer256(<8 x i64>* %tmp2, <8 x
 i64>* %tmp)
 %tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
 store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
 ret void
}

; This should promote
define internal fastcc void @callee_avx512_legal512_prefer512_call_avx512_legal512_prefer256(<8 x i64>* %arg,
<8 x i64>* readonly %arg1) #1 {
; CHECK-LABEL: define {{[^@]+}}@callee_avx512_legal512_prefer512_call_avx512_legal512_prefer256
; CHECK-SAME: (<8 x i64>* [[ARG:%.*]], <8 x i64> [[ARG1_VAL:%.*]])
; CHECK-NEXT:  bb:
; CHECK-NEXT:    store <8 x i64> [[ARG1_VAL]], <8 x i64>* [[ARG]]
; CHECK-NEXT:    ret void
;
bb:
 %tmp = load <8 x i64>, <8 x i64>* %arg1
 store <8 x i64> %tmp, <8 x i64>* %arg
 ret void
}
```

```
define void @avx512_legal512_prefer512_call_avx512_legal512_prefer256(<8 x i64>* %arg) #0 {
; CHECK-LABEL: define {{[^@]+}}@avx512_legal512_prefer512_call_avx512_legal512_prefer256
; CHECK-SAME: (<8 x i64>* [[ARG:%.*]])
; CHECK-NEXT:  bb:
; CHECK-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; CHECK-NEXT:    [[TMP2:%.*]] = alloca
 <8 x i64>, align 32
; CHECK-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; CHECK-NEXT:    call void @llvm.memset.p0i8.i64(i8* align 32 [[TMP3]], i8 0, i64 32, i1 false)
; CHECK-NEXT:    [[TMP_VAL:%.*]] = load <8 x i64>, <8 x i64>* [[TMP]]
; CHECK-NEXT:    call fastcc void @callee_avx512_legal512_prefer512_call_avx512_legal512_prefer256(<8 x
i64>* [[TMP2]], <8 x i64> [[TMP_VAL]])
; CHECK-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 32
; CHECK-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; CHECK-NEXT:    ret void
;
bb:
 %tmp = alloca <8 x i64>, align 32
 %tmp2 = alloca <8 x i64>, align 32
 %tmp3 = bitcast <8 x i64>* %tmp to i8*
 call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
 call fastcc void @callee_avx512_legal512_prefer512_call_avx512_legal512_prefer256(<8 x i64>* %tmp2, <8 x
i64>* %tmp)
 %tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
 store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
 ret
 void
}

; This should promote
define internal fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal512_prefer512(<8 x i64>* %arg,
<8 x i64>* readonly %arg1) #0 {
; CHECK-LABEL: define {{[^@]+}}@callee_avx512_legal512_prefer256_call_avx512_legal512_prefer512
; CHECK-SAME: (<8 x i64>* [[ARG:%.*]], <8 x i64> [[ARG1_VAL:%.*]])
; CHECK-NEXT:  bb:
; CHECK-NEXT:    store <8 x i64> [[ARG1_VAL]], <8 x i64>* [[ARG]]
; CHECK-NEXT:    ret void
;
bb:
 %tmp = load <8 x i64>, <8 x i64>* %arg1
 store <8 x i64> %tmp, <8 x i64>* %arg
 ret void
}

define void @avx512_legal512_prefer256_call_avx512_legal512_prefer512(<8 x i64>* %arg) #1 {
; CHECK-LABEL: define {{[^@]+}}@avx512_legal512_prefer256_call_avx512_legal512_prefer512
; CHECK-SAME: (<8 x i64>* [[ARG:%.*]])
```

```
; CHECK-NEXT:  bb:
; CHECK-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; CHECK-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; CHECK-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; CHECK-NEXT:    call void @llvm.memset.p0i8.i64(i8*
 align 32 [[TMP3]], i8 0, i64 32, i1 false)
; CHECK-NEXT:    [[TMP_VAL:%.*]] = load <8 x i64>, <8 x i64>* [[TMP]]
; CHECK-NEXT:    call fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal512_prefer512(<8 x
i64>* [[TMP2]], <8 x i64> [[TMP_VAL]])
; CHECK-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 32
; CHECK-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; CHECK-NEXT:    ret void
;
bb:
 %tmp = alloca <8 x i64>, align 32
 %tmp2 = alloca <8 x i64>, align 32
 %tmp3 = bitcast <8 x i64>* %tmp to i8*
 call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
 call fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal512_prefer512(<8 x i64>* %tmp2, <8 x
i64>* %tmp)
 %tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
 store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
 ret void
}

; This should not promote
define internal fastcc void @callee_avx512_legal256_prefer256_call_avx512_legal512_prefer256(<8
 x i64>* %arg, <8 x i64>* readonly %arg1) #1 {
; CHECK-LABEL: define {{[^@]+}}@callee_avx512_legal256_prefer256_call_avx512_legal512_prefer256
; CHECK-SAME: (<8 x i64>* [[ARG:%.*]], <8 x i64>* readonly [[ARG1:%.*]])
; CHECK-NEXT:  bb:
; CHECK-NEXT:    [[TMP:%.*]] = load <8 x i64>, <8 x i64>* [[ARG1]]
; CHECK-NEXT:    store <8 x i64> [[TMP]], <8 x i64>* [[ARG]]
; CHECK-NEXT:    ret void
;
bb:
 %tmp = load <8 x i64>, <8 x i64>* %arg1
 store <8 x i64> %tmp, <8 x i64>* %arg
 ret void
}

define void @avx512_legal256_prefer256_call_avx512_legal512_prefer256(<8 x i64>* %arg) #2 {
; CHECK-LABEL: define {{[^@]+}}@avx512_legal256_prefer256_call_avx512_legal512_prefer256
; CHECK-SAME: (<8 x i64>* [[ARG:%.*]])
; CHECK-NEXT:  bb:
; CHECK-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; CHECK-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; CHECK-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
```

```
; CHECK-NEXT:    call void @llvm.memset.p0i8.i64(i8* align 32 [[TMP3]], i8 0,
 i64 32, i1 false)
; CHECK-NEXT:    call fastcc void @callee_avx512_legal256_prefer256_call_avx512_legal512_prefer256(<8 x
i64>* [[TMP2]], <8 x i64>* [[TMP]])
; CHECK-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 32
; CHECK-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; CHECK-NEXT:    ret void
;
bb:
 %tmp = alloca <8 x i64>, align 32
 %tmp2 = alloca <8 x i64>, align 32
 %tmp3 = bitcast <8 x i64>* %tmp to i8*
 call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
 call fastcc void @callee_avx512_legal256_prefer256_call_avx512_legal512_prefer256(<8 x i64>* %tmp2, <8 x
i64>* %tmp)
 %tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
 store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
 ret void
}

; This should not promote
define internal fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal256_prefer256(<8 x i64>* %arg,
<8 x i64>* readonly %arg1) #2 {
; CHECK-LABEL: define {{[^@]+}}@callee_avx512_legal512_prefer256_call_avx512_legal256_prefer256
;
 CHECK-SAME: (<8 x i64>* [[ARG:%.*]], <8 x i64>* readonly [[ARG1:%.*]])
; CHECK-NEXT:  bb:
; CHECK-NEXT:    [[TMP:%.*]] = load <8 x i64>, <8 x i64>* [[ARG1]]
; CHECK-NEXT:    store <8 x i64> [[TMP]], <8 x i64>* [[ARG]]
; CHECK-NEXT:    ret void
;
bb:
 %tmp = load <8 x i64>, <8 x i64>* %arg1
 store <8 x i64> %tmp, <8 x i64>* %arg
 ret void
}

define void @avx512_legal512_prefer256_call_avx512_legal256_prefer256(<8 x i64>* %arg) #1 {
; CHECK-LABEL: define {{[^@]+}}@avx512_legal512_prefer256_call_avx512_legal256_prefer256
; CHECK-SAME: (<8 x i64>* [[ARG:%.*]])
; CHECK-NEXT:  bb:
; CHECK-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; CHECK-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; CHECK-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; CHECK-NEXT:    call void @llvm.memset.p0i8.i64(i8* align 32 [[TMP3]], i8 0, i64 32, i1 false)
; CHECK-NEXT:    call fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal256_prefer256(<8
 x i64>* [[TMP2]], <8 x i64>* [[TMP]])
; CHECK-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 32
```

```
; CHECK-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; CHECK-NEXT:    ret void
;
bb:
 %tmp = alloca <8 x i64>, align 32
 %tmp2 = alloca <8 x i64>, align 32
 %tmp3 = bitcast <8 x i64>* %tmp to i8*
 call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
 call fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal256_prefer256(<8 x i64>* %tmp2, <8 x
i64>* %tmp)
 %tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
 store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
 ret void
}

; This should promote
define internal fastcc void @callee_avx2_legal256_prefer256_call_avx2_legal512_prefer256(<8 x i64>* %arg, <8
x i64>* readonly %arg1) #3 {
; CHECK-LABEL: define {{[^@]+}}@callee_avx2_legal256_prefer256_call_avx2_legal512_prefer256
; CHECK-SAME: (<8 x i64>* [[ARG:%.*]], <8 x i64> [[ARG1_VAL:%.*]])
; CHECK-NEXT:  bb:
; CHECK-NEXT:
    store <8 x i64> [[ARG1_VAL]], <8 x i64>* [[ARG]]
; CHECK-NEXT:    ret void
;
bb:
 %tmp = load <8 x i64>, <8 x i64>* %arg1
 store <8 x i64> %tmp, <8 x i64>* %arg
 ret void
}

define void @avx2_legal256_prefer256_call_avx2_legal512_prefer256(<8 x i64>* %arg) #4 {
; CHECK-LABEL: define {{[^@]+}}@avx2_legal256_prefer256_call_avx2_legal512_prefer256
; CHECK-SAME: (<8 x i64>* [[ARG:%.*]])
; CHECK-NEXT:  bb:
; CHECK-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; CHECK-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; CHECK-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; CHECK-NEXT:    call void @llvm.memset.p0i8.i64(i8* align 32 [[TMP3]], i8 0, i64 32, i1 false)
; CHECK-NEXT:    [[TMP_VAL:%.*]] = load <8 x i64>, <8 x i64>* [[TMP]]
; CHECK-NEXT:    call fastcc void @callee_avx2_legal256_prefer256_call_avx2_legal512_prefer256(<8 x i64>*
[[TMP2]], <8 x i64> [[TMP_VAL]])
; CHECK-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 32
; CHECK-NEXT:    store
 <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; CHECK-NEXT:    ret void
;
bb:
```

```
 %tmp = alloca <8 x i64>, align 32
 %tmp2 = alloca <8 x i64>, align 32
 %tmp3 = bitcast <8 x i64>* %tmp to i8*
 call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
 call fastcc void @callee_avx2_legal256_prefer256_call_avx2_legal512_prefer256(<8 x i64>* %tmp2, <8 x i64>*
%tmp)
 %tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
 store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
 ret void
}

; This should promote
define internal fastcc void @callee_avx2_legal512_prefer256_call_avx2_legal256_prefer256(<8 x i64>* %arg, <8
x i64>* readonly %arg1) #4 {
; CHECK-LABEL: define {{[^@]+}}@callee_avx2_legal512_prefer256_call_avx2_legal256_prefer256
; CHECK-SAME: (<8 x i64>* [[ARG:%.*]], <8 x i64> [[ARG1_VAL:%.*]])
; CHECK-NEXT:  bb:
; CHECK-NEXT:    store <8 x i64> [[ARG1_VAL]], <8 x i64>* [[ARG]]
; CHECK-NEXT:    ret void
;
bb:
 %tmp = load <8 x i64>, <8 x i64>* %arg1
 store <8 x i64>
 %tmp, <8 x i64>* %arg
 ret void
}

define void @avx2_legal512_prefer256_call_avx2_legal256_prefer256(<8 x i64>* %arg) #3 {
; CHECK-LABEL: define {{[^@]+}}@avx2_legal512_prefer256_call_avx2_legal256_prefer256
; CHECK-SAME: (<8 x i64>* [[ARG:%.*]])
; CHECK-NEXT:  bb:
; CHECK-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; CHECK-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; CHECK-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; CHECK-NEXT:    call void @llvm.memset.p0i8.i64(i8* align 32 [[TMP3]], i8 0, i64 32, i1 false)
; CHECK-NEXT:    [[TMP_VAL:%.*]] = load <8 x i64>, <8 x i64>* [[TMP]]
; CHECK-NEXT:    call fastcc void @callee_avx2_legal512_prefer256_call_avx2_legal256_prefer256(<8 x i64>*
[[TMP2]], <8 x i64> [[TMP_VAL]])
; CHECK-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 32
; CHECK-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; CHECK-NEXT:    ret void
;
bb:
 %tmp = alloca <8 x i64>, align 32
 %tmp2 = alloca <8 x i64>,
 align 32
 %tmp3 = bitcast <8 x i64>* %tmp to i8*
 call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
```

```
 call fastcc void @callee_avx2_legal512_prefer256_call_avx2_legal256_prefer256(<8 x i64>* %tmp2, <8 x i64>*
%tmp)
 %tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
 store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
 ret void
}

; If the arguments are scalar, its ok to promote.
define internal i32 @scalar_callee_avx512_legal256_prefer256_call_avx512_legal512_prefer256(i32* %X, i32*
%Y) #2 {
; CHECK-LABEL: define
{{[^@]+}}@scalar_callee_avx512_legal256_prefer256_call_avx512_legal512_prefer256
; CHECK-SAME: (i32 [[X_VAL:%.*]], i32 [[Y_VAL:%.*]])
; CHECK-NEXT:    [[C:%.*]] = add i32 [[X_VAL]], [[Y_VAL]]
; CHECK-NEXT:    ret i32 [[C]]
;
 %A = load i32, i32* %X
 %B = load i32, i32* %Y
 %C = add i32 %A, %B
 ret i32 %C
}

define i32 @scalar_avx512_legal256_prefer256_call_avx512_legal512_prefer256(i32* %B) #2 {
; CHECK-LABEL: define {{[^@]+}}@scalar_avx512_legal256_prefer256_call_avx512_legal512_prefer256
;
 CHECK-SAME: (i32* [[B:%.*]])
; CHECK-NEXT:    [[A:%.*]] = alloca i32
; CHECK-NEXT:    store i32 1, i32* [[A]]
; CHECK-NEXT:    [[A_VAL:%.*]] = load i32, i32* [[A]]
; CHECK-NEXT:    [[B_VAL:%.*]] = load i32, i32* [[B]]
; CHECK-NEXT:    [[C:%.*]] = call i32
@scalar_callee_avx512_legal256_prefer256_call_avx512_legal512_prefer256(i32 [[A_VAL]], i32 [[B_VAL]])
; CHECK-NEXT:    ret i32 [[C]]
;
 %A = alloca i32
 store i32 1, i32* %A
 %C = call i32 @scalar_callee_avx512_legal256_prefer256_call_avx512_legal512_prefer256(i32* %A, i32* %B)
 ret i32 %C
}

; If the arguments are scalar, its ok to promote.
define internal i32 @scalar_callee_avx512_legal512_prefer256_call_avx512_legal256_prefer256(i32* %X, i32*
%Y) #2 {
; CHECK-LABEL: define
{{[^@]+}}@scalar_callee_avx512_legal512_prefer256_call_avx512_legal256_prefer256
; CHECK-SAME: (i32 [[X_VAL:%.*]], i32 [[Y_VAL:%.*]])
; CHECK-NEXT:    [[C:%.*]] = add i32 [[X_VAL]], [[Y_VAL]]
; CHECK-NEXT:    ret
```

```
 i32 [[C]]
;
 %A = load i32, i32* %X
 %B = load i32, i32* %Y
 %C = add i32 %A, %B
 ret i32 %C
}

define i32 @scalar_avx512_legal512_prefer256_call_avx512_legal256_prefer256(i32* %B) #2 {
; CHECK-LABEL: define {{[^@]+}}@scalar_avx512_legal512_prefer256_call_avx512_legal256_prefer256
; CHECK-SAME: (i32* [[B:%.*]])
; CHECK-NEXT:    [[A:%.*]] = alloca i32
; CHECK-NEXT:    store i32 1, i32* [[A]]
; CHECK-NEXT:    [[A_VAL:%.*]] = load i32, i32* [[A]]
; CHECK-NEXT:    [[B_VAL:%.*]] = load i32, i32* [[B]]
; CHECK-NEXT:    [[C:%.*]] = call i32
@scalar_callee_avx512_legal512_prefer256_call_avx512_legal256_prefer256(i32 [[A_VAL]], i32 [[B_VAL]])
; CHECK-NEXT:    ret i32 [[C]]
;
 %A = alloca i32
 store i32 1, i32* %A
 %C = call i32 @scalar_callee_avx512_legal512_prefer256_call_avx512_legal256_prefer256(i32* %A, i32* %B)
 ret i32 %C
}

; Function Attrs: argmemonly nounwind
declare void @llvm.memset.p0i8.i64(i8* nocapture writeonly, i8, i64, i1) #5

attributes #0 = { inlinehint norecurse nounwind
 uwtable "target-features"="+avx512vl" "min-legal-vector-width"="512" "prefer-vector-width"="512" }
attributes #1 = { inlinehint norecurse nounwind uwtable "target-features"="+avx512vl" "min-legal-vector-
width"="512" "prefer-vector-width"="256" }
attributes #2 = { inlinehint norecurse nounwind uwtable "target-features"="+avx512vl" "min-legal-vector-
width"="256" "prefer-vector-width"="256" }
attributes #3 = { inlinehint norecurse nounwind uwtable "target-features"="+avx2" "min-legal-vector-width"="512"
"prefer-vector-width"="256" }
attributes #4 = { inlinehint norecurse nounwind uwtable "target-features"="+avx2" "min-legal-vector-width"="256"
"prefer-vector-width"="256" }
attributes #5 = { argmemonly nounwind }
```

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```
; NOTE: Assertions have been autogenerated by utils/update_llc_test_checks.py
; RUN: llc < %s -mtriple=x86_64-unknown-unknown -mcpu=skylake-avx512 -mattr=prefer-256-bit | FileCheck %s
--check-prefixes=CHECK,CHECK-AVX512
; RUN: llc < %s -mtriple=x86_64-unknown-unknown -mcpu=skylake-avx512 -mattr=prefer-256-bit,avx512vbmi |
FileCheck %s --check-prefixes=CHECK,CHECK-VBMI
; Make sure CPUs default to prefer-256-bit. avx512vnni isn't interesting as it just adds an isel peephole for
vpmaddwd+vpaddd
; RUN: llc < %s -mtriple=x86_64-unknown-unknown -mcpu=skylake-avx512 | FileCheck %s --check-
prefixes=CHECK,CHECK-AVX512
; RUN: llc < %s -mtriple=x86_64-unknown-unknown -mattr=-avx512vnni -mcpu=cascadelake | FileCheck %s --
check-prefixes=CHECK,CHECK-AVX512
; RUN: llc < %s -mtriple=x86_64-unknown-unknown -mattr=-avx512vnni -mcpu=cooperlake | FileCheck %s --
check-prefixes=CHECK,CHECK-AVX512
; RUN: llc < %s -mtriple=x86_64-unknown-unknown -mcpu=cannonlake | FileCheck %s --check-
prefixes=CHECK,CHECK-VBMI
;
 RUN: llc < %s -mtriple=x86_64-unknown-unknown -mattr=-avx512vnni -mcpu=icelake-client | FileCheck %s --
check-prefixes=CHECK,CHECK-VBMI
; RUN: llc < %s -mtriple=x86_64-unknown-unknown -mattr=-avx512vnni -mcpu=icelake-server | FileCheck %s --
check-prefixes=CHECK,CHECK-VBMI
; RUN: llc < %s -mtriple=x86_64-unknown-unknown -mattr=-avx512vnni -mcpu=tigerlake | FileCheck %s --check-
prefixes=CHECK,CHECK-VBMI

; This file primarily contains tests for specific places in X86ISelLowering.cpp that needed be made aware of the
legalizer not allowing 512-bit vectors due to prefer-256-bit even though AVX512 is enabled.

define dso_local void @add256(<16 x i32>* %a, <16 x i32>* %b, <16 x i32>* %c) "min-legal-vector-
width"="256" {
; CHECK-LABEL: add256:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vmovdqa (%rdi), %ymm0
; CHECK-NEXT:    vmovdqa 32(%rdi), %ymm1
; CHECK-NEXT:    vpaddd 32(%rsi), %ymm1, %ymm1
; CHECK-NEXT:    vpaddd (%rsi), %ymm0, %ymm0
; CHECK-NEXT:    vmovdqa %ymm0, (%rdx)
; CHECK-NEXT:
 vmovdqa %ymm1, 32(%rdx)
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
 %d = load <16 x i32>, <16 x i32>* %a
 %e = load <16 x i32>, <16 x i32>* %b
 %f = add <16 x i32> %d, %e
 store <16 x i32> %f, <16 x i32>* %c
 ret void
}

define dso_local void @add512(<16 x i32>* %a, <16 x i32>* %b, <16 x i32>* %c) "min-legal-vector-
width"="512" {
```

```
; CHECK-LABEL: add512:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vmovdqa64 (%rdi), %zmm0
; CHECK-NEXT:    vpaddd (%rsi), %zmm0, %zmm0
; CHECK-NEXT:    vmovdqa64 %zmm0, (%rdx)
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
 %d = load <16 x i32>, <16 x i32>* %a
 %e = load <16 x i32>, <16 x i32>* %b
 %f = add <16 x i32> %d, %e
 store <16 x i32> %f, <16 x i32>* %c
 ret void
}

define dso_local void @avg_v64i8_256(<64 x i8>* %a, <64 x i8>* %b) "min-legal-vector-width"="256" {
; CHECK-LABEL: avg_v64i8_256:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vmovdqa (%rsi), %ymm0
; CHECK-NEXT:    vmovdqa 32(%rsi), %ymm1
; CHECK-NEXT:    vpavgb (%rdi), %ymm0,
 %ymm0
; CHECK-NEXT:    vpavgb 32(%rdi), %ymm1, %ymm1
; CHECK-NEXT:    vmovdqu %ymm1, (%rax)
; CHECK-NEXT:    vmovdqu %ymm0, (%rax)
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
 %1 = load <64 x i8>, <64 x i8>* %a
 %2 = load <64 x i8>, <64 x i8>* %b
 %3 = zext <64 x i8> %1 to <64 x i32>
 %4 = zext <64 x i8> %2 to <64 x i32>
 %5 = add nuw nsw <64 x i32> %3, <i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1,
i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32
1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1,
i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1>
 %6 = add nuw nsw <64 x i32> %5, %4
 %7 = lshr <64 x i32> %6, <i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1,
i32 1, i32 1, i32 1,
 i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1,
i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32
1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1>
 %8 = trunc <64 x i32> %7 to <64 x i8>
 store <64 x i8> %8, <64 x i8>* undef, align 4
 ret void
}


define dso_local void @avg_v64i8_512(<64 x i8>* %a, <64 x i8>* %b) "min-legal-vector-width"="512" {
; CHECK-LABEL: avg_v64i8_512:
```

```
; CHECK:       # %bb.0:
; CHECK-NEXT:    vmovdqa64 (%rsi), %zmm0
; CHECK-NEXT:    vpavgb (%rdi), %zmm0, %zmm0
; CHECK-NEXT:    vmovdqu64 %zmm0, (%rax)
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
 %1 = load <64 x i8>, <64 x i8>* %a
 %2 = load <64 x i8>, <64 x i8>* %b
 %3 = zext <64 x i8> %1 to <64 x i32>
 %4 = zext <64 x i8> %2 to <64 x i32>
 %5 = add nuw nsw <64 x i32> %3, <i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32
 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32 1, i32
```

```
  ret void
}

define dso_local void @pmaddwd_32_512(<32 x i16>* %APtr, <32 x i16>* %BPtr, <16 x i32>* %CPtr) "min-legal-vector-width"="512" {
; CHECK-LABEL: pmaddwd_32_512:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vmovdqa64 (%rdi), %zmm0
; CHECK-NEXT:    vpmaddwd (%rsi), %zmm0, %zmm0
; CHECK-NEXT:    vmovdqa64 %zmm0, (%rdx)
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
  %A = load <32 x i16>, <32 x i16>* %APtr
  %B = load <32 x i16>, <32 x i16>* %BPtr
  %a = sext <32 x i16> %A to <32 x i32>
  %b = sext <32 x i16> %B to <32 x i32>
  %m = mul nsw <32 x i32> %a, %b
  %odd = shufflevector <32 x i32> %m, <32 x i32> undef, <16 x i32> <i32 0, i32 2, i32 4, i32 6, i32 8, i32 10, i32 12, i32 14, i32 16, i32 18, i32 20, i32 22, i32 24, i32 26, i32 28, i32 30>
  %even = shufflevector <32 x i32> %m, <32 x i32> undef, <16
 x i32> <i32 1, i32 3, i32 5, i32 7, i32 9, i32 11, i32 13, i32 15, i32 17, i32 19, i32 21, i32 23, i32 25, i32 27, i32 29, i32 31>
  %ret = add <16 x i32> %odd, %even
  store <16 x i32> %ret, <16 x i32>* %CPtr
  ret void
}

define dso_local void @psubus_64i8_max_256(<64 x i8>* %xptr, <64 x i8>* %yptr, <64 x i8>* %zptr) "min-legal-vector-width"="256" {
; CHECK-LABEL: psubus_64i8_max_256:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vmovdqa (%rdi), %ymm0
; CHECK-NEXT:    vmovdqa 32(%rdi), %ymm1
; CHECK-NEXT:    vpsubusb 32(%rsi), %ymm1, %ymm1
; CHECK-NEXT:    vpsubusb (%rsi), %ymm0, %ymm0
; CHECK-NEXT:    vmovdqa %ymm0, (%rdx)
; CHECK-NEXT:    vmovdqa %ymm1, 32(%rdx)
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
 %x = load <64 x i8>, <64 x i8>* %xptr
 %y = load <64 x i8>, <64 x i8>* %yptr
 %cmp = icmp ult <64 x i8> %x, %y
 %max = select <64 x i1> %cmp, <64 x i8> %y, <64 x i8> %x
 %res = sub <64 x i8> %max, %y
 store <64 x i8> %res, <64 x i8>* %zptr
 ret void
}
```

```
define dso_local
 void @psubus_64i8_max_512(<64 x i8>* %xptr, <64 x i8>* %yptr, <64 x i8>* %zptr) "min-legal-vector-
width"="512" {
; CHECK-LABEL: psubus_64i8_max_512:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vmovdqa64 (%rdi), %zmm0
; CHECK-NEXT:    vpsubusb (%rsi), %zmm0, %zmm0
; CHECK-NEXT:    vmovdqa64 %zmm0, (%rdx)
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
 %x = load <64 x i8>, <64 x i8>* %xptr
 %y = load <64 x i8>, <64 x i8>* %yptr
 %cmp = icmp ult <64 x i8> %x, %y
 %max = select <64 x i1> %cmp, <64 x i8> %y, <64 x i8> %x
 %res = sub <64 x i8> %max, %y
 store <64 x i8> %res, <64 x i8>* %zptr
 ret void
}

define dso_local i32 @_Z9test_charPcS_i_256(i8* nocapture readonly, i8* nocapture readonly, i32) "min-legal-
vector-width"="256" {
; CHECK-LABEL: _Z9test_charPcS_i_256:
; CHECK:       # %bb.0: # %entry
; CHECK-NEXT:    movl %edx, %eax
; CHECK-NEXT:    vpxor %xmm0, %xmm0, %xmm0
; CHECK-NEXT:    xorl %ecx, %ecx
; CHECK-NEXT:    vpxor %xmm1, %xmm1, %xmm1
; CHECK-NEXT:    vpxor %xmm2,
 %xmm2, %xmm2
; CHECK-NEXT:    .p2align 4, 0x90
; CHECK-NEXT:  .LBB8_1: # %vector.body
; CHECK-NEXT:    # =>This Inner Loop Header: Depth=1
; CHECK-NEXT:    vpmovsxbw 16(%rdi,%rcx), %ymm3
; CHECK-NEXT:    vpmovsxbw (%rdi,%rcx), %ymm4
; CHECK-NEXT:    vpmovsxbw 16(%rsi,%rcx), %ymm5
; CHECK-NEXT:    vpmaddwd %ymm3, %ymm5, %ymm3
; CHECK-NEXT:    vpaddd %ymm2, %ymm3, %ymm2
; CHECK-NEXT:    vpmovsxbw (%rsi,%rcx), %ymm3
; CHECK-NEXT:    vpmaddwd %ymm4, %ymm3, %ymm3
; CHECK-NEXT:    vpaddd %ymm1, %ymm3, %ymm1
; CHECK-NEXT:    addq $32, %rcx
; CHECK-NEXT:    cmpq %rcx, %rax
; CHECK-NEXT:    jne .LBB8_1
; CHECK-NEXT:  # %bb.2: # %middle.block
; CHECK-NEXT:    vpaddd %ymm0, %ymm1, %ymm1
; CHECK-NEXT:    vpaddd %ymm0, %ymm2, %ymm0
; CHECK-NEXT:    vpaddd %ymm0, %ymm1, %ymm0
; CHECK-NEXT:    vextracti128 $1, %ymm0, %xmm1
```

```
; CHECK-NEXT:    vpaddd %xmm1, %xmm0, %xmm0
; CHECK-NEXT:    vpshufd {{.*#+}} xmm1 = xmm0[2,3,2,3]
; CHECK-NEXT:    vpaddd %xmm1, %xmm0, %xmm0
; CHECK-NEXT:    vpshufd {{.*#+}} xmm1
 = xmm0[1,1,1,1]
; CHECK-NEXT:    vpaddd %xmm1, %xmm0, %xmm0
; CHECK-NEXT:    vmovd %xmm0, %eax
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
entry:
 %3 = zext i32 %2 to i64
 br label %vector.body

vector.body:
 %index = phi i64 [ %index.next, %vector.body ], [ 0, %entry ]
 %vec.phi = phi <32 x i32> [ %11, %vector.body ], [ zeroinitializer, %entry ]
 %4 = getelementptr inbounds i8, i8* %0, i64 %index
 %5 = bitcast i8* %4 to <32 x i8>*
 %wide.load = load <32 x i8>, <32 x i8>* %5, align 1
 %6 = sext <32 x i8> %wide.load to <32 x i32>
 %7 = getelementptr inbounds i8, i8* %1, i64 %index
 %8 = bitcast i8* %7 to <32 x i8>*
 %wide.load14 = load <32 x i8>, <32 x i8>* %8, align 1
 %9 = sext <32 x i8> %wide.load14 to <32 x i32>
 %10 = mul nsw <32 x i32> %9, %6
 %11 = add nsw <32 x i32> %10, %vec.phi
 %index.next = add i64 %index, 32
 %12 = icmp eq i64 %index.next, %3
 br i1 %12, label %middle.block, label %vector.body

middle.block:
 %rdx.shuf1 = shufflevector <32 x i32> %11,
 <32 x i32> undef, <32 x i32> <i32 16, i32 17, i32 18, i32 19, i32 20, i32 21, i32 22, i32 23, i32 24, i32 25, i32 26,
i32 27, i32 28, i32 29, i32 30, i32 31, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
 %bin.rdx1 = add <32 x i32> %11, %rdx.shuf1
 %rdx.shuf = shufflevector <32 x i32> %bin.rdx1, <32 x i32> undef, <32 x i32> <i32 8, i32 9, i32 10, i32 11, i32
12, i32 13, i32 14, i32 15, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef,
i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
 %bin.rdx = add <32 x i32> %bin.rdx1, %rdx.shuf
 %rdx.shuf15 = shufflevector <32 x i32> %bin.rdx, <32 x i32> undef, <32 x i32> <i32 4, i32 5, i32 6, i32 7, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef,
 i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef,
i32 undef, i32 undef>
 %bin.rdx32 = add <32 x i32> %bin.rdx, %rdx.shuf15
 %rdx.shuf17 = shufflevector <32 x i32> %bin.rdx32, <32 x i32> undef, <32 x i32> <i32 2, i32 3, i32 undef, i32
```

```
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef,
i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
 %bin.rdx18 = add <32 x i32> %bin.rdx32, %rdx.shuf17
 %rdx.shuf19 = shufflevector <32 x i32> %bin.rdx18, <32 x i32> undef, <32 x i32> <i32 1, i32 undef, i32 undef,
i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32
 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef,
i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
 %bin.rdx20 = add <32 x i32> %bin.rdx18, %rdx.shuf19
 %13 = extractelement <32 x i32> %bin.rdx20, i32 0
 ret i32 %13
}

define dso_local i32 @_Z9test_charPcS_i_512(i8* nocapture readonly, i8* nocapture readonly, i32) "min-legal-
vector-width"="512" {
; CHECK-LABEL: _Z9test_charPcS_i_512:
; CHECK:       # %bb.0: # %entry
; CHECK-NEXT:    movl %edx, %eax
; CHECK-NEXT:    vpxor %xmm0, %xmm0, %xmm0
; CHECK-NEXT:    xorl %ecx, %ecx
; CHECK-NEXT:    vpxor %xmm1, %xmm1, %xmm1
; CHECK-NEXT:    .p2align 4, 0x90
; CHECK-NEXT:  .LBB9_1: # %vector.body
; CHECK-NEXT:    # =>This Inner Loop Header: Depth=1
; CHECK-NEXT:    vpmovsxbw (%rdi,%rcx), %zmm2
; CHECK-NEXT:    vpmovsxbw (%rsi,%rcx), %zmm3
; CHECK-NEXT:    vpmaddwd %zmm2, %zmm3, %zmm2
; CHECK-NEXT:    vpaddd %zmm1, %zmm2, %zmm1
;
 CHECK-NEXT:    addq $32, %rcx
; CHECK-NEXT:    cmpq %rcx, %rax
; CHECK-NEXT:    jne .LBB9_1
; CHECK-NEXT:  # %bb.2: # %middle.block
; CHECK-NEXT:    vpaddd %zmm0, %zmm1, %zmm0
; CHECK-NEXT:    vextracti64x4 $1, %zmm0, %ymm1
; CHECK-NEXT:    vpaddd %zmm1, %zmm0, %zmm0
; CHECK-NEXT:    vextracti128 $1, %ymm0, %xmm1
; CHECK-NEXT:    vpaddd %xmm1, %xmm0, %xmm0
; CHECK-NEXT:    vpshufd {{.*#+}} xmm1 = xmm0[2,3,2,3]
; CHECK-NEXT:    vpaddd %xmm1, %xmm0, %xmm0
; CHECK-NEXT:    vpshufd {{.*#+}} xmm1 = xmm0[1,1,1,1]
; CHECK-NEXT:    vpaddd %xmm1, %xmm0, %xmm0
; CHECK-NEXT:    vmovd %xmm0, %eax
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
entry:
 %3 = zext i32 %2 to i64
 br label %vector.body
```

```
vector.body:
 %index = phi i64 [ %index.next, %vector.body ], [ 0, %entry ]
 %vec.phi = phi <32 x i32> [ %11, %vector.body ], [ zeroinitializer, %entry ]
 %4 = getelementptr inbounds i8, i8* %0, i64 %index
 %5 = bitcast i8* %4 to <32 x i8>*
 %wide.load = load <32 x i8>, <32 x i8>* %5, align
 1
 %6 = sext <32 x i8> %wide.load to <32 x i32>
 %7 = getelementptr inbounds i8, i8* %1, i64 %index
 %8 = bitcast i8* %7 to <32 x i8>*
 %wide.load14 = load <32 x i8>, <32 x i8>* %8, align 1
 %9 = sext <32 x i8> %wide.load14 to <32 x i32>
 %10 = mul nsw <32 x i32> %9, %6
 %11 = add nsw <32 x i32> %10, %vec.phi
 %index.next = add i64 %index, 32
 %12 = icmp eq i64 %index.next, %3
 br i1 %12, label %middle.block, label %vector.body

middle.block:
 %rdx.shuf1 = shufflevector <32 x i32> %11, <32 x i32> undef, <32 x i32> <i32 16, i32 17, i32 18, i32 19, i32 20,
i32 21, i32 22, i32 23, i32 24, i32 25, i32 26, i32 27, i32 28, i32 29, i32 30, i32 31, i32 undef, i32 undef, i32 undef,
i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32
undef, i32 undef, i32 undef>
 %bin.rdx1 = add <32 x i32> %11, %rdx.shuf1
 %rdx.shuf = shufflevector <32 x i32> %bin.rdx1, <32 x i32> undef, <32 x i32> <i32 8, i32 9, i32 10, i32 11, i32
12,
 i32 13, i32 14, i32 15, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef,
i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
 %bin.rdx = add <32 x i32> %bin.rdx1, %rdx.shuf
 %rdx.shuf15 = shufflevector <32 x i32> %bin.rdx, <32 x i32> undef, <32 x i32> <i32 4, i32 5, i32 6, i32 7, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef,
i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
 %bin.rdx32 = add <32 x i32> %bin.rdx, %rdx.shuf15
 %rdx.shuf17 = shufflevector <32 x i32> %bin.rdx32, <32 x i32> undef, <32 x i32> <i32 2, i32 3, i32 undef, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef,
 i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
 %bin.rdx18 = add <32 x i32> %bin.rdx32, %rdx.shuf17
 %rdx.shuf19 = shufflevector <32 x i32> %bin.rdx18, <32 x i32> undef, <32 x i32> <i32 1, i32 undef, i32 undef,
i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef,
i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
 %bin.rdx20 = add <32 x i32> %bin.rdx18, %rdx.shuf19
 %13 = extractelement <32 x i32> %bin.rdx20, i32 0
 ret i32 %13
```

```
}

@a = dso_local global [1024 x i8] zeroinitializer, align 16
@b = dso_local global [1024 x i8] zeroinitializer, align 16

define dso_local i32 @sad_16i8_256()
 "min-legal-vector-width"="256" {
; CHECK-LABEL: sad_16i8_256:
; CHECK:       # %bb.0: # %entry
; CHECK-NEXT:    vpxor %xmm0, %xmm0, %xmm0
; CHECK-NEXT:    movq $-1024, %rax # imm = 0xFC00
; CHECK-NEXT:    vpxor %xmm1, %xmm1, %xmm1
; CHECK-NEXT:    .p2align 4, 0x90
; CHECK-NEXT:  .LBB10_1: # %vector.body
; CHECK-NEXT:    # =>This Inner Loop Header: Depth=1
; CHECK-NEXT:    vmovdqu a+1024(%rax), %xmm2
; CHECK-NEXT:    vpsadbw b+1024(%rax), %xmm2, %xmm2
; CHECK-NEXT:    vpaddd %ymm1, %ymm2, %ymm1
; CHECK-NEXT:    addq $4, %rax
; CHECK-NEXT:    jne .LBB10_1
; CHECK-NEXT:  # %bb.2: # %middle.block
; CHECK-NEXT:    vpaddd %ymm0, %ymm1, %ymm0
; CHECK-NEXT:    vextracti128 $1, %ymm0, %xmm1
; CHECK-NEXT:    vpaddd %xmm1, %xmm0, %xmm0
; CHECK-NEXT:    vpshufd {{.*#+}} xmm1 = xmm0[2,3,2,3]
; CHECK-NEXT:    vpaddd %xmm1, %xmm0, %xmm0
; CHECK-NEXT:    vpshufd {{.*#+}} xmm1 = xmm0[1,1,1,1]
; CHECK-NEXT:    vpaddd %xmm1, %xmm0, %xmm0
; CHECK-NEXT:    vmovd %xmm0, %eax
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:
    retq
entry:
 br label %vector.body

vector.body:
 %index = phi i64 [ 0, %entry ], [ %index.next, %vector.body ]
 %vec.phi = phi <16 x i32> [ zeroinitializer, %entry ], [ %10, %vector.body ]
 %0 = getelementptr inbounds [1024 x i8], [1024 x i8]* @a, i64 0, i64 %index
 %1 = bitcast i8* %0 to <16 x i8>*
 %wide.load = load <16 x i8>, <16 x i8>* %1, align 4
 %2 = zext <16 x i8> %wide.load to <16 x i32>
 %3 = getelementptr inbounds [1024 x i8], [1024 x i8]* @b, i64 0, i64 %index
 %4 = bitcast i8* %3 to <16 x i8>*
 %wide.load1 = load <16 x i8>, <16 x i8>* %4, align 4
 %5 = zext <16 x i8> %wide.load1 to <16 x i32>
 %6 = sub nsw <16 x i32> %2, %5
 %7 = icmp sgt <16 x i32> %6, <i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -
```

```
1, i32 -1, i32 -1, i32 -1, i32 -1>
 %8 = sub nsw <16 x i32> zeroinitializer, %6
 %9 = select <16 x i1> %7, <16 x i32> %6, <16 x i32> %8
 %10 = add nsw <16 x i32> %9, %vec.phi
 %index.next = add i64 %index,
 4
 %11 = icmp eq i64 %index.next, 1024
 br i1 %11, label %middle.block, label %vector.body

middle.block:
 %rdx.shuf = shufflevector <16 x i32> %10, <16 x i32> undef, <16 x i32> <i32 8, i32 9, i32 10, i32 11, i32 12, i32
13, i32 14, i32 15, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
 %bin.rdx = add <16 x i32> %10, %rdx.shuf
 %rdx.shuf2 = shufflevector <16 x i32> %bin.rdx, <16 x i32> undef, <16 x i32> <i32 4, i32 5, i32 6, i32 7, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef,
i32 undef>
 %bin.rdx2 = add <16 x i32> %bin.rdx, %rdx.shuf2
 %rdx.shuf3 = shufflevector <16 x i32> %bin.rdx2, <16 x i32> undef, <16 x i32> <i32 2, i32 3, i32 undef, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef,
i32 undef, i32 undef>
 %bin.rdx3 = add <16 x i32> %bin.rdx2, %rdx.shuf3
 %rdx.shuf4 = shufflevector
 <16 x i32> %bin.rdx3, <16 x i32> undef, <16 x i32> <i32 1, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef,
i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
 %bin.rdx4 = add <16 x i32> %bin.rdx3, %rdx.shuf4
 %12 = extractelement <16 x i32> %bin.rdx4, i32 0
 ret i32 %12
}

define dso_local i32 @sad_16i8_512() "min-legal-vector-width"="512" {
; CHECK-LABEL: sad_16i8_512:
; CHECK:       # %bb.0: # %entry
; CHECK-NEXT:    vpxor %xmm0, %xmm0, %xmm0
; CHECK-NEXT:    movq $-1024, %rax # imm = 0xFC00
; CHECK-NEXT:    .p2align 4, 0x90
; CHECK-NEXT:  .LBB11_1: # %vector.body
; CHECK-NEXT:    # =>This Inner Loop Header: Depth=1
; CHECK-NEXT:    vmovdqu a+1024(%rax), %xmm1
; CHECK-NEXT:    vpsadbw b+1024(%rax), %xmm1, %xmm1
; CHECK-NEXT:    vpaddd %zmm0, %zmm1, %zmm0
; CHECK-NEXT:    addq $4, %rax
; CHECK-NEXT:    jne .LBB11_1
; CHECK-NEXT:  # %bb.2: # %middle.block
; CHECK-NEXT:    vextracti64x4 $1, %zmm0, %ymm1
; CHECK-NEXT:
   vpaddd %zmm1, %zmm0, %zmm0
; CHECK-NEXT:    vextracti128 $1, %ymm0, %xmm1
; CHECK-NEXT:    vpaddd %xmm1, %xmm0, %xmm0
```

```
; CHECK-NEXT:    vpshufd {{.*#+}} xmm1 = xmm0[2,3,2,3]
; CHECK-NEXT:    vpaddd %xmm1, %xmm0, %xmm0
; CHECK-NEXT:    vpshufd {{.*#+}} xmm1 = xmm0[1,1,1,1]
; CHECK-NEXT:    vpaddd %xmm1, %xmm0, %xmm0
; CHECK-NEXT:    vmovd %xmm0, %eax
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
entry:
 br label %vector.body

vector.body:
 %index = phi i64 [ 0, %entry ], [ %index.next, %vector.body ]
 %vec.phi = phi <16 x i32> [ zeroinitializer, %entry ], [ %10, %vector.body ]
 %0 = getelementptr inbounds [1024 x i8], [1024 x i8]* @a, i64 0, i64 %index
 %1 = bitcast i8* %0 to <16 x i8>*
 %wide.load = load <16 x i8>, <16 x i8>* %1, align 4
 %2 = zext <16 x i8> %wide.load to <16 x i32>
 %3 = getelementptr inbounds [1024 x i8], [1024 x i8]* @b, i64 0, i64 %index
 %4 = bitcast i8* %3 to <16 x i8>*
 %wide.load1 = load <16 x i8>, <16 x i8>* %4, align 4
 %5 = zext <16 x i8> %wide.load1
 to <16 x i32>
 %6 = sub nsw <16 x i32> %2, %5
 %7 = icmp sgt <16 x i32> %6, <i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -
1, i32 -1, i32 -1, i32 -1, i32 -1>
 %8 = sub nsw <16 x i32> zeroinitializer, %6
 %9 = select <16 x i1> %7, <16 x i32> %6, <16 x i32> %8
 %10 = add nsw <16 x i32> %9, %vec.phi
 %index.next = add i64 %index, 4
 %11 = icmp eq i64 %index.next, 1024
 br i1 %11, label %middle.block, label %vector.body

middle.block:
 %rdx.shuf = shufflevector <16 x i32> %10, <16 x i32> undef, <16 x i32> <i32 8, i32 9, i32 10, i32 11, i32 12, i32
13, i32 14, i32 15, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
 %bin.rdx = add <16 x i32> %10, %rdx.shuf
 %rdx.shuf2 = shufflevector <16 x i32> %bin.rdx, <16 x i32> undef, <16 x i32> <i32 4, i32 5, i32 6, i32 7, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef,
i32 undef>
  %bin.rdx2 = add <16 x i32> %bin.rdx, %rdx.shuf2
 %rdx.shuf3 = shufflevector <16 x i32> %bin.rdx2, <16 x i32> undef, <16 x i32> <i32 2, i32 3, i32 undef, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef,
i32 undef, i32 undef>
 %bin.rdx3 = add <16 x i32> %bin.rdx2, %rdx.shuf3
 %rdx.shuf4 = shufflevector <16 x i32> %bin.rdx3, <16 x i32> undef, <16 x i32> <i32 1, i32 undef, i32 undef, i32
undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef,
i32 undef, i32 undef>
 %bin.rdx4 = add <16 x i32> %bin.rdx3, %rdx.shuf4
```

```
 %12 = extractelement <16 x i32> %bin.rdx4, i32 0
 ret i32 %12
}

define dso_local void @sbto16f32_256(<16 x i16> %a, <16 x float>* %res) "min-legal-vector-width"="256" {
; CHECK-LABEL: sbto16f32_256:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vpmovw2m %ymm0, %k0
; CHECK-NEXT:    kshiftrw $8, %k0, %k1
; CHECK-NEXT:    vpmovm2d %k1, %ymm0
;
 CHECK-NEXT:    vcvtdq2ps %ymm0, %ymm0
; CHECK-NEXT:    vpmovm2d %k0, %ymm1
; CHECK-NEXT:    vcvtdq2ps %ymm1, %ymm1
; CHECK-NEXT:    vmovaps %ymm1, (%rdi)
; CHECK-NEXT:    vmovaps %ymm0, 32(%rdi)
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
 %mask = icmp slt <16 x i16> %a, zeroinitializer
 %1 = sitofp <16 x i1> %mask to <16 x float>
 store <16 x float> %1, <16 x float>* %res
 ret void
}

define dso_local void @sbto16f32_512(<16 x i16> %a, <16 x float>* %res) "min-legal-vector-width"="512" {
; CHECK-LABEL: sbto16f32_512:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vpmovw2m %ymm0, %k0
; CHECK-NEXT:    vpmovm2d %k0, %zmm0
; CHECK-NEXT:    vcvtdq2ps %zmm0, %zmm0
; CHECK-NEXT:    vmovaps %zmm0, (%rdi)
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
 %mask = icmp slt <16 x i16> %a, zeroinitializer
 %1 = sitofp <16 x i1> %mask to <16 x float>
 store <16 x float> %1, <16 x float>* %res
 ret void
}

define dso_local void @sbto16f64_256(<16 x i16> %a, <16 x double>* %res)  "min-legal-vector-width"="256"
 {
; CHECK-LABEL: sbto16f64_256:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vpmovw2m %ymm0, %k0
; CHECK-NEXT:    kshiftrw $8, %k0, %k1
; CHECK-NEXT:    vpmovm2d %k1, %ymm0
; CHECK-NEXT:    vcvtdq2pd %xmm0, %ymm1
; CHECK-NEXT:    vextracti128 $1, %ymm0, %xmm0
```

```
; CHECK-NEXT:    vcvtdq2pd %xmm0, %ymm0
; CHECK-NEXT:    vpmovm2d %k0, %ymm2
; CHECK-NEXT:    vcvtdq2pd %xmm2, %ymm3
; CHECK-NEXT:    vextracti128 $1, %ymm2, %xmm2
; CHECK-NEXT:    vcvtdq2pd %xmm2, %ymm2
; CHECK-NEXT:    vmovaps %ymm2, 32(%rdi)
; CHECK-NEXT:    vmovaps %ymm3, (%rdi)
; CHECK-NEXT:    vmovaps %ymm0, 96(%rdi)
; CHECK-NEXT:    vmovaps %ymm1, 64(%rdi)
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
 %mask = icmp slt <16 x i16> %a, zeroinitializer
 %1 = sitofp <16 x i1> %mask to <16 x double>
 store <16 x double> %1, <16 x double>* %res
 ret void
}

define dso_local void @sbto16f64_512(<16 x i16> %a, <16 x double>* %res)  "min-legal-vector-width"="512" {
; CHECK-LABEL: sbto16f64_512:
; CHECK:
   # %bb.0:
; CHECK-NEXT:    vpmovw2m %ymm0, %k0
; CHECK-NEXT:    vpmovm2d %k0, %zmm0
; CHECK-NEXT:    vcvtdq2pd %ymm0, %zmm1
; CHECK-NEXT:    vextracti64x4 $1, %zmm0, %ymm0
; CHECK-NEXT:    vcvtdq2pd %ymm0, %zmm0
; CHECK-NEXT:    vmovaps %zmm0, 64(%rdi)
; CHECK-NEXT:    vmovaps %zmm1, (%rdi)
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
 %mask = icmp slt <16 x i16> %a, zeroinitializer
 %1 = sitofp <16 x i1> %mask to <16 x double>
 store <16 x double> %1, <16 x double>* %res
 ret void
}

define dso_local void @ubto16f32_256(<16 x i16> %a, <16 x float>* %res) "min-legal-vector-width"="256" {
; CHECK-LABEL: ubto16f32_256:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vpmovw2m %ymm0, %k0
; CHECK-NEXT:    kshiftrw $8, %k0, %k1
; CHECK-NEXT:    vpmovm2d %k1, %ymm0
; CHECK-NEXT:    vpsrld $31, %ymm0, %ymm0
; CHECK-NEXT:    vcvtdq2ps %ymm0, %ymm0
; CHECK-NEXT:    vpmovm2d %k0, %ymm1
; CHECK-NEXT:    vpsrld $31, %ymm1, %ymm1
; CHECK-NEXT:    vcvtdq2ps %ymm1, %ymm1
; CHECK-NEXT:    vmovaps %ymm1,
```

```
 (%rdi)
; CHECK-NEXT:    vmovaps %ymm0, 32(%rdi)
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
 %mask = icmp slt <16 x i16> %a, zeroinitializer
 %1 = uitofp <16 x i1> %mask to <16 x float>
 store <16 x float> %1, <16 x float>* %res
 ret void
}

define dso_local void @ubto16f32_512(<16 x i16> %a, <16 x float>* %res) "min-legal-vector-width"="512" {
; CHECK-LABEL: ubto16f32_512:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vpmovw2m %ymm0, %k0
; CHECK-NEXT:    vpmovm2d %k0, %zmm0
; CHECK-NEXT:    vpsrld $31, %zmm0, %zmm0
; CHECK-NEXT:    vcvtdq2ps %zmm0, %zmm0
; CHECK-NEXT:    vmovaps %zmm0, (%rdi)
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
 %mask = icmp slt <16 x i16> %a, zeroinitializer
 %1 = uitofp <16 x i1> %mask to <16 x float>
 store <16 x float> %1, <16 x float>* %res
 ret void
}

define dso_local void @ubto16f64_256(<16 x i16> %a, <16 x double>* %res) "min-legal-vector-width"="256" {
; CHECK-LABEL: ubto16f64_256:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vpmovw2m
 %ymm0, %k0
; CHECK-NEXT:    kshiftrw $8, %k0, %k1
; CHECK-NEXT:    vpmovm2d %k1, %ymm0
; CHECK-NEXT:    vpsrld $31, %ymm0, %ymm0
; CHECK-NEXT:    vcvtdq2pd %xmm0, %ymm1
; CHECK-NEXT:    vextracti128 $1, %ymm0, %xmm0
; CHECK-NEXT:    vcvtdq2pd %xmm0, %ymm0
; CHECK-NEXT:    vpmovm2d %k0, %ymm2
; CHECK-NEXT:    vpsrld $31, %ymm2, %ymm2
; CHECK-NEXT:    vcvtdq2pd %xmm2, %ymm3
; CHECK-NEXT:    vextracti128 $1, %ymm2, %xmm2
; CHECK-NEXT:    vcvtdq2pd %xmm2, %ymm2
; CHECK-NEXT:    vmovaps %ymm2, 32(%rdi)
; CHECK-NEXT:    vmovaps %ymm3, (%rdi)
; CHECK-NEXT:    vmovaps %ymm0, 96(%rdi)
; CHECK-NEXT:    vmovaps %ymm1, 64(%rdi)
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
```

```
 %mask = icmp slt <16 x i16> %a, zeroinitializer
 %1 = uitofp <16 x i1> %mask to <16 x double>
 store <16 x double> %1, <16 x double>* %res
 ret void
}

define dso_local void @ubto16f64_512(<16 x i16> %a, <16 x double>* %res) "min-legal-vector-width"="512" {
; CHECK-LABEL: ubto16f64_512:
; CHECK:       # %bb.0:
; CHECK-NEXT:
    vpmovw2m %ymm0, %k0
; CHECK-NEXT:    vpmovm2d %k0, %zmm0
; CHECK-NEXT:    vpsrld $31, %zmm0, %zmm0
; CHECK-NEXT:    vcvtdq2pd %ymm0, %zmm1
; CHECK-NEXT:    vextracti64x4 $1, %zmm0, %ymm0
; CHECK-NEXT:    vcvtdq2pd %ymm0, %zmm0
; CHECK-NEXT:    vmovaps %zmm0, 64(%rdi)
; CHECK-NEXT:    vmovaps %zmm1, (%rdi)
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
 %mask = icmp slt <16 x i16> %a, zeroinitializer
 %1 = uitofp <16 x i1> %mask to <16 x double>
 store <16 x double> %1, <16 x double>* %res
 ret void
}

define <16 x i16> @test_16f32toub_256(<16 x float>* %ptr, <16 x i16> %passthru) "min-legal-vector-width"="256" {
; CHECK-LABEL: test_16f32toub_256:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vcvttps2dq (%rdi), %ymm1
; CHECK-NEXT:    vpslld $31, %ymm1, %ymm1
; CHECK-NEXT:    vpmovd2m %ymm1, %k0
; CHECK-NEXT:    vcvttps2dq 32(%rdi), %ymm1
; CHECK-NEXT:    vpslld $31, %ymm1, %ymm1
; CHECK-NEXT:    vpmovd2m %ymm1, %k1
; CHECK-NEXT:    kunpckbw %k0, %k1, %k1
; CHECK-NEXT:    vmovdqu16
 %ymm0, %ymm0 {%k1} {z}
; CHECK-NEXT:    retq
 %a = load <16 x float>, <16 x float>* %ptr
 %mask = fptoui <16 x float> %a to <16 x i1>
 %select = select <16 x i1> %mask, <16 x i16> %passthru, <16 x i16> zeroinitializer
 ret <16 x i16> %select
}

define <16 x i16> @test_16f32toub_512(<16 x float>* %ptr, <16 x i16> %passthru) "min-legal-vector-width"="512" {
```

```
; CHECK-LABEL: test_16f32toub_512:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vcvttps2dq (%rdi), %zmm1
; CHECK-NEXT:    vpslld $31, %zmm1, %zmm1
; CHECK-NEXT:    vpmovd2m %zmm1, %k1
; CHECK-NEXT:    vmovdqu16 %ymm0, %ymm0 {%k1} {z}
; CHECK-NEXT:    retq
 %a = load <16 x float>, <16 x float>* %ptr
 %mask = fptoui <16 x float> %a to <16 x i1>
 %select = select <16 x i1> %mask, <16 x i16> %passthru, <16 x i16> zeroinitializer
 ret <16 x i16> %select
}

define <16 x i16> @test_16f32tosb_256(<16 x float>* %ptr, <16 x i16> %passthru) "min-legal-vector-
width"="256" {
; CHECK-LABEL: test_16f32tosb_256:
; CHECK:       # %bb.0:
; CHECK-NEXT:
    vcvttps2dq (%rdi), %ymm1
; CHECK-NEXT:    vpmovd2m %ymm1, %k0
; CHECK-NEXT:    vcvttps2dq 32(%rdi), %ymm1
; CHECK-NEXT:    vpmovd2m %ymm1, %k1
; CHECK-NEXT:    kunpckbw %k0, %k1, %k1
; CHECK-NEXT:    vmovdqu16 %ymm0, %ymm0 {%k1} {z}
; CHECK-NEXT:    retq
 %a = load <16 x float>, <16 x float>* %ptr
 %mask = fptosi <16 x float> %a to <16 x i1>
 %select = select <16 x i1> %mask, <16 x i16> %passthru, <16 x i16> zeroinitializer
 ret <16 x i16> %select
}

define <16 x i16> @test_16f32tosb_512(<16 x float>* %ptr, <16 x i16> %passthru) "min-legal-vector-
width"="512" {
; CHECK-LABEL: test_16f32tosb_512:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vcvttps2dq (%rdi), %zmm1
; CHECK-NEXT:    vpmovd2m %zmm1, %k1
; CHECK-NEXT:    vmovdqu16 %ymm0, %ymm0 {%k1} {z}
; CHECK-NEXT:    retq
 %a = load <16 x float>, <16 x float>* %ptr
 %mask = fptosi <16 x float> %a to <16 x i1>
 %select = select <16 x i1> %mask, <16 x i16> %passthru, <16 x i16> zeroinitializer
 ret <16 x i16> %select
}

define
 dso_local void @mul256(<64 x i8>* %a, <64 x i8>* %b, <64 x i8>* %c) "min-legal-vector-width"="256" {
; CHECK-AVX512-LABEL: mul256:
```

```
; CHECK-AVX512:       # %bb.0:
; CHECK-AVX512-NEXT:    vmovdqa (%rdi), %ymm0
; CHECK-AVX512-NEXT:    vmovdqa 32(%rdi), %ymm1
; CHECK-AVX512-NEXT:    vmovdqa (%rsi), %ymm2
; CHECK-AVX512-NEXT:    vmovdqa 32(%rsi), %ymm3
; CHECK-AVX512-NEXT:    vpunpckhbw {{.*#+}} ymm4 =
ymm3[8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,24,24,25,25,26,26,27,27,28,28,29,29,30,30,31,31]
; CHECK-AVX512-NEXT:    vpunpckhbw {{.*#+}} ymm5 =
ymm1[8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,24,24,25,25,26,26,27,27,28,28,29,29,30,30,31,31]
; CHECK-AVX512-NEXT:    vpmullw %ymm4, %ymm5, %ymm4
; CHECK-AVX512-NEXT:    vmovdqa {{.*#+}} ymm5 =
[255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255]
; CHECK-AVX512-NEXT:    vpand %ymm5, %ymm4, %ymm4
; CHECK-AVX512-NEXT:    vpunpcklbw {{.*#+}} ymm3 =
ymm3[0,0,1,1,2,2,3,3,4,4,5,5,6,6,7,7,16,16,17,17,18,18,19,19,20,20,21,21,22,22,23,23]
;
 CHECK-AVX512-NEXT:    vpunpcklbw {{.*#+}} ymm1 =
ymm1[0,0,1,1,2,2,3,3,4,4,5,5,6,6,7,7,16,16,17,17,18,18,19,19,20,20,21,21,22,22,23,23]
; CHECK-AVX512-NEXT:    vpmullw %ymm3, %ymm1, %ymm1
; CHECK-AVX512-NEXT:    vpand %ymm5, %ymm1, %ymm1
; CHECK-AVX512-NEXT:    vpackuswb %ymm4, %ymm1, %ymm1
; CHECK-AVX512-NEXT:    vpunpckhbw {{.*#+}} ymm3 =
ymm2[8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,24,24,25,25,26,26,27,27,28,28,29,29,30,30,31,31]
; CHECK-AVX512-NEXT:    vpunpckhbw {{.*#+}} ymm4 =
ymm0[8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,24,24,25,25,26,26,27,27,28,28,29,29,30,30,31,31]
; CHECK-AVX512-NEXT:    vpmullw %ymm3, %ymm4, %ymm3
; CHECK-AVX512-NEXT:    vpand %ymm5, %ymm3, %ymm3
; CHECK-AVX512-NEXT:    vpunpcklbw {{.*#+}} ymm2 =
ymm2[0,0,1,1,2,2,3,3,4,4,5,5,6,6,7,7,16,16,17,17,18,18,19,19,20,20,21,21,22,22,23,23]
; CHECK-AVX512-NEXT:    vpunpcklbw {{.*#+}} ymm0 =
ymm0[0,0,1,1,2,2,3,3,4,4,5,5,6,6,7,7,16,16,17,17,18,18,19,19,20,20,21,21,22,22,23,23]
; CHECK-AVX512-NEXT:    vpmullw
 %ymm2, %ymm0, %ymm0
; CHECK-AVX512-NEXT:    vpand %ymm5, %ymm0, %ymm0
; CHECK-AVX512-NEXT:    vpackuswb %ymm3, %ymm0, %ymm0
; CHECK-AVX512-NEXT:    vmovdqa %ymm0, (%rdx)
; CHECK-AVX512-NEXT:    vmovdqa %ymm1, 32(%rdx)
; CHECK-AVX512-NEXT:    vzeroupper
; CHECK-AVX512-NEXT:    retq
;
; CHECK-VBMI-LABEL: mul256:
; CHECK-VBMI:       # %bb.0:
; CHECK-VBMI-NEXT:    vmovdqa (%rdi), %ymm0
; CHECK-VBMI-NEXT:    vmovdqa 32(%rdi), %ymm1
; CHECK-VBMI-NEXT:    vmovdqa (%rsi), %ymm2
; CHECK-VBMI-NEXT:    vmovdqa 32(%rsi), %ymm3
; CHECK-VBMI-NEXT:    vpunpckhbw {{.*#+}} ymm4 =
ymm3[8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,24,24,25,25,26,26,27,27,28,28,29,29,30,30,31,31]
```

```
; CHECK-VBMI-NEXT:    vpunpckhbw {{.*#+}} ymm5 =
ymm1[8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,24,24,25,25,26,26,27,27,28,28,29,29,30,30,31,31]
; CHECK-VBMI-NEXT:    vpmullw %ymm4, %ymm5, %ymm4
; CHECK-VBMI-NEXT:    vpunpcklbw {{.*#+}} ymm3 =
ymm3[0,0,1,1,2,2,3,3,4,4,5,5,6,6,7,7,16,16,17,17,18,18,19,19,20,20,21,21,22,22,23,23]
;
 CHECK-VBMI-NEXT:    vpunpcklbw {{.*#+}} ymm1 =
ymm1[0,0,1,1,2,2,3,3,4,4,5,5,6,6,7,7,16,16,17,17,18,18,19,19,20,20,21,21,22,22,23,23]
; CHECK-VBMI-NEXT:    vpmullw %ymm3, %ymm1, %ymm1
; CHECK-VBMI-NEXT:    vmovdqa {{.*#+}} ymm3 =
[0,2,4,6,8,10,12,14,32,34,36,38,40,42,44,46,16,18,20,22,24,26,28,30,48,50,52,54,56,58,60,62]
; CHECK-VBMI-NEXT:    vpermt2b %ymm4, %ymm3, %ymm1
; CHECK-VBMI-NEXT:    vpunpckhbw {{.*#+}} ymm4 =
ymm2[8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,24,24,25,25,26,26,27,27,28,28,29,29,30,30,31,31]
; CHECK-VBMI-NEXT:    vpunpckhbw {{.*#+}} ymm5 =
ymm0[8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,24,24,25,25,26,26,27,27,28,28,29,29,30,30,31,31]
; CHECK-VBMI-NEXT:    vpmullw %ymm4, %ymm5, %ymm4
; CHECK-VBMI-NEXT:    vpunpcklbw {{.*#+}} ymm2 =
ymm2[0,0,1,1,2,2,3,3,4,4,5,5,6,6,7,7,16,16,17,17,18,18,19,19,20,20,21,21,22,22,23,23]
; CHECK-VBMI-NEXT:    vpunpcklbw {{.*#+}} ymm0 =
ymm0[0,0,1,1,2,2,3,3,4,4,5,5,6,6,7,7,16,16,17,17,18,18,19,19,20,20,21,21,22,22,23,23]
; CHECK-VBMI-NEXT:
   vpmullw %ymm2, %ymm0, %ymm0
; CHECK-VBMI-NEXT:    vpermt2b %ymm4, %ymm3, %ymm0
; CHECK-VBMI-NEXT:    vmovdqa %ymm0, (%rdx)
; CHECK-VBMI-NEXT:    vmovdqa %ymm1, 32(%rdx)
; CHECK-VBMI-NEXT:    vzeroupper
; CHECK-VBMI-NEXT:    retq
 %d = load <64 x i8>, <64 x i8>* %a
 %e = load <64 x i8>, <64 x i8>* %b
 %f = mul <64 x i8> %d, %e
 store <64 x i8> %f, <64 x i8>* %c
 ret void
}

define dso_local void @mul512(<64 x i8>* %a, <64 x i8>* %b, <64 x i8>* %c) "min-legal-vector-width"="512" {
; CHECK-AVX512-LABEL: mul512:
; CHECK-AVX512:       # %bb.0:
; CHECK-AVX512-NEXT:    vmovdqa64 (%rdi), %zmm0
; CHECK-AVX512-NEXT:    vmovdqa64 (%rsi), %zmm1
; CHECK-AVX512-NEXT:    vpunpckhbw {{.*#+}} zmm2 =
zmm1[8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,24,24,25,25,26,26,27,27,28,28,29,29,30,30,31,31,40,40,41,41,4
2,42,43,43,44,44,45,45,46,46,47,47,56,56,57,57,58,58,59,59,60,60,61,61,62,62,63,63]
; CHECK-AVX512-NEXT:    vpunpckhbw {{.*#+}} zmm3 =
zmm0[8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,24,24,25,25,26,26,27,27,28,28,29,29,30,30,31,31,40,40,41,41,4
2,42,43,43,44,44,45,45,46,46,47,47,56,56,57,57,58,58,59,59,60,60,61,61,62,62,63,63]
;
```

```
 CHECK-AVX512-NEXT:    vpmullw %zmm2, %zmm3, %zmm2
; CHECK-AVX512-NEXT:    vmovdqa64 {{.*#+}} zmm3 =
[255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,255,2
55,255,255,255,255,255]
; CHECK-AVX512-NEXT:    vpandq %zmm3, %zmm2, %zmm2
; CHECK-AVX512-NEXT:    vpunpcklbw {{.*#+}} zmm1 =
zmm1[0,0,1,1,2,2,3,3,4,4,5,5,6,6,7,7,16,16,17,17,18,18,19,19,20,20,21,21,22,22,23,23,32,32,33,33,34,34,35,35,36,3
6,37,37,38,38,39,39,48,48,49,49,50,50,51,51,52,52,53,53,54,54,55,55]
; CHECK-AVX512-NEXT:    vpunpcklbw {{.*#+}} zmm0 =
zmm0[0,0,1,1,2,2,3,3,4,4,5,5,6,6,7,7,16,16,17,17,18,18,19,19,20,20,21,21,22,22,23,23,32,32,33,33,34,34,35,35,36,3
6,37,37,38,38,39,39,48,48,49,49,50,50,51,51,52,52,53,53,54,54,55,55]
; CHECK-AVX512-NEXT:    vpmullw %zmm1, %zmm0, %zmm0
; CHECK-AVX512-NEXT:    vpandq %zmm3, %zmm0,
 %zmm0
; CHECK-AVX512-NEXT:    vpackuswb %zmm2, %zmm0, %zmm0
; CHECK-AVX512-NEXT:    vmovdqa64 %zmm0, (%rdx)
; CHECK-AVX512-NEXT:    vzeroupper
; CHECK-AVX512-NEXT:    retq
;
; CHECK-VBMI-LABEL: mul512:
; CHECK-VBMI:       # %bb.0:
; CHECK-VBMI-NEXT:    vmovdqa64 (%rdi), %zmm0
; CHECK-VBMI-NEXT:    vmovdqa64 (%rsi), %zmm1
; CHECK-VBMI-NEXT:    vpunpckhbw {{.*#+}} zmm2 =
zmm1[8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,24,24,25,25,26,26,27,27,28,28,29,29,30,30,31,31,40,40,41,41,4
2,42,43,43,44,44,45,45,46,46,47,47,56,56,57,57,58,58,59,59,60,60,61,61,62,62,63,63]
; CHECK-VBMI-NEXT:    vpunpckhbw {{.*#+}} zmm3 =
zmm0[8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,24,24,25,25,26,26,27,27,28,28,29,29,30,30,31,31,40,40,41,41,4
2,42,43,43,44,44,45,45,46,46,47,47,56,56,57,57,58,58,59,59,60,60,61,61,62,62,63,63]
; CHECK-VBMI-NEXT:    vpmullw %zmm2, %zmm3, %zmm2
; CHECK-VBMI-NEXT:    vpunpcklbw {{.*#+}} zmm1 =
zmm1[0,0,1,1,2,2,3,3,4,4,5,5,6,6,7,7,16,16,17,17,18,18,19,19,20,20,21,21,22,22,23,23,32,32,33,33,34,34,35,35,36,3
6,37,37,38,38,39,39,48,48,49,49,50,50,51,51,52,52,53,53,54,54,55,55]
;
 CHECK-VBMI-NEXT:    vpunpcklbw {{.*#+}} zmm0 =
zmm0[0,0,1,1,2,2,3,3,4,4,5,5,6,6,7,7,16,16,17,17,18,18,19,19,20,20,21,21,22,22,23,23,32,32,33,33,34,34,35,35,36,3
6,37,37,38,38,39,39,48,48,49,49,50,50,51,51,52,52,53,53,54,54,55,55]
; CHECK-VBMI-NEXT:    vpmullw %zmm1, %zmm0, %zmm0
; CHECK-VBMI-NEXT:    vmovdqa64 {{.*#+}} zmm1 =
[0,2,4,6,8,10,12,14,64,66,68,70,72,74,76,78,16,18,20,22,24,26,28,30,80,82,84,86,88,90,92,94,32,34,36,38,40,42,44,
46,96,98,100,102,104,106,108,110,48,50,52,54,56,58,60,62,112,114,116,118,120,122,124,126]
; CHECK-VBMI-NEXT:    vpermi2b %zmm2, %zmm0, %zmm1
; CHECK-VBMI-NEXT:    vmovdqa64 %zmm1, (%rdx)
; CHECK-VBMI-NEXT:    vzeroupper
; CHECK-VBMI-NEXT:    retq
 %d = load <64 x i8>, <64 x i8>* %a
 %e = load <64 x i8>, <64 x i8>* %b
 %f = mul <64 x i8> %d, %e
```

```
 store <64 x i8> %f, <64 x i8>* %c
 ret void
}

; This threw an assertion at one point.
define <4 x i32> @mload_v4i32(<4
 x i32> %trigger, <4 x i32>* %addr, <4 x i32> %dst) "min-legal-vector-width"="256" {
; CHECK-LABEL: mload_v4i32:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vptestnmd %xmm0, %xmm0, %k1
; CHECK-NEXT:    vpblendmd (%rdi), %xmm1, %xmm0 {%k1}
; CHECK-NEXT:    retq
 %mask = icmp eq <4 x i32> %trigger, zeroinitializer
 %res = call <4 x i32> @llvm.masked.load.v4i32.p0v4i32(<4 x i32>* %addr, i32 4, <4 x i1> %mask, <4 x i32>
%dst)
 ret <4 x i32> %res
}
declare <4 x i32> @llvm.masked.load.v4i32.p0v4i32(<4 x i32>*, i32, <4 x i1>, <4 x i32>)

define <16 x i32> @trunc_v16i64_v16i32(<16 x i64>* %x) nounwind "min-legal-vector-width"="256" {
; CHECK-LABEL: trunc_v16i64_v16i32:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vmovdqa (%rdi), %ymm0
; CHECK-NEXT:    vmovdqa 32(%rdi), %ymm1
; CHECK-NEXT:    vmovdqa 64(%rdi), %ymm2
; CHECK-NEXT:    vmovdqa 96(%rdi), %ymm3
; CHECK-NEXT:    vpmovqd %ymm0, %xmm0
; CHECK-NEXT:    vpmovqd %ymm1, %xmm1
; CHECK-NEXT:    vinserti128 $1, %xmm1, %ymm0, %ymm0
; CHECK-NEXT:
    vpmovqd %ymm2, %xmm1
; CHECK-NEXT:    vpmovqd %ymm3, %xmm2
; CHECK-NEXT:    vinserti128 $1, %xmm2, %ymm1, %ymm1
; CHECK-NEXT:    retq
 %a = load <16 x i64>, <16 x i64>* %x
 %b = trunc <16 x i64> %a to <16 x i32>
 ret <16 x i32> %b
}

define <16 x i8> @trunc_v16i64_v16i8(<16 x i64>* %x) nounwind "min-legal-vector-width"="256" {
; CHECK-LABEL: trunc_v16i64_v16i8:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vmovdqa (%rdi), %ymm0
; CHECK-NEXT:    vmovdqa 32(%rdi), %ymm1
; CHECK-NEXT:    vmovdqa 64(%rdi), %ymm2
; CHECK-NEXT:    vmovdqa 96(%rdi), %ymm3
; CHECK-NEXT:    vpmovqb %ymm3, %xmm3
; CHECK-NEXT:    vpmovqb %ymm2, %xmm2
```

```
; CHECK-NEXT:    vpunpckldq {{.*#+}} xmm2 = xmm2[0],xmm3[0],xmm2[1],xmm3[1]
; CHECK-NEXT:    vpmovqb %ymm1, %xmm1
; CHECK-NEXT:    vpmovqb %ymm0, %xmm0
; CHECK-NEXT:    vpunpckldq {{.*#+}} xmm0 = xmm0[0],xmm1[0],xmm0[1],xmm1[1]
; CHECK-NEXT:    vpunpcklqdq {{.*#+}} xmm0 = xmm0[0],xmm2[0]
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
 %a = load <16 x i64>, <16
 x i64>* %x
 %b = trunc <16 x i64> %a to <16 x i8>
 ret <16 x i8> %b
}

define <16 x i8> @trunc_v16i32_v16i8(<16 x i32>* %x) nounwind "min-legal-vector-width"="256" {
; CHECK-LABEL: trunc_v16i32_v16i8:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vmovdqa (%rdi), %ymm0
; CHECK-NEXT:    vmovdqa 32(%rdi), %ymm1
; CHECK-NEXT:    vpmovdb %ymm1, %xmm1
; CHECK-NEXT:    vpmovdb %ymm0, %xmm0
; CHECK-NEXT:    vpunpcklqdq {{.*#+}} xmm0 = xmm0[0],xmm1[0]
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
 %a = load <16 x i32>, <16 x i32>* %x
 %b = trunc <16 x i32> %a to <16 x i8>
 ret <16 x i8> %b
}

define <8 x i8> @trunc_v8i64_v8i8(<8 x i64>* %x) nounwind "min-legal-vector-width"="256" {
; CHECK-LABEL: trunc_v8i64_v8i8:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vmovdqa (%rdi), %ymm0
; CHECK-NEXT:    vmovdqa 32(%rdi), %ymm1
; CHECK-NEXT:    vpmovqb %ymm1, %xmm1
; CHECK-NEXT:    vpmovqb %ymm0, %xmm0
; CHECK-NEXT:    vpunpckldq {{.*#+}} xmm0 = xmm0[0],xmm1[0],xmm0[1],xmm1[1]
; CHECK-NEXT:    vzeroupper
;
 CHECK-NEXT:    retq
 %a = load <8 x i64>, <8 x i64>* %x
 %b = trunc <8 x i64> %a to <8 x i8>
 ret <8 x i8> %b
}

define <8 x i16> @trunc_v8i64_v8i16(<8 x i64>* %x) nounwind "min-legal-vector-width"="256" {
; CHECK-LABEL: trunc_v8i64_v8i16:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vmovdqa (%rdi), %ymm0
```

```
; CHECK-NEXT:    vmovdqa 32(%rdi), %ymm1
; CHECK-NEXT:    vpmovqw %ymm1, %xmm1
; CHECK-NEXT:    vpmovqw %ymm0, %xmm0
; CHECK-NEXT:    vpunpcklqdq {{.*#+}} xmm0 = xmm0[0],xmm1[0]
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
 %a = load <8 x i64>, <8 x i64>* %x
 %b = trunc <8 x i64> %a to <8 x i16>
 ret <8 x i16> %b
}

define <8 x i32> @trunc_v8i64_v8i32_zeroes(<8 x i64>* %x) nounwind "min-legal-vector-width"="256" {
; CHECK-LABEL: trunc_v8i64_v8i32_zeroes:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vpsrlq $48, 32(%rdi), %ymm0
; CHECK-NEXT:    vpsrlq $48, (%rdi), %ymm1
; CHECK-NEXT:    vpackusdw %ymm0, %ymm1, %ymm0
; CHECK-NEXT:    vpermq {{.*#+}} ymm0 = ymm0[0,2,1,3]
; CHECK-NEXT:
   retq
 %a = load <8 x i64>, <8 x i64>* %x
 %b = lshr <8 x i64> %a, <i64 48, i64 48, i64 48, i64 48, i64 48, i64 48, i64 48, i64 48>
 %c = trunc <8 x i64> %b to <8 x i32>
 ret <8 x i32> %c
}

define <16 x i16> @trunc_v16i32_v16i16_zeroes(<16 x i32>* %x) nounwind "min-legal-vector-width"="256" {
; CHECK-LABEL: trunc_v16i32_v16i16_zeroes:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vmovdqa (%rdi), %ymm1
; CHECK-NEXT:    vmovdqa {{.*#+}} ymm0 = [1,3,5,7,9,11,13,15,17,19,21,23,25,27,29,31]
; CHECK-NEXT:    vpermi2w 32(%rdi), %ymm1, %ymm0
; CHECK-NEXT:    retq
 %a = load <16 x i32>, <16 x i32>* %x
 %b = lshr <16 x i32> %a, <i32 16, i32 16, i32 16, i32 16, i32 16, i32 16, i32 16, i32 16, i32 16, i32 16, i32 16, i32
16, i32 16, i32 16, i32 16, i32 16>
 %c = trunc <16 x i32> %b to <16 x i16>
 ret <16 x i16> %c
}

define <32 x i8> @trunc_v32i16_v32i8_zeroes(<32 x i16>* %x) nounwind "min-legal-vector-width"="256" {
; CHECK-AVX512-LABEL: trunc_v32i16_v32i8_zeroes:
; CHECK-AVX512:
   # %bb.0:
; CHECK-AVX512-NEXT:    vpsrlw $8, 32(%rdi), %ymm0
; CHECK-AVX512-NEXT:    vpsrlw $8, (%rdi), %ymm1
; CHECK-AVX512-NEXT:    vpackuswb %ymm0, %ymm1, %ymm0
; CHECK-AVX512-NEXT:    vpermq {{.*#+}} ymm0 = ymm0[0,2,1,3]
```

```
; CHECK-AVX512-NEXT:    retq
;
; CHECK-VBMI-LABEL: trunc_v32i16_v32i8_zeroes:
; CHECK-VBMI:       # %bb.0:
; CHECK-VBMI-NEXT:    vmovdqa (%rdi), %ymm1
; CHECK-VBMI-NEXT:    vmovdqa {{.*#+}} ymm0 =
[1,3,5,7,9,11,13,15,17,19,21,23,25,27,29,31,33,35,37,39,41,43,45,47,49,51,53,55,57,59,61,63]
; CHECK-VBMI-NEXT:    vpermi2b 32(%rdi), %ymm1, %ymm0
; CHECK-VBMI-NEXT:    retq
 %a = load <32 x i16>, <32 x i16>* %x
 %b = lshr <32 x i16> %a, <i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8,
i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8>
 %c = trunc <32 x i16> %b to <32 x i8>
 ret <32 x i8> %c
}

define <8 x i32> @trunc_v8i64_v8i32_sign(<8 x i64>*
 %x) nounwind "min-legal-vector-width"="256" {
; CHECK-LABEL: trunc_v8i64_v8i32_sign:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vpsraq $48, 32(%rdi), %ymm0
; CHECK-NEXT:    vpsraq $48, (%rdi), %ymm1
; CHECK-NEXT:    vpmovqd %ymm1, %xmm1
; CHECK-NEXT:    vpmovqd %ymm0, %xmm0
; CHECK-NEXT:    vinserti128 $1, %xmm0, %ymm1, %ymm0
; CHECK-NEXT:    retq
 %a = load <8 x i64>, <8 x i64>* %x
 %b = ashr <8 x i64> %a, <i64 48, i64 48, i64 48, i64 48, i64 48, i64 48, i64 48, i64 48>
 %c = trunc <8 x i64> %b to <8 x i32>
 ret <8 x i32> %c
}

define <16 x i16> @trunc_v16i32_v16i16_sign(<16 x i32>* %x) nounwind "min-legal-vector-width"="256" {
; CHECK-LABEL: trunc_v16i32_v16i16_sign:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vmovdqa (%rdi), %ymm1
; CHECK-NEXT:    vmovdqa {{.*#+}} ymm0 = [1,3,5,7,9,11,13,15,17,19,21,23,25,27,29,31]
; CHECK-NEXT:    vpermi2w 32(%rdi), %ymm1, %ymm0
; CHECK-NEXT:    retq
 %a = load <16 x i32>, <16 x i32>* %x
 %b = ashr <16 x i32> %a, <i32 16, i32 16, i32 16, i32 16,
 i32 16, i32 16, i32 16, i32 16, i32 16, i32 16, i32 16, i32 16, i32 16, i32 16, i32 16, i32 16>
 %c = trunc <16 x i32> %b to <16 x i16>
 ret <16 x i16> %c
}

define <32 x i8> @trunc_v32i16_v32i8_sign(<32 x i16>* %x) nounwind "min-legal-vector-width"="256" {
; CHECK-AVX512-LABEL: trunc_v32i16_v32i8_sign:
```

```
; CHECK-AVX512:       # %bb.0:
; CHECK-AVX512-NEXT:    vpsrlw $8, 32(%rdi), %ymm0
; CHECK-AVX512-NEXT:    vpsrlw $8, (%rdi), %ymm1
; CHECK-AVX512-NEXT:    vpackuswb %ymm0, %ymm1, %ymm0
; CHECK-AVX512-NEXT:    vpermq {{.*#+}} ymm0 = ymm0[0,2,1,3]
; CHECK-AVX512-NEXT:    retq
;
; CHECK-VBMI-LABEL: trunc_v32i16_v32i8_sign:
; CHECK-VBMI:       # %bb.0:
; CHECK-VBMI-NEXT:    vmovdqa (%rdi), %ymm1
; CHECK-VBMI-NEXT:    vmovdqa {{.*#+}} ymm0 =
[1,3,5,7,9,11,13,15,17,19,21,23,25,27,29,31,33,35,37,39,41,43,45,47,49,51,53,55,57,59,61,63]
; CHECK-VBMI-NEXT:    vpermi2b 32(%rdi), %ymm1, %ymm0
; CHECK-VBMI-NEXT:    retq
 %a = load <32 x i16>, <32 x i16>* %x
 %b = ashr <32 x i16> %a, <i16 8, i16
 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8,
i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8, i16 8>
 %c = trunc <32 x i16> %b to <32 x i8>
 ret <32 x i8> %c
}

define dso_local void @zext_v16i8_v16i64(<16 x i8> %x, <16 x i64>* %y) nounwind "min-legal-vector-
width"="256" {
; CHECK-LABEL: zext_v16i8_v16i64:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vpmovzxbw {{.*#+}} ymm1 =
xmm0[0],zero,xmm0[1],zero,xmm0[2],zero,xmm0[3],zero,xmm0[4],zero,xmm0[5],zero,xmm0[6],zero,xmm0[7],zer
o,xmm0[8],zero,xmm0[9],zero,xmm0[10],zero,xmm0[11],zero,xmm0[12],zero,xmm0[13],zero,xmm0[14],zero,xm
m0[15],zero
; CHECK-NEXT:    vpshufd {{.*#+}} xmm2 = xmm1[2,3,2,3]
; CHECK-NEXT:    vpmovzxwq {{.*#+}} ymm2 =
xmm2[0],zero,zero,zero,xmm2[1],zero,zero,zero,xmm2[2],zero,zero,zero,xmm2[3],zero,zero,zero
; CHECK-NEXT:    vextracti128 $1, %ymm1, %xmm1
; CHECK-NEXT:    vpshufd {{.*#+}} xmm3 = xmm1[2,3,2,3]
; CHECK-NEXT:
    vpmovzxwq {{.*#+}} ymm3 =
xmm3[0],zero,zero,zero,xmm3[1],zero,zero,zero,xmm3[2],zero,zero,zero,xmm3[3],zero,zero,zero
; CHECK-NEXT:    vpmovzxwq {{.*#+}} ymm1 =
xmm1[0],zero,zero,zero,xmm1[1],zero,zero,zero,xmm1[2],zero,zero,zero,xmm1[3],zero,zero,zero
; CHECK-NEXT:    vpmovzxbq {{.*#+}} ymm0 =
xmm0[0],zero,zero,zero,zero,zero,zero,zero,xmm0[1],zero,zero,zero,zero,zero,zero,zero,xmm0[2],zero,zero,zero,zer
o,zero,zero,zero,xmm0[3],zero,zero,zero,zero,zero,zero,zero
; CHECK-NEXT:    vmovdqa %ymm0, (%rdi)
; CHECK-NEXT:    vmovdqa %ymm1, 64(%rdi)
; CHECK-NEXT:    vmovdqa %ymm3, 96(%rdi)
; CHECK-NEXT:    vmovdqa %ymm2, 32(%rdi)
; CHECK-NEXT:    vzeroupper
```

```
; CHECK-NEXT:    retq
 %a = zext <16 x i8> %x to <16 x i64>
 store <16 x i64> %a, <16 x i64>* %y
 ret void
}

define dso_local void @sext_v16i8_v16i64(<16 x i8> %x, <16 x i64>* %y) nounwind "min-legal-vector-
width"="256" {
; CHECK-LABEL: sext_v16i8_v16i64:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vpmovsxbw %xmm0, %ymm1
; CHECK-NEXT:
    vpshufd {{.*#+}} xmm2 = xmm1[2,3,2,3]
; CHECK-NEXT:    vpmovsxwq %xmm2, %ymm2
; CHECK-NEXT:    vextracti128 $1, %ymm1, %xmm1
; CHECK-NEXT:    vpshufd {{.*#+}} xmm3 = xmm1[2,3,2,3]
; CHECK-NEXT:    vpmovsxwq %xmm3, %ymm3
; CHECK-NEXT:    vpmovsxwq %xmm1, %ymm1
; CHECK-NEXT:    vpmovsxbq %xmm0, %ymm0
; CHECK-NEXT:    vmovdqa %ymm0, (%rdi)
; CHECK-NEXT:    vmovdqa %ymm1, 64(%rdi)
; CHECK-NEXT:    vmovdqa %ymm3, 96(%rdi)
; CHECK-NEXT:    vmovdqa %ymm2, 32(%rdi)
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
 %a = sext <16 x i8> %x to <16 x i64>
 store <16 x i64> %a, <16 x i64>* %y
 ret void
}

define dso_local void @vselect_split_v8i16_setcc(<8 x i16> %s, <8 x i16> %t, <8 x i64>* %p, <8 x i64>* %q, <8
x i64>* %r) "min-legal-vector-width"="256" {
; CHECK-LABEL: vselect_split_v8i16_setcc:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vmovdqa (%rsi), %ymm2
; CHECK-NEXT:    vmovdqa 32(%rsi), %ymm3
; CHECK-NEXT:    vpcmpeqw %xmm1, %xmm0, %k1
; CHECK-NEXT:    kshiftrb $4, %k1, %k2
;
 CHECK-NEXT:    vmovdqa64 32(%rdi), %ymm3 {%k2}
; CHECK-NEXT:    vmovdqa64 (%rdi), %ymm2 {%k1}
; CHECK-NEXT:    vmovdqa %ymm2, (%rdx)
; CHECK-NEXT:    vmovdqa %ymm3, 32(%rdx)
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
 %x = load <8 x i64>, <8 x i64>* %p
 %y = load <8 x i64>, <8 x i64>* %q
 %a = icmp eq <8 x i16> %s, %t
```

```
 %b = select <8 x i1> %a, <8 x i64> %x, <8 x i64> %y
 store <8 x i64> %b, <8 x i64>* %r
 ret void
}

define dso_local void @vselect_split_v8i32_setcc(<8 x i32> %s, <8 x i32> %t, <8 x i64>* %p, <8 x i64>* %q, <8
x i64>* %r) "min-legal-vector-width"="256" {
; CHECK-LABEL: vselect_split_v8i32_setcc:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vmovdqa (%rsi), %ymm2
; CHECK-NEXT:    vmovdqa 32(%rsi), %ymm3
; CHECK-NEXT:    vpcmpeqd %ymm1, %ymm0, %k1
; CHECK-NEXT:    kshiftrb $4, %k1, %k2
; CHECK-NEXT:    vmovdqa64 32(%rdi), %ymm3 {%k2}
; CHECK-NEXT:    vmovdqa64 (%rdi), %ymm2 {%k1}
; CHECK-NEXT:    vmovdqa %ymm2, (%rdx)
; CHECK-NEXT:    vmovdqa %ymm3, 32(%rdx)
; CHECK-NEXT:
    vzeroupper
; CHECK-NEXT:    retq
 %x = load <8 x i64>, <8 x i64>* %p
 %y = load <8 x i64>, <8 x i64>* %q
 %a = icmp eq <8 x i32> %s, %t
 %b = select <8 x i1> %a, <8 x i64> %x, <8 x i64> %y
 store <8 x i64> %b, <8 x i64>* %r
 ret void
}

define dso_local void @vselect_split_v16i8_setcc(<16 x i8> %s, <16 x i8> %t, <16 x i32>* %p, <16 x i32>* %q,
<16 x i32>* %r) "min-legal-vector-width"="256" {
; CHECK-LABEL: vselect_split_v16i8_setcc:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vmovdqa (%rsi), %ymm2
; CHECK-NEXT:    vmovdqa 32(%rsi), %ymm3
; CHECK-NEXT:    vpcmpeqb %xmm1, %xmm0, %k1
; CHECK-NEXT:    kshiftrw $8, %k1, %k2
; CHECK-NEXT:    vmovdqa32 32(%rdi), %ymm3 {%k2}
; CHECK-NEXT:    vmovdqa32 (%rdi), %ymm2 {%k1}
; CHECK-NEXT:    vmovdqa %ymm2, (%rdx)
; CHECK-NEXT:    vmovdqa %ymm3, 32(%rdx)
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
 %x = load <16 x i32>, <16 x i32>* %p
 %y = load <16 x i32>, <16 x i32>* %q
 %a = icmp eq <16 x i8> %s, %t
 %b = select <16 x i1>
 %a, <16 x i32> %x, <16 x i32> %y
 store <16 x i32> %b, <16 x i32>* %r
```

```
 ret void
}

define dso_local void @vselect_split_v16i16_setcc(<16 x i16> %s, <16 x i16> %t, <16 x i32>* %p, <16 x i32>*
%q, <16 x i32>* %r) "min-legal-vector-width"="256" {
; CHECK-LABEL: vselect_split_v16i16_setcc:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vmovdqa (%rsi), %ymm2
; CHECK-NEXT:    vmovdqa 32(%rsi), %ymm3
; CHECK-NEXT:    vpcmpeqw %ymm1, %ymm0, %k1
; CHECK-NEXT:    kshiftrw $8, %k1, %k2
; CHECK-NEXT:    vmovdqa32 32(%rdi), %ymm3 {%k2}
; CHECK-NEXT:    vmovdqa32 (%rdi), %ymm2 {%k1}
; CHECK-NEXT:    vmovdqa %ymm2, (%rdx)
; CHECK-NEXT:    vmovdqa %ymm3, 32(%rdx)
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
 %x = load <16 x i32>, <16 x i32>* %p
 %y = load <16 x i32>, <16 x i32>* %q
 %a = icmp eq <16 x i16> %s, %t
 %b = select <16 x i1> %a, <16 x i32> %x, <16 x i32> %y
 store <16 x i32> %b, <16 x i32>* %r
 ret void
}

define <16 x i8> @trunc_packus_v16i32_v16i8(<16 x i32>* %p) "min-legal-vector-width"="256"
 {
; CHECK-LABEL: trunc_packus_v16i32_v16i8:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vmovdqa (%rdi), %ymm0
; CHECK-NEXT:    vpackusdw 32(%rdi), %ymm0, %ymm0
; CHECK-NEXT:    vpermq {{.*#+}} ymm0 = ymm0[0,2,1,3]
; CHECK-NEXT:    vpmovuswb %ymm0, %xmm0
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
 %a = load <16 x i32>, <16 x i32>* %p
 %b = icmp slt <16 x i32> %a, <i32 255, i32 255, i32 255, i32 255, i32 255, i32 255, i32 255, i32 255, i32 255, i32
255, i32 255, i32 255, i32 255, i32 255, i32 255, i32 255>
 %c = select <16 x i1> %b, <16 x i32> %a, <16 x i32> <i32 255, i32 255, i32 255, i32 255, i32 255, i32 255, i32
255, i32 255, i32 255, i32 255, i32 255, i32 255, i32 255, i32 255, i32 255, i32 255>
 %d = icmp sgt <16 x i32> %c, zeroinitializer
 %e = select <16 x i1> %d, <16 x i32> %c, <16 x i32> zeroinitializer
 %f = trunc <16 x i32> %e to <16 x i8>
 ret <16 x i8> %f
}

define dso_local void @trunc_packus_v16i32_v16i8_store(<16 x i32>* %p, <16 x i8>* %q) "min-legal-vector-
width"="256"
```

```
 {
; CHECK-LABEL: trunc_packus_v16i32_v16i8_store:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vmovdqa (%rdi), %ymm0
; CHECK-NEXT:    vpackusdw 32(%rdi), %ymm0, %ymm0
; CHECK-NEXT:    vpermq {{.*#+}} ymm0 = ymm0[0,2,1,3]
; CHECK-NEXT:    vpmovuswb %ymm0, (%rsi)
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
 %a = load <16 x i32>, <16 x i32>* %p
 %b = icmp slt <16 x i32> %a, <i32 255, i32 255, i32 255, i32 255, i32 255, i32 255, i32 255, i32 255, i32 255, i32
255, i32 255, i32 255, i32 255, i32 255, i32 255, i32 255>
 %c = select <16 x i1> %b, <16 x i32> %a, <16 x i32> <i32 255, i32 255, i32 255, i32 255, i32 255, i32 255, i32
255, i32 255, i32 255, i32 255, i32 255, i32 255, i32 255, i32 255, i32 255, i32 255>
 %d = icmp sgt <16 x i32> %c, zeroinitializer
 %e = select <16 x i1> %d, <16 x i32> %c, <16 x i32> zeroinitializer
 %f = trunc <16 x i32> %e to <16 x i8>
 store <16 x i8> %f, <16 x i8>* %q
 ret void
}

define <64 x i1> @v64i1_argument_return(<64 x
 i1> %x) "min-legal-vector-width"="256" {
; CHECK-LABEL: v64i1_argument_return:
; CHECK:       # %bb.0:
; CHECK-NEXT:    retq
 ret <64 x i1> %x
}

define dso_local void @v64i1_shuffle(<64 x i8>* %x, <64 x i8>* %y) "min-legal-vector-width"="256" {
; CHECK-LABEL: v64i1_shuffle:
; CHECK:       # %bb.0: # %entry
; CHECK-NEXT:    vmovdqa (%rdi), %ymm1
; CHECK-NEXT:    vmovdqa 32(%rdi), %ymm0
; CHECK-NEXT:    vptestnmb %ymm1, %ymm1, %k0
; CHECK-NEXT:    kshiftrd $1, %k0, %k1
; CHECK-NEXT:    movq $-3, %rax
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:    kshiftlq $63, %k0, %k2
; CHECK-NEXT:    kshiftrq $62, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:    movq $-5, %rax
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:    kshiftrd $3, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $61, %k2, %k2
```

```
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:    movq $-9, %rax
; CHECK-NEXT:    kmovq
 %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:    kshiftrd $2, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $60, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:    movq $-17, %rax
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:    kshiftrd $5, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $59, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:    movq $-33, %rax
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:    kshiftrd $4, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $58, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:    movq $-65, %rax
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:    kshiftrd $7, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $57, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:    movq
 $-129, %rax
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:    kshiftrd $6, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $56, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:    movq $-257, %rax # imm = 0xFEFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:    kshiftrd $9, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $55, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:    movq $-513, %rax # imm = 0xFDFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
```

```
; CHECK-NEXT:    kshiftrd $8, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $54, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:    movq $-1025, %rax # imm = 0xFBFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:    kshiftrd $11, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:
   kshiftrq $53, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:    movq $-2049, %rax # imm = 0xF7FF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:    kshiftrd $10, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $52, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:    movq $-4097, %rax # imm = 0xEFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:    kshiftrd $13, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $51, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:    movq $-8193, %rax # imm = 0xDFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:    kshiftrd $12, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $50, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:    movq $-16385, %rax # imm = 0xBFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2,
 %k1, %k1
; CHECK-NEXT:    kshiftrd $15, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $49, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:    movq $-32769, %rax # imm = 0xFFFF7FFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:    kshiftrd $14, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $48, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
```

```
; CHECK-NEXT:    movq $-65537, %rax # imm = 0xFFFEFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:    kshiftrd $17, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $47, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:    movq $-131073, %rax # imm = 0xFFFDFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:    kshiftrd $16, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $46, %k2, %k2
; CHECK-NEXT:    korq %k2,
 %k1, %k1
; CHECK-NEXT:    movq $-262145, %rax # imm = 0xFFFBFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:    kshiftrd $19, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $45, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:    movq $-524289, %rax # imm = 0xFFF7FFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:    kshiftrd $18, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $44, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:    movq $-1048577, %rax # imm = 0xFFEFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:    kshiftrd $21, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $43, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:    movq $-2097153, %rax # imm = 0xFFDFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:
   kshiftrd $20, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $42, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:    movq $-4194305, %rax # imm = 0xFFBFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:    kshiftrd $23, %k0, %k2
```

```
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $41, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:    movq $-8388609, %rax # imm = 0xFF7FFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:    kshiftrd $22, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $40, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:    movq $-16777217, %rax # imm = 0xFEFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:    kshiftrd $25, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $39, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:
   movq $-33554433, %rax # imm = 0xFDFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:    kshiftrd $24, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $38, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:    movq $-67108865, %rax # imm = 0xFBFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:    kshiftrd $27, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $37, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:    movq $-134217729, %rax # imm = 0xF7FFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:    kshiftrd $26, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $36, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:    movq $-268435457, %rax # imm = 0xEFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:    kshiftrd
 $29, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $35, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:    movq $-536870913, %rax # imm = 0xDFFFFFFF
```

```
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:    kshiftrd $28, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $34, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:    movq $-1073741825, %rax # imm = 0xBFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k1
; CHECK-NEXT:    kshiftrd $31, %k0, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $33, %k2, %k2
; CHECK-NEXT:    korq %k2, %k1, %k1
; CHECK-NEXT:    movabsq $-2147483649, %rax # imm = 0xFFFFFFFF7FFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k1, %k2
; CHECK-NEXT:    vptestnmb %ymm0, %ymm0, %k1
; CHECK-NEXT:    kshiftrd $30, %k0, %k0
; CHECK-NEXT:    kshiftlq $63, %k0, %k0
; CHECK-NEXT:    kshiftrq $32, %k0,
 %k0
; CHECK-NEXT:    korq %k0, %k2, %k0
; CHECK-NEXT:    movabsq $-4294967297, %rax # imm = 0xFFFFFFFEFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $1, %k1, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $31, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-8589934593, %rax # imm = 0xFFFFFFFDFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftlq $63, %k1, %k2
; CHECK-NEXT:    kshiftrq $30, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-17179869185, %rax # imm = 0xFFFFFFFBFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $3, %k1, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $29, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-34359738369, %rax # imm = 0xFFFFFFF7FFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
;
 CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $2, %k1, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
```

```
; CHECK-NEXT:    kshiftrq $28, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-68719476737, %rax # imm = 0xFFFFFFEFFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $5, %k1, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $27, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-137438953473, %rax # imm = 0xFFFFFFDFFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $4, %k1, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $26, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-274877906945, %rax # imm = 0xFFFFFFBFFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $7, %k1, %k2
; CHECK-NEXT:    kshiftlq $63, %k2,
 %k2
; CHECK-NEXT:    kshiftrq $25, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-549755813889, %rax # imm = 0xFFFFFF7FFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $6, %k1, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $24, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-1099511627777, %rax # imm = 0xFFFFFEFFFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $9, %k1, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $23, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-2199023255553, %rax # imm = 0xFFFFFDFFFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $8, %k1, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $22, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq
 $-4398046511105, %rax # imm = 0xFFFFFBFFFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
```

```
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $11, %k1, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $21, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-8796093022209, %rax # imm = 0xFFFFF7FFFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $10, %k1, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $20, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-17592186044417, %rax # imm = 0xFFFFEFFFFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $13, %k1, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $19, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-35184372088833, %rax # imm = 0xFFFFDFFFFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:
   kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $12, %k1, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $18, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-70368744177665, %rax # imm = 0xFFFFBFFFFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $15, %k1, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $17, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-140737488355329, %rax # imm = 0xFFFF7FFFFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $14, %k1, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $16, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-281474976710657, %rax # imm = 0xFFFEFFFFFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $17, %k1, %k2
; CHECK-NEXT:    kshiftlq $63,
 %k2, %k2
; CHECK-NEXT:    kshiftrq $15, %k2, %k2
```

```
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-562949953421313, %rax # imm = 0xFFFDFFFFFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $16, %k1, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $14, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-1125899906842625, %rax # imm = 0xFFFBFFFFFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $19, %k1, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $13, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-2251799813685249, %rax # imm = 0xFFF7FFFFFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $18, %k1, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $12, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:
   movabsq $-4503599627370497, %rax # imm = 0xFFEFFFFFFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $21, %k1, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $11, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-9007199254740993, %rax # imm = 0xFFDFFFFFFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $20, %k1, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $10, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-18014398509481985, %rax # imm = 0xFFBFFFFFFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $23, %k1, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $9, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-36028797018963969, %rax # imm = 0xFF7FFFFFFFFFFFFF
; CHECK-NEXT:    kmovq
 %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
```

```
; CHECK-NEXT:    kshiftrd $22, %k1, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $8, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-72057594037927937, %rax # imm = 0xFEFFFFFFFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $25, %k1, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $7, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-144115188075855873, %rax # imm = 0xFDFFFFFFFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $24, %k1, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $6, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-288230376151711745, %rax # imm = 0xFBFFFFFFFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $27, %k1, %k2
;
 CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $5, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-576460752303423489, %rax # imm = 0xF7FFFFFFFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $26, %k1, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $4, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-1152921504606846977, %rax # imm = 0xEFFFFFFFFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $29, %k1, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $3, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-2305843009213693953, %rax # imm = 0xDFFFFFFFFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $28, %k1, %k2
; CHECK-NEXT:    kshiftlq $63, %k2, %k2
; CHECK-NEXT:    kshiftrq $2, %k2, %k2
; CHECK-NEXT:
```

```
    korq %k2, %k0, %k0
; CHECK-NEXT:    movabsq $-4611686018427387905, %rax # imm = 0xBFFFFFFFFFFFFFFF
; CHECK-NEXT:    kmovq %rax, %k2
; CHECK-NEXT:    kandq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $31, %k1, %k2
; CHECK-NEXT:    kshiftlq $62, %k2, %k2
; CHECK-NEXT:    korq %k2, %k0, %k0
; CHECK-NEXT:    kshiftrd $30, %k1, %k1
; CHECK-NEXT:    kshiftlq $1, %k0, %k0
; CHECK-NEXT:    kshiftrq $1, %k0, %k0
; CHECK-NEXT:    kshiftlq $63, %k1, %k1
; CHECK-NEXT:    korq %k1, %k0, %k1
; CHECK-NEXT:    vmovdqu8 %ymm1, (%rsi) {%k1}
; CHECK-NEXT:    kshiftrq $32, %k1, %k1
; CHECK-NEXT:    vmovdqu8 %ymm0, 32(%rsi) {%k1}
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
entry:
 %a = load <64 x i8>, <64 x i8>* %x
 %b = icmp eq <64 x i8> %a, zeroinitializer
 %shuf = shufflevector <64 x i1> %b, <64 x i1> undef, <64 x i32> <i32 1, i32 0, i32 3, i32 2, i32 5, i32 4, i32 7, i32
6, i32 9, i32 8, i32 11, i32 10, i32 13, i32 12, i32 15, i32 14, i32 17, i32 16, i32 19, i32 18, i32 21, i32 20, i32
 23, i32 22, i32 25, i32 24, i32 27, i32 26, i32 29, i32 28, i32 31, i32 30, i32 33, i32 32, i32 35, i32 34, i32 37, i32
36, i32 39, i32 38, i32 41, i32 40, i32 43, i32 42, i32 45, i32 44, i32 47, i32 46, i32 49, i32 48, i32 51, i32 50, i32 53,
i32 52, i32 55, i32 54, i32 57, i32 56, i32 59, i32 58, i32 61, i32 60, i32 63, i32 62>
 call void @llvm.masked.store.v64i8.p0v64i8(<64 x i8> %a, <64 x i8>* %y, i32 1, <64 x i1> %shuf)
 ret void
}
declare void @llvm.masked.store.v64i8.p0v64i8(<64 x i8>, <64 x i8>*, i32, <64 x i1>)

@mem64_dst = dso_local global i64 0, align 8
@mem64_src = dso_local global i64 0, align 8
define dso_local i32 @v64i1_inline_asm() "min-legal-vector-width"="256" {
; CHECK-LABEL: v64i1_inline_asm:
; CHECK:       # %bb.0:
; CHECK-NEXT:    kmovq {{.*}}(%rip), %k0
; CHECK-NEXT:    #APP
; CHECK-NEXT:    #NO_APP
; CHECK-NEXT:    kmovq %k0, {{.*}}(%rip)
; CHECK-NEXT:    movl -{{[0-9]+}}(%rsp), %eax
; CHECK-NEXT:    retq
 %1 = alloca i32, align 4
 %2 = load i64, i64* @mem64_src,
 align 8
 %3 = call i64 asm "", "=k,k,~{dirflag},~{fpsr},~{flags}"(i64 %2)
 store i64 %3, i64* @mem64_dst, align 8
 %4 = load i32, i32* %1, align 4
 ret i32 %4
```

```
}

define dso_local void @cmp_v8i64_sext(<8 x i64>* %xptr, <8 x i64>* %yptr, <8 x i64>* %zptr) "min-legal-vector-width"="256" {
; CHECK-LABEL: cmp_v8i64_sext:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vmovdqa (%rsi), %ymm0
; CHECK-NEXT:    vmovdqa 32(%rsi), %ymm1
; CHECK-NEXT:    vpcmpgtq 32(%rdi), %ymm1, %ymm1
; CHECK-NEXT:    vpcmpgtq (%rdi), %ymm0, %ymm0
; CHECK-NEXT:    vmovdqa %ymm0, (%rdx)
; CHECK-NEXT:    vmovdqa %ymm1, 32(%rdx)
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
 %x = load <8 x i64>, <8 x i64>* %xptr
 %y = load <8 x i64>, <8 x i64>* %yptr
 %cmp = icmp slt <8 x i64> %x, %y
 %ext = sext <8 x i1> %cmp to <8 x i64>
 store <8 x i64> %ext, <8 x i64>* %zptr
 ret void
}

define dso_local void @cmp_v8i64_zext(<8 x i64>* %xptr, <8 x i64>* %yptr, <8 x i64>* %zptr) "min-legal-vector-width"="256" {
;
 CHECK-LABEL: cmp_v8i64_zext:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vmovdqa (%rsi), %ymm0
; CHECK-NEXT:    vmovdqa 32(%rsi), %ymm1
; CHECK-NEXT:    vpcmpgtq 32(%rdi), %ymm1, %ymm1
; CHECK-NEXT:    vpcmpgtq (%rdi), %ymm0, %ymm0
; CHECK-NEXT:    vpsrlq $63, %ymm1, %ymm1
; CHECK-NEXT:    vpsrlq $63, %ymm0, %ymm0
; CHECK-NEXT:    vmovdqa %ymm0, (%rdx)
; CHECK-NEXT:    vmovdqa %ymm1, 32(%rdx)
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
 %x = load <8 x i64>, <8 x i64>* %xptr
 %y = load <8 x i64>, <8 x i64>* %yptr
 %cmp = icmp slt <8 x i64> %x, %y
 %ext = zext <8 x i1> %cmp to <8 x i64>
 store <8 x i64> %ext, <8 x i64>* %zptr
 ret void
}

define <16 x i8> @var_rotate_v16i8(<16 x i8> %a, <16 x i8> %b) nounwind "min-legal-vector-width"="256" {
; CHECK-LABEL: var_rotate_v16i8:
; CHECK:       # %bb.0:
```

```
; CHECK-NEXT:    vmovdqa {{.*#+}} xmm2 = [8,8,8,8,8,8,8,8,8,8,8,8,8,8,8,8]
; CHECK-NEXT:    vpsubb %xmm1, %xmm2, %xmm2
; CHECK-NEXT:    vpmovzxbw {{.*#+}} ymm1 =
xmm1[0],zero,xmm1[1],zero,xmm1[2],zero,xmm1[3],zero,xmm1[4],zero,xmm1[5],zero,xmm1[6],zero,xmm1[7],zer
o,xmm1[8],zero,xmm1[9],zero,xmm1[10],zero,xmm1[11],zero,xmm1[12],zero,xmm1[13],zero,xmm1[14],zero,xm
m1[15],zero
;
 CHECK-NEXT:    vpmovzxbw {{.*#+}} ymm0 =
xmm0[0],zero,xmm0[1],zero,xmm0[2],zero,xmm0[3],zero,xmm0[4],zero,xmm0[5],zero,xmm0[6],zero,xmm0[7],zer
o,xmm0[8],zero,xmm0[9],zero,xmm0[10],zero,xmm0[11],zero,xmm0[12],zero,xmm0[13],zero,xmm0[14],zero,xm
m0[15],zero
; CHECK-NEXT:    vpsllvw %ymm1, %ymm0, %ymm1
; CHECK-NEXT:    vpmovzxbw {{.*#+}} ymm2 =
xmm2[0],zero,xmm2[1],zero,xmm2[2],zero,xmm2[3],zero,xmm2[4],zero,xmm2[5],zero,xmm2[6],zero,xmm2[7],zer
o,xmm2[8],zero,xmm2[9],zero,xmm2[10],zero,xmm2[11],zero,xmm2[12],zero,xmm2[13],zero,xmm2[14],zero,xm
m2[15],zero
; CHECK-NEXT:    vpsrlvw %ymm2, %ymm0, %ymm0
; CHECK-NEXT:    vpor %ymm0, %ymm1, %ymm0
; CHECK-NEXT:    vpmovwb %ymm0, %xmm0
; CHECK-NEXT:    vzeroupper
; CHECK-NEXT:    retq
 %b8 = sub <16 x i8> <i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8
 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8>, %b
 %shl = shl <16 x i8> %a, %b
 %lshr = lshr <16 x i8> %a, %b8
 %or = or <16 x i8> %shl, %lshr
 ret <16 x i8> %or
}

define <32 x i8> @var_rotate_v32i8(<32 x i8> %a, <32 x i8> %b) nounwind "min-legal-vector-width"="256" {
; CHECK-LABEL: var_rotate_v32i8:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vpsllw $4, %ymm0, %ymm2
; CHECK-NEXT:    vpsrlw $4, %ymm0, %ymm3
; CHECK-NEXT:    vpternlogq $216, {{.*}}(%rip), %ymm2, %ymm3
; CHECK-NEXT:    vpsllw $5, %ymm1, %ymm1
; CHECK-NEXT:    vpblendvb %ymm1, %ymm3, %ymm0, %ymm0
; CHECK-NEXT:    vpsllw $2, %ymm0, %ymm2
; CHECK-NEXT:    vpsrlw $6, %ymm0, %ymm3
; CHECK-NEXT:    vpternlogq $216, {{.*}}(%rip), %ymm2, %ymm3
; CHECK-NEXT:    vpaddb %ymm1, %ymm1, %ymm1
; CHECK-NEXT:    vpblendvb %ymm1, %ymm3, %ymm0, %ymm0
; CHECK-NEXT:    vpsrlw $7, %ymm0, %ymm2
; CHECK-NEXT:    vpaddb %ymm0, %ymm0, %ymm3
; CHECK-NEXT:    vpternlogq $248, {{.*}}(%rip), %ymm2, %ymm3
; CHECK-NEXT:    vpaddb %ymm1, %ymm1, %ymm1
;
```

```
 CHECK-NEXT:    vpblendvb %ymm1, %ymm3, %ymm0, %ymm0
; CHECK-NEXT:    retq
 %b8 = sub <32 x i8> <i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8
8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8>, %b
 %shl = shl <32 x i8> %a, %b
 %lshr = lshr <32 x i8> %a, %b8
 %or = or <32 x i8> %shl, %lshr
 ret <32 x i8> %or
}

define <32 x i8> @splatvar_rotate_v32i8(<32 x i8> %a, <32 x i8> %b) nounwind "min-legal-vector-width"="256"
{
; CHECK-AVX512-LABEL: splatvar_rotate_v32i8:
; CHECK-AVX512:       # %bb.0:
; CHECK-AVX512-NEXT:    vpbroadcastb %xmm1, %xmm1
; CHECK-AVX512-NEXT:    vpand {{.*}}(%rip), %xmm1, %xmm1
; CHECK-AVX512-NEXT:    vpmovzxbq {{.*#+}} xmm2 =
xmm1[0],zero,zero,zero,zero,zero,zero,zero,xmm1[1],zero,zero,zero,zero,zero,zero,zero
; CHECK-AVX512-NEXT:    vpsllw %xmm2, %ymm0, %ymm3
; CHECK-AVX512-NEXT:    vmovdqa {{.*#+}} xmm4 = [8,8,8,8,8,8,8,8,8,8,8,8,8,8,8,8]
; CHECK-AVX512-NEXT:    vpsubb
 %xmm1, %xmm4, %xmm1
; CHECK-AVX512-NEXT:    vpcmpeqd %xmm4, %xmm4, %xmm4
; CHECK-AVX512-NEXT:    vpsllw %xmm2, %xmm4, %xmm2
; CHECK-AVX512-NEXT:    vpbroadcastb %xmm2, %ymm2
; CHECK-AVX512-NEXT:    vpmovzxbq {{.*#+}} xmm1 =
xmm1[0],zero,zero,zero,zero,zero,zero,zero,xmm1[1],zero,zero,zero,zero,zero,zero,zero
; CHECK-AVX512-NEXT:    vpsrlw %xmm1, %ymm0, %ymm5
; CHECK-AVX512-NEXT:    vpand %ymm2, %ymm3, %ymm2
; CHECK-AVX512-NEXT:    vpsrlw %xmm1, %xmm4, %xmm0
; CHECK-AVX512-NEXT:    vpsrlw $8, %xmm0, %xmm0
; CHECK-AVX512-NEXT:    vpbroadcastb %xmm0, %ymm0
; CHECK-AVX512-NEXT:    vpternlogq $236, %ymm5, %ymm2, %ymm0
; CHECK-AVX512-NEXT:    retq
;
; CHECK-VBMI-LABEL: splatvar_rotate_v32i8:
; CHECK-VBMI:       # %bb.0:
; CHECK-VBMI-NEXT:    vpbroadcastb %xmm1, %xmm1
; CHECK-VBMI-NEXT:    vpand {{.*}}(%rip), %xmm1, %xmm1
; CHECK-VBMI-NEXT:    vpmovzxbq {{.*#+}} xmm2 =
xmm1[0],zero,zero,zero,zero,zero,zero,zero,xmm1[1],zero,zero,zero,zero,zero,zero,zero
; CHECK-VBMI-NEXT:    vpsllw %xmm2,
 %ymm0, %ymm3
; CHECK-VBMI-NEXT:    vpcmpeqd %xmm4, %xmm4, %xmm4
; CHECK-VBMI-NEXT:    vpsllw %xmm2, %xmm4, %xmm2
; CHECK-VBMI-NEXT:    vpbroadcastb %xmm2, %ymm2
; CHECK-VBMI-NEXT:    vpand %ymm2, %ymm3, %ymm2
; CHECK-VBMI-NEXT:    vmovdqa {{.*#+}} xmm3 = [8,8,8,8,8,8,8,8,8,8,8,8,8,8,8,8]
```

```
; CHECK-VBMI-NEXT:    vpsubb %xmm1, %xmm3, %xmm1
; CHECK-VBMI-NEXT:    vpmovzxbq {{.*#+}} xmm1 =
xmm1[0],zero,zero,zero,zero,zero,zero,zero,xmm1[1],zero,zero,zero,zero,zero,zero,zero
; CHECK-VBMI-NEXT:    vpsrlw %xmm1, %ymm0, %ymm3
; CHECK-VBMI-NEXT:    vpsrlw %xmm1, %xmm4, %xmm0
; CHECK-VBMI-NEXT:    vmovdqa {{.*#+}} ymm1 =
[1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1]
; CHECK-VBMI-NEXT:    vpermb %ymm0, %ymm1, %ymm0
; CHECK-VBMI-NEXT:    vpternlogq $236, %ymm3, %ymm2, %ymm0
; CHECK-VBMI-NEXT:    retq
 %splat = shufflevector <32 x i8> %b, <32 x i8> undef, <32 x i32> zeroinitializer
 %splat8 = sub <32 x i8> <i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8,
 i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8, i8 8>, %splat
 %shl = shl <32 x i8> %a, %splat
 %lshr = lshr <32 x i8> %a, %splat8
 %or = or <32 x i8> %shl, %lshr
 ret <32 x i8> %or
}

define <32 x i8> @constant_rotate_v32i8(<32 x i8> %a) nounwind "min-legal-vector-width"="256" {
; CHECK-AVX512-LABEL: constant_rotate_v32i8:
; CHECK-AVX512:       # %bb.0:
; CHECK-AVX512-NEXT:    vpsllw $4, %ymm0, %ymm1
; CHECK-AVX512-NEXT:    vpand {{.*}}(%rip), %ymm1, %ymm1
; CHECK-AVX512-NEXT:    vbroadcasti128 {{.*#+}} ymm2 =
[8192,24640,41088,57536,57344,41152,24704,8256,8192,24640,41088,57536,57344,41152,24704,8256]
; CHECK-AVX512-NEXT:    # ymm2 = mem[0,1,0,1]
; CHECK-AVX512-NEXT:    vpblendvb %ymm2, %ymm1, %ymm0, %ymm1
; CHECK-AVX512-NEXT:    vpsllw $2, %ymm1, %ymm3
; CHECK-AVX512-NEXT:    vpand {{.*}}(%rip), %ymm3, %ymm3
; CHECK-AVX512-NEXT:    vpaddb %ymm2, %ymm2, %ymm2
; CHECK-AVX512-NEXT:    vpblendvb %ymm2, %ymm3, %ymm1,
 %ymm1
; CHECK-AVX512-NEXT:    vpaddb %ymm1, %ymm1, %ymm3
; CHECK-AVX512-NEXT:    vpaddb %ymm2, %ymm2, %ymm2
; CHECK-AVX512-NEXT:    vpblendvb %ymm2, %ymm3, %ymm1, %ymm1
; CHECK-AVX512-NEXT:    vpxor %xmm2, %xmm2, %xmm2
; CHECK-AVX512-NEXT:    vpunpckhbw {{.*#+}} ymm3 =
ymm0[8],ymm2[8],ymm0[9],ymm2[9],ymm0[10],ymm2[10],ymm0[11],ymm2[11],ymm0[12],ymm2[12],ymm0[13
],ymm2[13],ymm0[14],ymm2[14],ymm0[15],ymm2[15],ymm0[24],ymm2[24],ymm0[25],ymm2[25],ymm0[26],ym
m2[26],ymm0[27],ymm2[27],ymm0[28],ymm2[28],ymm0[29],ymm2[29],ymm0[30],ymm2[30],ymm0[31],ymm2[
31]
; CHECK-AVX512-NEXT:    vpsllvw {{.*}}(%rip), %ymm3, %ymm3
; CHECK-AVX512-NEXT:    vpsrlw $8, %ymm3, %ymm3
; CHECK-AVX512-NEXT:    vpunpcklbw {{.*#+}} ymm0 =
ymm0[0],ymm2[0],ymm0[1],ymm2[1],ymm0[2],ymm2[2],ymm0[3],ymm2[3],ymm0[4],ymm2[4],ymm0[5],ymm2[
5],ymm0[6],ymm2[6],ymm0[7],ymm2[7],ymm0[16],ymm2[16],ymm0[17],ymm2[17],ymm0[18],ymm2[18],ymm0[
19],ymm2[19],ymm0[20],ymm2[20],ymm0[21],ymm2[21],ymm0[22],ymm2[22],ymm0[23],ymm2[23]
```

```
; CHECK-AVX512-NEXT:
    vpsllvw {{.*}}(%rip), %ymm0, %ymm0
; CHECK-AVX512-NEXT:    vpsrlw $8, %ymm0, %ymm0
; CHECK-AVX512-NEXT:    vpackuswb %ymm3, %ymm0, %ymm0
; CHECK-AVX512-NEXT:    vpor %ymm0, %ymm1, %ymm0
; CHECK-AVX512-NEXT:    retq
;
; CHECK-VBMI-LABEL: constant_rotate_v32i8:
; CHECK-VBMI:       # %bb.0:
; CHECK-VBMI-NEXT:    vpsllw $4, %ymm0, %ymm1
; CHECK-VBMI-NEXT:    vpand {{.*}}(%rip), %ymm1, %ymm1
; CHECK-VBMI-NEXT:    vbroadcasti128 {{.*#+}} ymm2 =
[8192,24640,41088,57536,57344,41152,24704,8256,8192,24640,41088,57536,57344,41152,24704,8256]
; CHECK-VBMI-NEXT:    # ymm2 = mem[0,1,0,1]
; CHECK-VBMI-NEXT:    vpblendvb %ymm2, %ymm1, %ymm0, %ymm1
; CHECK-VBMI-NEXT:    vpsllw $2, %ymm1, %ymm3
; CHECK-VBMI-NEXT:    vpand {{.*}}(%rip), %ymm3, %ymm3
; CHECK-VBMI-NEXT:    vpaddb %ymm2, %ymm2, %ymm2
; CHECK-VBMI-NEXT:    vpblendvb %ymm2, %ymm3, %ymm1, %ymm1
; CHECK-VBMI-NEXT:    vpaddb %ymm1, %ymm1, %ymm3
; CHECK-VBMI-NEXT:    vpaddb %ymm2, %ymm2, %ymm2
; CHECK-VBMI-NEXT:    vpblendvb %ymm2, %ymm3,
 %ymm1, %ymm1
; CHECK-VBMI-NEXT:    vpxor %xmm2, %xmm2, %xmm2
; CHECK-VBMI-NEXT:    vpunpckhbw {{.*#+}} ymm3 =
ymm0[8],ymm2[8],ymm0[9],ymm2[9],ymm0[10],ymm2[10],ymm0[11],ymm2[11],ymm0[12],ymm2[12],ymm0[13
],ymm2[13],ymm0[14],ymm2[14],ymm0[15],ymm2[15],ymm0[24],ymm2[24],ymm0[25],ymm2[25],ymm0[26],ym
m2[26],ymm0[27],ymm2[27],ymm0[28],ymm2[28],ymm0[29],ymm2[29],ymm0[30],ymm2[30],ymm0[31],ymm2[
31]
; CHECK-VBMI-NEXT:    vpsllvw {{.*}}(%rip), %ymm3, %ymm3
; CHECK-VBMI-NEXT:    vpunpcklbw {{.*#+}} ymm0 =
ymm0[0],ymm2[0],ymm0[1],ymm2[1],ymm0[2],ymm2[2],ymm0[3],ymm2[3],ymm0[4],ymm2[4],ymm0[5],ymm2[
5],ymm0[6],ymm2[6],ymm0[7],ymm2[7],ymm0[16],ymm2[16],ymm0[17],ymm2[17],ymm0[18],ymm2[18],ymm0[
19],ymm2[19],ymm0[20],ymm2[20],ymm0[21],ymm2[21],ymm0[22],ymm2[22],ymm0[23],ymm2[23]
; CHECK-VBMI-NEXT:    vpsllvw {{.*}}(%rip), %ymm0, %ymm0
; CHECK-VBMI-NEXT:    vmovdqa {{.*#+}} ymm2 =
[1,3,5,7,9,11,13,15,33,35,37,39,41,43,45,47,17,19,21,23,25,27,29,31,49,51,53,55,57,59,61,63]
; CHECK-VBMI-NEXT:    vpermi2b
 %ymm3, %ymm0, %ymm2
; CHECK-VBMI-NEXT:    vpor %ymm2, %ymm1, %ymm0
; CHECK-VBMI-NEXT:    retq
 %shl = shl <32 x i8> %a, <i8 0, i8 1, i8 2, i8 3, i8 4, i8 5, i8 6, i8 7, i8 8, i8 7, i8 6, i8 5, i8 4, i8 3, i8 2, i8 1, i8 0, i8
1, i8 2, i8 3, i8 4, i8 5, i8 6, i8 7, i8 8, i8 7, i8 6, i8 5, i8 4, i8 3, i8 2, i8 1>
 %lshr = lshr <32 x i8> %a, <i8 8, i8 7, i8 6, i8 5, i8 4, i8 3, i8 2, i8 1, i8 0, i8 1, i8 2, i8 3, i8 4, i8 5, i8 6, i8 7, i8 8,
i8 7, i8 6, i8 5, i8 4, i8 3, i8 2, i8 1, i8 0, i8 1, i8 2, i8 3, i8 4, i8 5, i8 6, i8 7>
 %or = or <32 x i8> %shl, %lshr
 ret <32 x i8> %or
}
```

```
define <32 x i8> @splatconstant_rotate_v32i8(<32 x i8> %a) nounwind "min-legal-vector-width"="256" {
; CHECK-LABEL: splatconstant_rotate_v32i8:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vpsllw $4, %ymm0, %ymm1
; CHECK-NEXT:    vpsrlw $4, %ymm0, %ymm0
; CHECK-NEXT:    vpternlogq $216, {{.*}}(%rip), %ymm1, %ymm0
; CHECK-NEXT:    retq
 %shl = shl <32 x i8> %a, <i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4,
 i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4,
i8 4>
 %lshr = lshr <32 x i8> %a, <i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4,
i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4>
 %or = or <32 x i8> %shl, %lshr
 ret <32 x i8> %or
}

define <32 x i8> @splatconstant_rotate_mask_v32i8(<32 x i8> %a) nounwind "min-legal-vector-width"="256" {
; CHECK-LABEL: splatconstant_rotate_mask_v32i8:
; CHECK:       # %bb.0:
; CHECK-NEXT:    vpsllw $4, %ymm0, %ymm1
; CHECK-NEXT:    vpsrlw $4, %ymm0, %ymm0
; CHECK-NEXT:    vpternlogq $216, {{.*}}(%rip), %ymm1, %ymm0
; CHECK-NEXT:    vpand {{.*}}(%rip), %ymm0, %ymm0
; CHECK-NEXT:    retq
 %shl = shl <32 x i8> %a, <i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4,
4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4,
 i8 4, i8 4, i8 4, i8 4, i8 4, i8 4>
 %lshr = lshr <32 x i8> %a, <i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4,
i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4, i8 4>
 %rmask = and <32 x i8> %lshr, <i8 55, i8 55, i8 55, i8 55, i8 55, i8 55, i8 55, i8 55, i8 55, i8 55, i8 55, i8 55,
i8 55, i8 55, i8 55, i8 55, i8 55, i8 55, i8 55, i8 55, i8 55, i8 55, i8 55, i8 55, i8 55, i8 55, i8 55, i8 55, i8 55, i8 55, i8 55, i8 55, i8 55, i8
55>
 %lmask = and <32 x i8> %shl, <i8 33, i8 33, i8 33, i8 33, i8 33, i8 33, i8 33, i8 33, i8 33, i8 33, i8 33, i8 33, i8 33,
i8 33, i8 33, i8 33, i8 33, i8 33, i8 33, i8 33, i8 33, i8 33, i8 33, i8 33, i8 33, i8 33, i8 33, i8 33, i8 33, i8 33, i8 33, i8 33, i8 33, i8 33, i8
33>
 %or = or <32 x i8> %lmask, %rmask
 ret <32 x i8> %or
}
```

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```
; RUN: llc -O3 -mtriple=powerpc-unknown-linux-gnu -mcpu=e500 -mattr=spe < %s | FileCheck %s

; PowerPC SPE is a rare in-tree target that has the FP_TO_SINT node marked
; as Legal.

; Verify that fptosi(42.1) isn't simplified when the rounding mode is
; unknown.
; Verify that no gross errors happen.
; CHECK-LABEL: @f20
; COMMON: cfdctsiz
define i32 @f20(double %a) strictfp {
entry:
 %result = call i32 @llvm.experimental.constrained.fptosi.i32.f64(double 42.1,
                                    metadata !"fpexcept.strict")
                                    strictfp
 ret i32 %result
}

@llvm.fp.env = thread_local global i8 zeroinitializer, section "llvm.metadata"
declare i32 @llvm.experimental.constrained.fptosi.i32.f64(double, metadata)
```

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; NOTE: Assertions have been autogenerated by utils/update_test_checks.py UTC_ARGS: --function-signature --check-attributes
; RUN: opt -attributor -enable-new-pm=0 -attributor-manifest-internal -attributor-max-iterations-verify -attributor-annotate-decl-cs -attributor-max-iterations=3 -S < %s | FileCheck %s --check-prefixes=CHECK,NOT_CGSCC_NPM,NOT_CGSCC_OPM,NOT_TUNIT_NPM,IS__TUNIT____,IS________OPM,IS__TUNIT_OPM
; RUN: opt -aa-pipeline=basic-aa -passes=attributor -attributor-manifest-internal -attributor-max-iterations-verify -

```
attributor-annotate-decl-cs -attributor-max-iterations=3 -S < %s | FileCheck %s --check-
prefixes=CHECK,NOT_CGSCC_OPM,NOT_CGSCC_NPM,NOT_TUNIT_OPM,IS__TUNIT____,IS________NP
M,IS__TUNIT_NPM
; RUN: opt -attributor-cgscc -enable-new-pm=0 -attributor-manifest-internal  -attributor-annotate-decl-cs -S < %s |
FileCheck %s --check-
prefixes=CHECK,NOT_TUNIT_NPM,NOT_TUNIT_OPM,NOT_CGSCC_NPM,IS__CGSCC____,IS________OP
M,IS__CGSCC_OPM
; RUN: opt -aa-pipeline=basic-aa -passes=attributor-cgscc
 -attributor-manifest-internal  -attributor-annotate-decl-cs -S < %s | FileCheck %s --check-
prefixes=CHECK,NOT_TUNIT_NPM,NOT_TUNIT_OPM,NOT_CGSCC_OPM,IS__CGSCC____,IS________NP
M,IS__CGSCC_NPM
; Test that we only promote arguments when the caller/callee have compatible
; function attrubtes.

target triple = "x86_64-unknown-linux-gnu"

; This should promote
define internal fastcc void @callee_avx512_legal512_prefer512_call_avx512_legal512_prefer512(<8 x i64>* %arg,
<8 x i64>* readonly %arg1) #0 {
;
; IS________OPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS________OPM-LABEL: define
{{[^@]+}}@callee_avx512_legal512_prefer512_call_avx512_legal512_prefer512
; IS________OPM-SAME: (<8 x i64>* nocapture nofree noundef nonnull writeonly align 64 dereferenceable(64)
[[ARG:%.*]], <8 x i64>* nocapture nofree noundef nonnull readonly align 64 dereferenceable(64) [[ARG1:%.*]])
[[ATTR0:#.*]] {
; IS________OPM-NEXT:  bb:
; IS________OPM-NEXT:
   [[TMP:%.*]] = load <8 x i64>, <8 x i64>* [[ARG1]], align 64
; IS________OPM-NEXT:    store <8 x i64> [[TMP]], <8 x i64>* [[ARG]], align 64
; IS________OPM-NEXT:    ret void
;
; IS________NPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS________NPM-LABEL: define
{{[^@]+}}@callee_avx512_legal512_prefer512_call_avx512_legal512_prefer512
; IS________NPM-SAME: (<8 x i64>* noalias nocapture nofree noundef nonnull writeonly align 64
dereferenceable(64) [[ARG:%.*]], <8 x i64> [[TMP0:%.*]]) [[ATTR0:#.*]] {
; IS________NPM-NEXT:  bb:
; IS________NPM-NEXT:    [[ARG1_PRIV:%.*]] = alloca <8 x i64>, align 64
; IS________NPM-NEXT:    store <8 x i64> [[TMP0]], <8 x i64>* [[ARG1_PRIV]], align 64
; IS________NPM-NEXT:    [[TMP:%.*]] = load <8 x i64>, <8 x i64>* [[ARG1_PRIV]], align 64
; IS________NPM-NEXT:    store <8 x i64> [[TMP]], <8 x i64>* [[ARG]], align 64
; IS________NPM-NEXT:    ret void
;
bb:
 %tmp = load <8 x i64>, <8 x i64>* %arg1
```

```
 store <8 x i64> %tmp, <8 x i64>* %arg
 ret void
}

define void @avx512_legal512_prefer512_call_avx512_legal512_prefer512(<8 x i64>* %arg) #0 {
;
; IS__TUNIT_OPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__TUNIT_OPM-LABEL: define {{[^@]+}}@avx512_legal512_prefer512_call_avx512_legal512_prefer512
; IS__TUNIT_OPM-SAME: (<8 x i64>* nocapture nofree writeonly [[ARG:%.*]]) [[ATTR0:#.*]] {
; IS__TUNIT_OPM-NEXT:  bb:
; IS__TUNIT_OPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_OPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_OPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; IS__TUNIT_OPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6:#.*]]
; IS__TUNIT_OPM-NEXT:    call fastcc void
@callee_avx512_legal512_prefer512_call_avx512_legal512_prefer512(<8 x i64>* nocapture
 nofree noundef nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64>* nocapture nofree noundef
nonnull readonly align 64 dereferenceable(64) [[TMP]]) [[ATTR7:#.*]]
; IS__TUNIT_OPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__TUNIT_OPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__TUNIT_OPM-NEXT:    ret void
;
; IS__TUNIT_NPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__TUNIT_NPM-LABEL: define {{[^@]+}}@avx512_legal512_prefer512_call_avx512_legal512_prefer512
; IS__TUNIT_NPM-SAME: (<8 x i64>* nocapture nofree writeonly [[ARG:%.*]]) [[ATTR0:#.*]] {
; IS__TUNIT_NPM-NEXT:  bb:
; IS__TUNIT_NPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_NPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_NPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; IS__TUNIT_NPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull
 writeonly align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6:#.*]]
; IS__TUNIT_NPM-NEXT:    [[TMP0:%.*]] = load <8 x i64>, <8 x i64>* [[TMP]], align 64
; IS__TUNIT_NPM-NEXT:    call fastcc void
@callee_avx512_legal512_prefer512_call_avx512_legal512_prefer512(<8 x i64>* noalias nocapture nofree
noundef nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64> [[TMP0]]) [[ATTR7:#.*]]
; IS__TUNIT_NPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__TUNIT_NPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__TUNIT_NPM-NEXT:    ret void
;
; IS__CGSCC_OPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__CGSCC_OPM-LABEL: define {{[^@]+}}@avx512_legal512_prefer512_call_avx512_legal512_prefer512
; IS__CGSCC_OPM-SAME: (<8 x i64>* nocapture nofree nonnull writeonly align 2 dereferenceable(64)
[[ARG:%.*]]) [[ATTR0:#.*]] {
; IS__CGSCC_OPM-NEXT:  bb:
;
 IS__CGSCC_OPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_OPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
```

```
; IS__CGSCC_OPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; IS__CGSCC_OPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6:#.*]]
; IS__CGSCC_OPM-NEXT:    call fastcc void
@callee_avx512_legal512_prefer512_call_avx512_legal512_prefer512(<8 x i64>* nocapture nofree noundef
nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64>* nocapture nofree noundef nonnull readonly
align 64 dereferenceable(64) [[TMP]]) [[ATTR7:#.*]]
; IS__CGSCC_OPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__CGSCC_OPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__CGSCC_OPM-NEXT:    ret void
;
; IS__CGSCC_NPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync
 nounwind uwtable willreturn
; IS__CGSCC_NPM-LABEL: define {{[^@]+}}@avx512_legal512_prefer512_call_avx512_legal512_prefer512
; IS__CGSCC_NPM-SAME: (<8 x i64>* nocapture nofree nonnull writeonly align 2 dereferenceable(64)
[[ARG:%.*]]) [[ATTR0:#.*]] {
; IS__CGSCC_NPM-NEXT:  bb:
; IS__CGSCC_NPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_NPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_NPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; IS__CGSCC_NPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6:#.*]]
; IS__CGSCC_NPM-NEXT:    [[TMP0:%.*]] = load <8 x i64>, <8 x i64>* [[TMP]], align 64
; IS__CGSCC_NPM-NEXT:    call fastcc void
@callee_avx512_legal512_prefer512_call_avx512_legal512_prefer512(<8 x i64>* noalias nocapture nofree
noundef nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64> [[TMP0]])
 [[ATTR7:#.*]]
; IS__CGSCC_NPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__CGSCC_NPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__CGSCC_NPM-NEXT:    ret void
;
bb:
 %tmp = alloca <8 x i64>, align 32
 %tmp2 = alloca <8 x i64>, align 32
 %tmp3 = bitcast <8 x i64>* %tmp to i8*
 call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
 call fastcc void @callee_avx512_legal512_prefer512_call_avx512_legal512_prefer512(<8 x i64>* %tmp2, <8 x
i64>* %tmp)
 %tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
 store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
 ret void
}

; This should promote
define internal fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal512_prefer256(<8 x i64>* %arg,
<8 x i64>* readonly %arg1) #1 {
;
; IS________OPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
```

```
; IS_________OPM-LABEL: define
{{[^@]+}}@callee_avx512_legal512_prefer256_call_avx512_legal512_prefer256
;
 IS_________OPM-SAME: (<8 x i64>* nocapture nofree noundef nonnull writeonly align 64 dereferenceable(64)
[[ARG:%.*]], <8 x i64>* nocapture nofree noundef nonnull readonly align 64 dereferenceable(64) [[ARG1:%.*]])
[[ATTR1:#.*]] {
; IS_________OPM-NEXT:  bb:
; IS_________OPM-NEXT:    [[TMP:%.*]] = load <8 x i64>, <8 x i64>* [[ARG1]], align 64
; IS_________OPM-NEXT:    store <8 x i64> [[TMP]], <8 x i64>* [[ARG]], align 64
; IS_________OPM-NEXT:    ret void
;
; IS_________NPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS_________NPM-LABEL: define
{{[^@]+}}@callee_avx512_legal512_prefer256_call_avx512_legal512_prefer256
; IS_________NPM-SAME: (<8 x i64>* noalias nocapture nofree noundef nonnull writeonly align 64
dereferenceable(64) [[ARG:%.*]], <8 x i64> [[TMP0:%.*]]) [[ATTR1:#.*]] {
; IS_________NPM-NEXT:  bb:
; IS_________NPM-NEXT:    [[ARG1_PRIV:%.*]] = alloca <8 x i64>, align 64
; IS_________NPM-NEXT:    store <8 x i64>
 [[TMP0]], <8 x i64>* [[ARG1_PRIV]], align 64
; IS_________NPM-NEXT:    [[TMP:%.*]] = load <8 x i64>, <8 x i64>* [[ARG1_PRIV]], align 64
; IS_________NPM-NEXT:    store <8 x i64> [[TMP]], <8 x i64>* [[ARG]], align 64
; IS_________NPM-NEXT:    ret void
;
bb:
 %tmp = load <8 x i64>, <8 x i64>* %arg1
 store <8 x i64> %tmp, <8 x i64>* %arg
 ret void
}

define void @avx512_legal512_prefer256_call_avx512_legal512_prefer256(<8 x i64>* %arg) #1 {
;
; IS__TUNIT_OPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__TUNIT_OPM-LABEL: define {{[^@]+}}@avx512_legal512_prefer256_call_avx512_legal512_prefer256
; IS__TUNIT_OPM-SAME: (<8 x i64>* nocapture nofree writeonly [[ARG:%.*]]) [[ATTR1:#.*]] {
; IS__TUNIT_OPM-NEXT:  bb:
; IS__TUNIT_OPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_OPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_OPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; IS__TUNIT_OPM-NEXT:
 call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly align 64 dereferenceable(64)
[[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6]]
; IS__TUNIT_OPM-NEXT:    call fastcc void
@callee_avx512_legal512_prefer256_call_avx512_legal512_prefer256(<8 x i64>* nocapture nofree noundef
nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64>* nocapture nofree noundef nonnull readonly
align 64 dereferenceable(64) [[TMP]]) [[ATTR7]]
; IS__TUNIT_OPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__TUNIT_OPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
```

```
; IS__TUNIT_OPM-NEXT:    ret void
;
; IS__TUNIT_NPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__TUNIT_NPM-LABEL: define {{[^@]+}}@avx512_legal512_prefer256_call_avx512_legal512_prefer256
; IS__TUNIT_NPM-SAME: (<8 x i64>* nocapture nofree writeonly [[ARG:%.*]]) [[ATTR1:#.*]] {
; IS__TUNIT_NPM-NEXT:  bb:
;
 IS__TUNIT_NPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_NPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_NPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; IS__TUNIT_NPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6]]
; IS__TUNIT_NPM-NEXT:    [[TMP0:%.*]] = load <8 x i64>, <8 x i64>* [[TMP]], align 64
; IS__TUNIT_NPM-NEXT:    call fastcc void
@callee_avx512_legal512_prefer256_call_avx512_legal512_prefer256(<8 x i64>* noalias nocapture nofree
noundef nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64> [[TMP0]]) [[ATTR7]]
; IS__TUNIT_NPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__TUNIT_NPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__TUNIT_NPM-NEXT:    ret void
;
; IS__CGSCC_OPM: Function Attrs: argmemonly inlinehint nofree norecurse
 nosync nounwind uwtable willreturn
; IS__CGSCC_OPM-LABEL: define {{[^@]+}}@avx512_legal512_prefer256_call_avx512_legal512_prefer256
; IS__CGSCC_OPM-SAME: (<8 x i64>* nocapture nofree nonnull writeonly align 2 dereferenceable(64)
[[ARG:%.*]]) [[ATTR1:#.*]] {
; IS__CGSCC_OPM-NEXT:  bb:
; IS__CGSCC_OPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_OPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_OPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; IS__CGSCC_OPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6]]
; IS__CGSCC_OPM-NEXT:    call fastcc void
@callee_avx512_legal512_prefer256_call_avx512_legal512_prefer256(<8 x i64>* nocapture nofree noundef
nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64>* nocapture nofree noundef nonnull readonly
align 64 dereferenceable(64) [[TMP]]) [[ATTR7]]
; IS__CGSCC_OPM-NEXT:
   [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__CGSCC_OPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__CGSCC_OPM-NEXT:    ret void
;
; IS__CGSCC_NPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__CGSCC_NPM-LABEL: define {{[^@]+}}@avx512_legal512_prefer256_call_avx512_legal512_prefer256
; IS__CGSCC_NPM-SAME: (<8 x i64>* nocapture nofree nonnull writeonly align 2 dereferenceable(64)
[[ARG:%.*]]) [[ATTR1:#.*]] {
; IS__CGSCC_NPM-NEXT:  bb:
; IS__CGSCC_NPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_NPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_NPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
```

```
; IS__CGSCC_NPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6]]
; IS__CGSCC_NPM-NEXT:    [[TMP0:%.*]]
 = load <8 x i64>, <8 x i64>* [[TMP]], align 64
; IS__CGSCC_NPM-NEXT:    call fastcc void
@callee_avx512_legal512_prefer256_call_avx512_legal512_prefer256(<8 x i64>* noalias nocapture nofree
noundef nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64> [[TMP0]]) [[ATTR7]]
; IS__CGSCC_NPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__CGSCC_NPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__CGSCC_NPM-NEXT:    ret void
;
bb:
 %tmp = alloca <8 x i64>, align 32
 %tmp2 = alloca <8 x i64>, align 32
 %tmp3 = bitcast <8 x i64>* %tmp to i8*
 call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
 call fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal512_prefer256(<8 x i64>* %tmp2, <8 x
i64>* %tmp)
 %tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
 store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
 ret void
}

; This should promote
define internal fastcc void @callee_avx512_legal512_prefer512_call_avx512_legal512_prefer256(<8
 x i64>* %arg, <8 x i64>* readonly %arg1) #1 {
;
; IS________OPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS________OPM-LABEL: define
{{[^@]+}}@callee_avx512_legal512_prefer512_call_avx512_legal512_prefer256
; IS________OPM-SAME: (<8 x i64>* nocapture nofree noundef nonnull writeonly align 64 dereferenceable(64)
[[ARG:%.*]], <8 x i64>* nocapture nofree noundef nonnull readonly align 64 dereferenceable(64) [[ARG1:%.*]])
[[ATTR1]] {
; IS________OPM-NEXT:  bb:
; IS________OPM-NEXT:    [[TMP:%.*]] = load <8 x i64>, <8 x i64>* [[ARG1]], align 64
; IS________OPM-NEXT:    store <8 x i64> [[TMP]], <8 x i64>* [[ARG]], align 64
; IS________OPM-NEXT:    ret void
;
; IS________NPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS________NPM-LABEL: define
{{[^@]+}}@callee_avx512_legal512_prefer512_call_avx512_legal512_prefer256
; IS________NPM-SAME: (<8 x i64>* noalias
 nocapture nofree noundef nonnull writeonly align 64 dereferenceable(64) [[ARG:%.*]], <8 x i64> [[TMP0:%.*]])
[[ATTR1]] {
; IS________NPM-NEXT:  bb:
; IS________NPM-NEXT:    [[ARG1_PRIV:%.*]] = alloca <8 x i64>, align 64
; IS________NPM-NEXT:    store <8 x i64> [[TMP0]], <8 x i64>* [[ARG1_PRIV]], align 64
; IS________NPM-NEXT:    [[TMP:%.*]] = load <8 x i64>, <8 x i64>* [[ARG1_PRIV]], align 64
```

```
; IS_________NPM-NEXT:    store <8 x i64> [[TMP]], <8 x i64>* [[ARG]], align 64
; IS_________NPM-NEXT:    ret void
;
bb:
 %tmp = load <8 x i64>, <8 x i64>* %arg1
 store <8 x i64> %tmp, <8 x i64>* %arg
 ret void
}

define void @avx512_legal512_prefer512_call_avx512_legal512_prefer256(<8 x i64>* %arg) #0 {
;
; IS__TUNIT_OPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__TUNIT_OPM-LABEL: define {{[^@]+}}@avx512_legal512_prefer512_call_avx512_legal512_prefer256
; IS__TUNIT_OPM-SAME: (<8 x i64>* nocapture nofree writeonly [[ARG:%.*]]) [[ATTR0]] {
;
 IS__TUNIT_OPM-NEXT:  bb:
; IS__TUNIT_OPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_OPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_OPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; IS__TUNIT_OPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6]]
; IS__TUNIT_OPM-NEXT:    call fastcc void
@callee_avx512_legal512_prefer512_call_avx512_legal512_prefer256(<8 x i64>* nocapture nofree noundef
nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64>* nocapture nofree noundef nonnull readonly
align 64 dereferenceable(64) [[TMP]]) [[ATTR7]]
; IS__TUNIT_OPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__TUNIT_OPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__TUNIT_OPM-NEXT:    ret void
;
; IS__TUNIT_NPM: Function Attrs: argmemonly inlinehint nofree norecurse
 nosync nounwind uwtable willreturn
; IS__TUNIT_NPM-LABEL: define {{[^@]+}}@avx512_legal512_prefer512_call_avx512_legal512_prefer256
; IS__TUNIT_NPM-SAME: (<8 x i64>* nocapture nofree writeonly [[ARG:%.*]]) [[ATTR0]] {
; IS__TUNIT_NPM-NEXT:  bb:
; IS__TUNIT_NPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_NPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_NPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; IS__TUNIT_NPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6]]
; IS__TUNIT_NPM-NEXT:    [[TMP0:%.*]] = load <8 x i64>, <8 x i64>* [[TMP]], align 64
; IS__TUNIT_NPM-NEXT:    call fastcc void
@callee_avx512_legal512_prefer512_call_avx512_legal512_prefer256(<8 x i64>* noalias nocapture nofree
noundef nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64> [[TMP0]]) [[ATTR7]]
; IS__TUNIT_NPM-NEXT:
   [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__TUNIT_NPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__TUNIT_NPM-NEXT:    ret void
;
```

```
; IS__CGSCC_OPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__CGSCC_OPM-LABEL: define {{[^@]+}}@avx512_legal512_prefer512_call_avx512_legal512_prefer256
; IS__CGSCC_OPM-SAME: (<8 x i64>* nocapture nofree nonnull writeonly align 2 dereferenceable(64)
[[ARG:%.*]]) [[ATTR0]] {
; IS__CGSCC_OPM-NEXT:  bb:
; IS__CGSCC_OPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_OPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_OPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; IS__CGSCC_OPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6]]
; IS__CGSCC_OPM-NEXT:    call fastcc void
@callee_avx512_legal512_prefer512_call_avx512_legal512_prefer256(<8
 x i64>* nocapture nofree noundef nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64>* nocapture
nofree noundef nonnull readonly align 64 dereferenceable(64) [[TMP]]) [[ATTR7]]
; IS__CGSCC_OPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__CGSCC_OPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__CGSCC_OPM-NEXT:    ret void
;
; IS__CGSCC_NPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__CGSCC_NPM-LABEL: define {{[^@]+}}@avx512_legal512_prefer512_call_avx512_legal512_prefer256
; IS__CGSCC_NPM-SAME: (<8 x i64>* nocapture nofree nonnull writeonly align 2 dereferenceable(64)
[[ARG:%.*]]) [[ATTR0]] {
; IS__CGSCC_NPM-NEXT:  bb:
; IS__CGSCC_NPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_NPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_NPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]]
 to i8*
; IS__CGSCC_NPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6]]
; IS__CGSCC_NPM-NEXT:    [[TMP0:%.*]] = load <8 x i64>, <8 x i64>* [[TMP]], align 64
; IS__CGSCC_NPM-NEXT:    call fastcc void
@callee_avx512_legal512_prefer512_call_avx512_legal512_prefer256(<8 x i64>* noalias nocapture nofree
noundef nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64> [[TMP0]]) [[ATTR7]]
; IS__CGSCC_NPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__CGSCC_NPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__CGSCC_NPM-NEXT:    ret void
;
bb:
 %tmp = alloca <8 x i64>, align 32
 %tmp2 = alloca <8 x i64>, align 32
 %tmp3 = bitcast <8 x i64>* %tmp to i8*
 call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
 call fastcc void @callee_avx512_legal512_prefer512_call_avx512_legal512_prefer256(<8
 x i64>* %tmp2, <8 x i64>* %tmp)
 %tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
 store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
 ret void
}
```

```
; This should promote
define internal fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal512_prefer512(<8 x i64>* %arg,
<8 x i64>* readonly %arg1) #0 {
;
; IS_________OPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS_________OPM-LABEL: define
{{[^@]+}}@callee_avx512_legal512_prefer256_call_avx512_legal512_prefer512
; IS_________OPM-SAME: (<8 x i64>* nocapture nofree noundef nonnull writeonly align 64 dereferenceable(64)
[[ARG:%.*]], <8 x i64>* nocapture nofree noundef nonnull readonly align 64 dereferenceable(64) [[ARG1:%.*]])
[[ATTR0]] {
; IS_________OPM-NEXT:  bb:
; IS_________OPM-NEXT:    [[TMP:%.*]] = load <8 x i64>, <8 x i64>* [[ARG1]], align 64
; IS_________OPM-NEXT:    store <8 x i64> [[TMP]], <8 x i64>* [[ARG]], align 64
; IS_________OPM-NEXT:    ret void
;
; IS_________NPM:
 Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS_________NPM-LABEL: define
{{[^@]+}}@callee_avx512_legal512_prefer256_call_avx512_legal512_prefer512
; IS_________NPM-SAME: (<8 x i64>* noalias nocapture nofree noundef nonnull writeonly align 64
dereferenceable(64) [[ARG:%.*]], <8 x i64> [[TMP0:%.*]]) [[ATTR0]] {
; IS_________NPM-NEXT:  bb:
; IS_________NPM-NEXT:    [[ARG1_PRIV:%.*]] = alloca <8 x i64>, align 64
; IS_________NPM-NEXT:    store <8 x i64> [[TMP0]], <8 x i64>* [[ARG1_PRIV]], align 64
; IS_________NPM-NEXT:    [[TMP:%.*]] = load <8 x i64>, <8 x i64>* [[ARG1_PRIV]], align 64
; IS_________NPM-NEXT:    store <8 x i64> [[TMP]], <8 x i64>* [[ARG]], align 64
; IS_________NPM-NEXT:    ret void
;
bb:
 %tmp = load <8 x i64>, <8 x i64>* %arg1
 store <8 x i64> %tmp, <8 x i64>* %arg
 ret void
}

define void @avx512_legal512_prefer256_call_avx512_legal512_prefer512(<8 x i64>* %arg) #1 {
;
; IS__TUNIT_OPM: Function Attrs: argmemonly inlinehint
 nofree norecurse nosync nounwind uwtable willreturn
; IS__TUNIT_OPM-LABEL: define {{[^@]+}}@avx512_legal512_prefer256_call_avx512_legal512_prefer512
; IS__TUNIT_OPM-SAME: (<8 x i64>* nocapture nofree writeonly [[ARG:%.*]]) [[ATTR1]] {
; IS__TUNIT_OPM-NEXT:  bb:
; IS__TUNIT_OPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_OPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_OPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; IS__TUNIT_OPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6]]
; IS__TUNIT_OPM-NEXT:    call fastcc void
```

```
@callee_avx512_legal512_prefer256_call_avx512_legal512_prefer512(<8 x i64>* nocapture nofree noundef
nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64>* nocapture nofree noundef nonnull readonly
align 64 dereferenceable(64) [[TMP]]) [[ATTR7]]
; IS__TUNIT_OPM-NEXT:
  [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__TUNIT_OPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__TUNIT_OPM-NEXT:    ret void
;
; IS__TUNIT_NPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__TUNIT_NPM-LABEL: define {{[^@]+}}@avx512_legal512_prefer256_call_avx512_legal512_prefer512
; IS__TUNIT_NPM-SAME: (<8 x i64>* nocapture nofree writeonly [[ARG:%.*]]) [[ATTR1]] {
; IS__TUNIT_NPM-NEXT:  bb:
; IS__TUNIT_NPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_NPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_NPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; IS__TUNIT_NPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6]]
; IS__TUNIT_NPM-NEXT:    [[TMP0:%.*]] = load <8 x i64>, <8 x i64>* [[TMP]], align 64
; IS__TUNIT_NPM-NEXT:
  call fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal512_prefer512(<8 x i64>* noalias
nocapture nofree noundef nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64> [[TMP0]])
[[ATTR7]]
; IS__TUNIT_NPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__TUNIT_NPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__TUNIT_NPM-NEXT:    ret void
;
; IS__CGSCC_OPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__CGSCC_OPM-LABEL: define {{[^@]+}}@avx512_legal512_prefer256_call_avx512_legal512_prefer512
; IS__CGSCC_OPM-SAME: (<8 x i64>* nocapture nofree nonnull writeonly align 2 dereferenceable(64)
[[ARG:%.*]]) [[ATTR1]] {
; IS__CGSCC_OPM-NEXT:  bb:
; IS__CGSCC_OPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_OPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_OPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; IS__CGSCC_OPM-NEXT:
  call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly align 64 dereferenceable(64)
[[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6]]
; IS__CGSCC_OPM-NEXT:    call fastcc void
@callee_avx512_legal512_prefer256_call_avx512_legal512_prefer512(<8 x i64>* nocapture nofree noundef
nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64>* nocapture nofree noundef nonnull readonly
align 64 dereferenceable(64) [[TMP]]) [[ATTR7]]
; IS__CGSCC_OPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__CGSCC_OPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__CGSCC_OPM-NEXT:    ret void
;
; IS__CGSCC_NPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__CGSCC_NPM-LABEL: define {{[^@]+}}@avx512_legal512_prefer256_call_avx512_legal512_prefer512
; IS__CGSCC_NPM-SAME: (<8 x i64>* nocapture nofree nonnull writeonly align 2 dereferenceable(64)
```

```
[[ARG:%.*]])
 [[ATTR1]] {
; IS__CGSCC_NPM-NEXT:  bb:
; IS__CGSCC_NPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_NPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_NPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; IS__CGSCC_NPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6]]
; IS__CGSCC_NPM-NEXT:    [[TMP0:%.*]] = load <8 x i64>, <8 x i64>* [[TMP]], align 64
; IS__CGSCC_NPM-NEXT:    call fastcc void
@callee_avx512_legal512_prefer256_call_avx512_legal512_prefer512(<8 x i64>* noalias nocapture nofree
noundef nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64> [[TMP0]]) [[ATTR7]]
; IS__CGSCC_NPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__CGSCC_NPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__CGSCC_NPM-NEXT:    ret void
;
bb:
 %tmp = alloca <8
 x i64>, align 32
 %tmp2 = alloca <8 x i64>, align 32
 %tmp3 = bitcast <8 x i64>* %tmp to i8*
 call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
 call fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal512_prefer512(<8 x i64>* %tmp2, <8 x
i64>* %tmp)
 %tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
 store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
 ret void
}

; This should not promote
define internal fastcc void @callee_avx512_legal256_prefer256_call_avx512_legal512_prefer256(<8 x i64>* %arg,
<8 x i64>* readonly %arg1) #1 {
;
; IS________OPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS________OPM-LABEL: define
{{[^@]+}}@callee_avx512_legal256_prefer256_call_avx512_legal512_prefer256
; IS________OPM-SAME: (<8 x i64>* nocapture nofree noundef nonnull writeonly align 64 dereferenceable(64)
[[ARG:%.*]], <8 x i64>* nocapture nofree noundef nonnull readonly align 64 dereferenceable(64) [[ARG1:%.*]])
 [[ATTR1]] {
; IS________OPM-NEXT:  bb:
; IS________OPM-NEXT:    [[TMP:%.*]] = load <8 x i64>, <8 x i64>* [[ARG1]], align 64
; IS________OPM-NEXT:    store <8 x i64> [[TMP]], <8 x i64>* [[ARG]], align 64
; IS________OPM-NEXT:    ret void
;
; IS________NPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS________NPM-LABEL: define
{{[^@]+}}@callee_avx512_legal256_prefer256_call_avx512_legal512_prefer256
; IS________NPM-SAME: (<8 x i64>* noalias nocapture nofree noundef nonnull writeonly align 64
```

```
dereferenceable(64) [[ARG:%.*]], <8 x i64>* noalias nocapture nofree noundef nonnull readonly align 64
dereferenceable(64) [[ARG1:%.*]]) [[ATTR1]] {
; IS_________NPM-NEXT:  bb:
; IS_________NPM-NEXT:    [[TMP:%.*]] = load <8 x i64>, <8 x i64>* [[ARG1]], align 64
; IS_________NPM-NEXT:    store <8 x i64> [[TMP]], <8 x i64>* [[ARG]], align 64
; IS_________NPM-NEXT:    ret void
;
bb:
 %tmp = load <8 x i64>, <8 x i64>* %arg1
 store <8 x i64> %tmp, <8 x
 i64>* %arg
 ret void
}

define void @avx512_legal256_prefer256_call_avx512_legal512_prefer256(<8 x i64>* %arg) #2 {
;
; IS__TUNIT_OPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__TUNIT_OPM-LABEL: define {{[^@]+}}@avx512_legal256_prefer256_call_avx512_legal512_prefer256
; IS__TUNIT_OPM-SAME: (<8 x i64>* nocapture nofree writeonly [[ARG:%.*]]) [[ATTR2:#.*]] {
; IS__TUNIT_OPM-NEXT:  bb:
; IS__TUNIT_OPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_OPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_OPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; IS__TUNIT_OPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6]]
; IS__TUNIT_OPM-NEXT:    call fastcc void
@callee_avx512_legal256_prefer256_call_avx512_legal512_prefer256(<8 x i64>* nocapture nofree noundef
nonnull writeonly
 align 64 dereferenceable(64) [[TMP2]], <8 x i64>* nocapture nofree noundef nonnull readonly align 64
dereferenceable(64) [[TMP]]) [[ATTR7]]
; IS__TUNIT_OPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__TUNIT_OPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__TUNIT_OPM-NEXT:    ret void
;
; IS__TUNIT_NPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__TUNIT_NPM-LABEL: define {{[^@]+}}@avx512_legal256_prefer256_call_avx512_legal512_prefer256
; IS__TUNIT_NPM-SAME: (<8 x i64>* nocapture nofree writeonly [[ARG:%.*]]) [[ATTR2:#.*]] {
; IS__TUNIT_NPM-NEXT:  bb:
; IS__TUNIT_NPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_NPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_NPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; IS__TUNIT_NPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64)
 [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6]]
; IS__TUNIT_NPM-NEXT:    call fastcc void
@callee_avx512_legal256_prefer256_call_avx512_legal512_prefer256(<8 x i64>* noalias nocapture nofree
noundef nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64>* noalias nocapture nofree noundef
nonnull readonly align 64 dereferenceable(64) [[TMP]]) [[ATTR7]]
```

```
; IS__TUNIT_NPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__TUNIT_NPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__TUNIT_NPM-NEXT:    ret void
;
; IS__CGSCC_OPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__CGSCC_OPM-LABEL: define {{[^@]+}}@avx512_legal256_prefer256_call_avx512_legal512_prefer256
; IS__CGSCC_OPM-SAME: (<8 x i64>* nocapture nofree nonnull writeonly align 2 dereferenceable(64)
[[ARG:%.*]]) [[ATTR2:#.*]] {
; IS__CGSCC_OPM-NEXT:  bb:
; IS__CGSCC_OPM-NEXT:    [[TMP:%.*]] = alloca
 <8 x i64>, align 32
; IS__CGSCC_OPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_OPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; IS__CGSCC_OPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6]]
; IS__CGSCC_OPM-NEXT:    call fastcc void
@callee_avx512_legal256_prefer256_call_avx512_legal512_prefer256(<8 x i64>* nocapture nofree noundef
nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64>* nocapture nofree noundef nonnull readonly
align 64 dereferenceable(64) [[TMP]]) [[ATTR7]]
; IS__CGSCC_OPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__CGSCC_OPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__CGSCC_OPM-NEXT:    ret void
;
; IS__CGSCC_NPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__CGSCC_NPM-LABEL: define
 {{[^@]+}}@avx512_legal256_prefer256_call_avx512_legal512_prefer256
; IS__CGSCC_NPM-SAME: (<8 x i64>* nocapture nofree nonnull writeonly align 2 dereferenceable(64)
[[ARG:%.*]]) [[ATTR2:#.*]] {
; IS__CGSCC_NPM-NEXT:  bb:
; IS__CGSCC_NPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_NPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_NPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; IS__CGSCC_NPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6]]
; IS__CGSCC_NPM-NEXT:    call fastcc void
@callee_avx512_legal256_prefer256_call_avx512_legal512_prefer256(<8 x i64>* noalias nocapture nofree
noundef nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64>* noalias nocapture nofree noundef
nonnull readonly align 64 dereferenceable(64) [[TMP]]) [[ATTR7]]
; IS__CGSCC_NPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>,
 <8 x i64>* [[TMP2]], align 64
; IS__CGSCC_NPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__CGSCC_NPM-NEXT:    ret void
;
bb:
 %tmp = alloca <8 x i64>, align 32
 %tmp2 = alloca <8 x i64>, align 32
 %tmp3 = bitcast <8 x i64>* %tmp to i8*
 call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
```

```
 call fastcc void @callee_avx512_legal256_prefer256_call_avx512_legal512_prefer256(<8 x i64>* %tmp2, <8 x
i64>* %tmp)
 %tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
 store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
 ret void
}

; This should not promote
define internal fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal256_prefer256(<8 x i64>* %arg,
<8 x i64>* readonly %arg1) #2 {
;
; IS_________OPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS_________OPM-LABEL: define
{{[^@]+}}@callee_avx512_legal512_prefer256_call_avx512_legal256_prefer256
; IS_________OPM-SAME: (<8 x i64>* nocapture
 nofree noundef nonnull writeonly align 64 dereferenceable(64) [[ARG:%.*]], <8 x i64>* nocapture nofree noundef
nonnull readonly align 64 dereferenceable(64) [[ARG1:%.*]]) [[ATTR2:#.*]] {
; IS_________OPM-NEXT:  bb:
; IS_________OPM-NEXT:    [[TMP:%.*]] = load <8 x i64>, <8 x i64>* [[ARG1]], align 64
; IS_________OPM-NEXT:    store <8 x i64> [[TMP]], <8 x i64>* [[ARG]], align 64
; IS_________OPM-NEXT:    ret void
;
; IS_________NPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS_________NPM-LABEL: define
{{[^@]+}}@callee_avx512_legal512_prefer256_call_avx512_legal256_prefer256
; IS_________NPM-SAME: (<8 x i64>* noalias nocapture nofree noundef nonnull writeonly align 64
dereferenceable(64) [[ARG:%.*]], <8 x i64>* noalias nocapture nofree noundef nonnull readonly align 64
dereferenceable(64) [[ARG1:%.*]]) [[ATTR2:#.*]] {
; IS_________NPM-NEXT:  bb:
; IS_________NPM-NEXT:    [[TMP:%.*]] = load <8 x i64>, <8 x i64>* [[ARG1]], align 64
; IS_________NPM-NEXT:
    store <8 x i64> [[TMP]], <8 x i64>* [[ARG]], align 64
; IS_________NPM-NEXT:    ret void
;
bb:
 %tmp = load <8 x i64>, <8 x i64>* %arg1
 store <8 x i64> %tmp, <8 x i64>* %arg
 ret void
}

define void @avx512_legal512_prefer256_call_avx512_legal256_prefer256(<8 x i64>* %arg) #1 {
;
; IS__TUNIT_OPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__TUNIT_OPM-LABEL: define {{[^@]+}}@avx512_legal512_prefer256_call_avx512_legal256_prefer256
; IS__TUNIT_OPM-SAME: (<8 x i64>* nocapture nofree writeonly [[ARG:%.*]]) [[ATTR1]] {
; IS__TUNIT_OPM-NEXT:  bb:
; IS__TUNIT_OPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_OPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
```

```
; IS__TUNIT_OPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; IS__TUNIT_OPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef
 false) [[ATTR6]]
; IS__TUNIT_OPM-NEXT:    call fastcc void
@callee_avx512_legal512_prefer256_call_avx512_legal256_prefer256(<8 x i64>* nocapture nofree noundef
nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64>* nocapture nofree noundef nonnull readonly
align 64 dereferenceable(64) [[TMP]]) [[ATTR7]]
; IS__TUNIT_OPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__TUNIT_OPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__TUNIT_OPM-NEXT:    ret void
;
; IS__TUNIT_NPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__TUNIT_NPM-LABEL: define {{[^@]+}}@avx512_legal512_prefer256_call_avx512_legal256_prefer256
; IS__TUNIT_NPM-SAME: (<8 x i64>* nocapture nofree writeonly [[ARG:%.*]]) [[ATTR1]] {
; IS__TUNIT_NPM-NEXT:  bb:
; IS__TUNIT_NPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_NPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_NPM-NEXT:    [[TMP3:%.*]]
 = bitcast <8 x i64>* [[TMP]] to i8*
; IS__TUNIT_NPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6]]
; IS__TUNIT_NPM-NEXT:    call fastcc void
@callee_avx512_legal512_prefer256_call_avx512_legal256_prefer256(<8 x i64>* noalias nocapture nofree
noundef nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64>* noalias nocapture nofree noundef
nonnull readonly align 64 dereferenceable(64) [[TMP]]) [[ATTR7]]
; IS__TUNIT_NPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__TUNIT_NPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__TUNIT_NPM-NEXT:    ret void
;
; IS__CGSCC_OPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__CGSCC_OPM-LABEL: define {{[^@]+}}@avx512_legal512_prefer256_call_avx512_legal256_prefer256
; IS__CGSCC_OPM-SAME: (<8 x i64>*
 nocapture nofree nonnull writeonly align 2 dereferenceable(64) [[ARG:%.*]]) [[ATTR1]] {
; IS__CGSCC_OPM-NEXT:  bb:
; IS__CGSCC_OPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_OPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_OPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; IS__CGSCC_OPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6]]
; IS__CGSCC_OPM-NEXT:    call fastcc void
@callee_avx512_legal512_prefer256_call_avx512_legal256_prefer256(<8 x i64>* nocapture nofree noundef
nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64>* nocapture nofree noundef nonnull readonly
align 64 dereferenceable(64) [[TMP]]) [[ATTR7]]
; IS__CGSCC_OPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__CGSCC_OPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__CGSCC_OPM-NEXT:
```

```
    ret void
;
; IS__CGSCC_NPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__CGSCC_NPM-LABEL: define {{[^@]+}}@avx512_legal512_prefer256_call_avx512_legal256_prefer256
; IS__CGSCC_NPM-SAME: (<8 x i64>* nocapture nofree nonnull writeonly align 2 dereferenceable(64)
[[ARG:%.*]]) [[ATTR1]] {
; IS__CGSCC_NPM-NEXT:  bb:
; IS__CGSCC_NPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_NPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_NPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; IS__CGSCC_NPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6]]
; IS__CGSCC_NPM-NEXT:    call fastcc void
@callee_avx512_legal512_prefer256_call_avx512_legal256_prefer256(<8 x i64>* noalias nocapture nofree
noundef nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8
 x i64>* noalias nocapture nofree noundef nonnull readonly align 64 dereferenceable(64) [[TMP]]) [[ATTR7]]
; IS__CGSCC_NPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__CGSCC_NPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__CGSCC_NPM-NEXT:    ret void
;
bb:
 %tmp = alloca <8 x i64>, align 32
 %tmp2 = alloca <8 x i64>, align 32
 %tmp3 = bitcast <8 x i64>* %tmp to i8*
 call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
 call fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal256_prefer256(<8 x i64>* %tmp2, <8 x
i64>* %tmp)
 %tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
 store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
 ret void
}

; This should promote
define internal fastcc void @callee_avx2_legal256_prefer256_call_avx2_legal512_prefer256(<8 x i64>* %arg, <8
x i64>* readonly %arg1) #3 {
;
; IS________OPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
;
 IS________OPM-LABEL: define {{[^@]+}}@callee_avx2_legal256_prefer256_call_avx2_legal512_prefer256
; IS________OPM-SAME: (<8 x i64>* nocapture nofree noundef nonnull writeonly align 64 dereferenceable(64)
[[ARG:%.*]], <8 x i64>* nocapture nofree noundef nonnull readonly align 64 dereferenceable(64) [[ARG1:%.*]])
[[ATTR3:#.*]] {
; IS________OPM-NEXT:  bb:
; IS________OPM-NEXT:    [[TMP:%.*]] = load <8 x i64>, <8 x i64>* [[ARG1]], align 64
; IS________OPM-NEXT:    store <8 x i64> [[TMP]], <8 x i64>* [[ARG]], align 64
; IS________OPM-NEXT:    ret void
;
; IS________NPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
```

```
; IS_________NPM-LABEL: define {{[^@]+}}@callee_avx2_legal256_prefer256_call_avx2_legal512_prefer256
; IS_________NPM-SAME: (<8 x i64>* noalias nocapture nofree noundef nonnull writeonly align 64
dereferenceable(64) [[ARG:%.*]], <8 x i64> [[TMP0:%.*]]) [[ATTR3:#.*]] {
; IS_________NPM-NEXT:  bb:
; IS_________NPM-NEXT:    [[ARG1_PRIV:%.*]]
 = alloca <8 x i64>, align 64
; IS_________NPM-NEXT:    store <8 x i64> [[TMP0]], <8 x i64>* [[ARG1_PRIV]], align 64
; IS_________NPM-NEXT:    [[TMP:%.*]] = load <8 x i64>, <8 x i64>* [[ARG1_PRIV]], align 64
; IS_________NPM-NEXT:    store <8 x i64> [[TMP]], <8 x i64>* [[ARG]], align 64
; IS_________NPM-NEXT:    ret void
;
bb:
 %tmp = load <8 x i64>, <8 x i64>* %arg1
 store <8 x i64> %tmp, <8 x i64>* %arg
 ret void
}

define void @avx2_legal256_prefer256_call_avx2_legal512_prefer256(<8 x i64>* %arg) #4 {
;
; IS__TUNIT_OPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__TUNIT_OPM-LABEL: define {{[^@]+}}@avx2_legal256_prefer256_call_avx2_legal512_prefer256
; IS__TUNIT_OPM-SAME: (<8 x i64>* nocapture nofree writeonly [[ARG:%.*]]) [[ATTR4:#.*]] {
; IS__TUNIT_OPM-NEXT:  bb:
; IS__TUNIT_OPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_OPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_OPM-NEXT:    [[TMP3:%.*]]
 = bitcast <8 x i64>* [[TMP]] to i8*
; IS__TUNIT_OPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6]]
; IS__TUNIT_OPM-NEXT:    call fastcc void
@callee_avx2_legal256_prefer256_call_avx2_legal512_prefer256(<8 x i64>* nocapture nofree noundef nonnull
writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64>* nocapture nofree noundef nonnull readonly align 64
dereferenceable(64) [[TMP]]) [[ATTR7]]
; IS__TUNIT_OPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__TUNIT_OPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__TUNIT_OPM-NEXT:    ret void
;
; IS__TUNIT_NPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__TUNIT_NPM-LABEL: define {{[^@]+}}@avx2_legal256_prefer256_call_avx2_legal512_prefer256
; IS__TUNIT_NPM-SAME: (<8 x i64>* nocapture nofree writeonly
 [[ARG:%.*]]) [[ATTR4:#.*]] {
; IS__TUNIT_NPM-NEXT:  bb:
; IS__TUNIT_NPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_NPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_NPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; IS__TUNIT_NPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6]]
; IS__TUNIT_NPM-NEXT:    [[TMP0:%.*]] = load <8 x i64>, <8 x i64>* [[TMP]], align 64
```

```
; IS__TUNIT_NPM-NEXT:    call fastcc void
@callee_avx2_legal256_prefer256_call_avx2_legal512_prefer256(<8 x i64>* noalias nocapture nofree noundef
nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64> [[TMP0]]) [[ATTR7]]
; IS__TUNIT_NPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__TUNIT_NPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__TUNIT_NPM-NEXT:    ret void
;
; IS__CGSCC_OPM:
 Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__CGSCC_OPM-LABEL: define {{[^@]+}}@avx2_legal256_prefer256_call_avx2_legal512_prefer256
; IS__CGSCC_OPM-SAME: (<8 x i64>* nocapture nofree nonnull writeonly align 2 dereferenceable(64)
[[ARG:%.*]]) [[ATTR4:#.*]] {
; IS__CGSCC_OPM-NEXT:  bb:
; IS__CGSCC_OPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_OPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_OPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; IS__CGSCC_OPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6]]
; IS__CGSCC_OPM-NEXT:    call fastcc void
@callee_avx2_legal256_prefer256_call_avx2_legal512_prefer256(<8 x i64>* nocapture nofree noundef nonnull
writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64>* nocapture nofree noundef nonnull readonly
 align 64 dereferenceable(64) [[TMP]]) [[ATTR7]]
; IS__CGSCC_OPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__CGSCC_OPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__CGSCC_OPM-NEXT:    ret void
;
; IS__CGSCC_NPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__CGSCC_NPM-LABEL: define {{[^@]+}}@avx2_legal256_prefer256_call_avx2_legal512_prefer256
; IS__CGSCC_NPM-SAME: (<8 x i64>* nocapture nofree nonnull writeonly align 2 dereferenceable(64)
[[ARG:%.*]]) [[ATTR4:#.*]] {
; IS__CGSCC_NPM-NEXT:  bb:
; IS__CGSCC_NPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_NPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_NPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; IS__CGSCC_NPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false)
 [[ATTR6]]
; IS__CGSCC_NPM-NEXT:    [[TMP0:%.*]] = load <8 x i64>, <8 x i64>* [[TMP]], align 64
; IS__CGSCC_NPM-NEXT:    call fastcc void
@callee_avx2_legal256_prefer256_call_avx2_legal512_prefer256(<8 x i64>* noalias nocapture nofree noundef
nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64> [[TMP0]]) [[ATTR7]]
; IS__CGSCC_NPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__CGSCC_NPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__CGSCC_NPM-NEXT:    ret void
;
bb:
 %tmp = alloca <8 x i64>, align 32
 %tmp2 = alloca <8 x i64>, align 32
```

```
 %tmp3 = bitcast <8 x i64>* %tmp to i8*
 call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
 call fastcc void @callee_avx2_legal256_prefer256_call_avx2_legal512_prefer256(<8 x i64>* %tmp2, <8 x i64>*
%tmp)
 %tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
 store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
 ret void
}

; This should promote
define internal fastcc
 void @callee_avx2_legal512_prefer256_call_avx2_legal256_prefer256(<8 x i64>* %arg, <8 x i64>* readonly
%arg1) #4 {
;
; IS_________OPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS_________OPM-LABEL: define {{[^@]+}}@callee_avx2_legal512_prefer256_call_avx2_legal256_prefer256
; IS_________OPM-SAME: (<8 x i64>* nocapture nofree noundef nonnull writeonly align 64 dereferenceable(64)
[[ARG:%.*]], <8 x i64>* nocapture nofree noundef nonnull readonly align 64 dereferenceable(64) [[ARG1:%.*]])
[[ATTR4:#.*]] {
; IS_________OPM-NEXT:  bb:
; IS_________OPM-NEXT:    [[TMP:%.*]] = load <8 x i64>, <8 x i64>* [[ARG1]], align 64
; IS_________OPM-NEXT:    store <8 x i64> [[TMP]], <8 x i64>* [[ARG]], align 64
; IS_________OPM-NEXT:    ret void
;
; IS_________NPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS_________NPM-LABEL: define {{[^@]+}}@callee_avx2_legal512_prefer256_call_avx2_legal256_prefer256
; IS_________NPM-SAME:
 (<8 x i64>* noalias nocapture nofree noundef nonnull writeonly align 64 dereferenceable(64) [[ARG:%.*]], <8 x
i64> [[TMP0:%.*]]) [[ATTR4:#.*]] {
; IS_________NPM-NEXT:  bb:
; IS_________NPM-NEXT:    [[ARG1_PRIV:%.*]] = alloca <8 x i64>, align 64
; IS_________NPM-NEXT:    store <8 x i64> [[TMP0]], <8 x i64>* [[ARG1_PRIV]], align 64
; IS_________NPM-NEXT:    [[TMP:%.*]] = load <8 x i64>, <8 x i64>* [[ARG1_PRIV]], align 64
; IS_________NPM-NEXT:    store <8 x i64> [[TMP]], <8 x i64>* [[ARG]], align 64
; IS_________NPM-NEXT:    ret void
;
bb:
 %tmp = load <8 x i64>, <8 x i64>* %arg1
 store <8 x i64> %tmp, <8 x i64>* %arg
 ret void
}

define void @avx2_legal512_prefer256_call_avx2_legal256_prefer256(<8 x i64>* %arg) #3 {
;
; IS__TUNIT_OPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__TUNIT_OPM-LABEL: define {{[^@]+}}@avx2_legal512_prefer256_call_avx2_legal256_prefer256
; IS__TUNIT_OPM-SAME: (<8 x i64>* nocapture nofree writeonly
```

```
 [[ARG:%.*]]) [[ATTR3:#.*]] {
; IS__TUNIT_OPM-NEXT:  bb:
; IS__TUNIT_OPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_OPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_OPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; IS__TUNIT_OPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6]]
; IS__TUNIT_OPM-NEXT:    call fastcc void
@callee_avx2_legal512_prefer256_call_avx2_legal256_prefer256(<8 x i64>* nocapture nofree noundef nonnull
writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64>* nocapture nofree noundef nonnull readonly align 64
dereferenceable(64) [[TMP]]) [[ATTR7]]
; IS__TUNIT_OPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__TUNIT_OPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__TUNIT_OPM-NEXT:    ret void
;
; IS__TUNIT_NPM: Function Attrs: argmemonly
 inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__TUNIT_NPM-LABEL: define {{[^@]+}}@avx2_legal512_prefer256_call_avx2_legal256_prefer256
; IS__TUNIT_NPM-SAME: (<8 x i64>* nocapture nofree writeonly [[ARG:%.*]]) [[ATTR3:#.*]] {
; IS__TUNIT_NPM-NEXT:  bb:
; IS__TUNIT_NPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_NPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__TUNIT_NPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; IS__TUNIT_NPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6]]
; IS__TUNIT_NPM-NEXT:    [[TMP0:%.*]] = load <8 x i64>, <8 x i64>* [[TMP]], align 64
; IS__TUNIT_NPM-NEXT:    call fastcc void
@callee_avx2_legal512_prefer256_call_avx2_legal256_prefer256(<8 x i64>* noalias nocapture nofree noundef
nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64> [[TMP0]]) [[ATTR7]]
;
 IS__TUNIT_NPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__TUNIT_NPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__TUNIT_NPM-NEXT:    ret void
;
; IS__CGSCC_OPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__CGSCC_OPM-LABEL: define {{[^@]+}}@avx2_legal512_prefer256_call_avx2_legal256_prefer256
; IS__CGSCC_OPM-SAME: (<8 x i64>* nocapture nofree nonnull writeonly align 2 dereferenceable(64)
[[ARG:%.*]]) [[ATTR3:#.*]] {
; IS__CGSCC_OPM-NEXT:  bb:
; IS__CGSCC_OPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_OPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_OPM-NEXT:    [[TMP3:%.*]] = bitcast <8 x i64>* [[TMP]] to i8*
; IS__CGSCC_OPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6]]
; IS__CGSCC_OPM-NEXT:    call fastcc
 void @callee_avx2_legal512_prefer256_call_avx2_legal256_prefer256(<8 x i64>* nocapture nofree noundef
nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64>* nocapture nofree noundef nonnull readonly
align 64 dereferenceable(64) [[TMP]]) [[ATTR7]]
```

```
; IS__CGSCC_OPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__CGSCC_OPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__CGSCC_OPM-NEXT:    ret void
;
; IS__CGSCC_NPM: Function Attrs: argmemonly inlinehint nofree norecurse nosync nounwind uwtable willreturn
; IS__CGSCC_NPM-LABEL: define {{[^@]+}}@avx2_legal512_prefer256_call_avx2_legal256_prefer256
; IS__CGSCC_NPM-SAME: (<8 x i64>* nocapture nofree nonnull writeonly align 2 dereferenceable(64)
[[ARG:%.*]]) [[ATTR3:#.*]] {
; IS__CGSCC_NPM-NEXT:  bb:
; IS__CGSCC_NPM-NEXT:    [[TMP:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_NPM-NEXT:    [[TMP2:%.*]] = alloca <8 x i64>, align 32
; IS__CGSCC_NPM-NEXT:    [[TMP3:%.*]] = bitcast
 <8 x i64>* [[TMP]] to i8*
; IS__CGSCC_NPM-NEXT:    call void @llvm.memset.p0i8.i64(i8* nocapture nofree noundef nonnull writeonly
align 64 dereferenceable(64) [[TMP3]], i8 noundef 0, i64 noundef 32, i1 noundef false) [[ATTR6]]
; IS__CGSCC_NPM-NEXT:    [[TMP0:%.*]] = load <8 x i64>, <8 x i64>* [[TMP]], align 64
; IS__CGSCC_NPM-NEXT:    call fastcc void
@callee_avx2_legal512_prefer256_call_avx2_legal256_prefer256(<8 x i64>* noalias nocapture nofree noundef
nonnull writeonly align 64 dereferenceable(64) [[TMP2]], <8 x i64> [[TMP0]]) [[ATTR7]]
; IS__CGSCC_NPM-NEXT:    [[TMP4:%.*]] = load <8 x i64>, <8 x i64>* [[TMP2]], align 64
; IS__CGSCC_NPM-NEXT:    store <8 x i64> [[TMP4]], <8 x i64>* [[ARG]], align 2
; IS__CGSCC_NPM-NEXT:    ret void
;
bb:
 %tmp = alloca <8 x i64>, align 32
 %tmp2 = alloca <8 x i64>, align 32
 %tmp3 = bitcast <8 x i64>* %tmp to i8*
 call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
 call fastcc void @callee_avx2_legal512_prefer256_call_avx2_legal256_prefer256(<8
 x i64>* %tmp2, <8 x i64>* %tmp)
 %tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
 store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
 ret void
}

; Function Attrs: argmemonly nounwind
declare void @llvm.memset.p0i8.i64(i8* nocapture writeonly, i8, i64, i1) #5

attributes #0 = { inlinehint norecurse nounwind uwtable "target-features"="+avx512vl" "min-legal-vector-
width"="512" "prefer-vector-width"="512" }
attributes #1 = { inlinehint norecurse nounwind uwtable "target-features"="+avx512vl" "min-legal-vector-
width"="512" "prefer-vector-width"="256" }
attributes #2 = { inlinehint norecurse nounwind uwtable "target-features"="+avx512vl" "min-legal-vector-
width"="256" "prefer-vector-width"="256" }
attributes #3 = { inlinehint norecurse nounwind uwtable "target-features"="+avx2" "min-legal-vector-width"="512"
"prefer-vector-width"="256" }
attributes #4 = { inlinehint norecurse nounwind uwtable "target-features"="+avx2" "min-legal-vector-width"="256"
"prefer-vector-width"="256"
```

}
attributes #5 = { argmemonly nounwind }
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```
add_lldb_library(lldbPluginObjectContainerBSDArchive PLUGIN
 ObjectContainerBSDArchive.cpp

 LINK_LIBS
   lldbCore
   lldbHost
   lldbSymbol
 LINK_COMPONENTS
   Support
 )
; RUN: llc -march=hexagon -hexagon-hvx-widen=32 < %s | FileCheck %s

; Truncating a type-to-be-widenened to a legal type (v8i8).
; Check that this compiles successfully.
; CHECK-LABEL: f0:
; CHECK: dealloc_return

target datalayout = "e-m:e-p:32:32:32-a:0-n16:32-i64:64:64-i32:32:32-i16:16:16-i1:8:8-f32:32:32-f64:64:64-v32:32:32-v64:64:64-v512:512:512-v1024:1024:1024-v2048:2048:2048"
target triple = "hexagon"

define dllexport void @f0(i8* %a0) local_unnamed_addr #0 {
b0:
 %v0 = load i8, i8* undef, align 1
 %v1 = zext i8 %v0 to i16
 %v2 = add i16 0, %v1
 %v3 = icmp sgt i16 %v2, 1
 %v4 = select i1 %v3, i16 %v2, i16 1
 %v5 = udiv i16 -32768, %v4
 %v6 = zext i16 %v5 to i32
 %v7 = insertelement <8 x i32> undef, i32 %v6, i32 0
 %v8 = shufflevector <8 x i32> %v7, <8 x i32> undef, <8 x i32> zeroinitializer
 %v9 = load <8 x i16>, <8 x i16>* undef, align 2
 %v10 = sext <8 x i16> %v9 to <8 x i32>
 %v11 = mul nsw <8 x i32> %v8, %v10
 %v12 = add nsw <8 x i32> %v11, <i32 16384, i32 16384,
 i32 16384, i32 16384, i32 16384, i32 16384, i32 16384, i32 16384>
 %v13 = lshr <8 x i32> %v12, <i32 15, i32 15, i32 15, i32 15, i32 15, i32 15, i32 15, i32 15>
 %v14 = trunc <8 x i32> %v13 to <8 x i8>
 %v15 = getelementptr inbounds i8, i8* %a0, i32 undef
 %v16 = bitcast i8* %v15 to <8 x i8>*
 store <8 x i8> %v14, <8 x i8>* %v16, align 1
 ret void
```

```
}

attributes #0 = { "target-features"="+hvx,+hvx-length128b" }
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#
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#
# https://developers.google.com/open-source/cla/individual
# https://developers.google.com/open-source/cla/corporate
#
# The agreement for individuals can be filled out on the web.
#
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# added to the AUTHORS file, depending on whether the
# individual or corporate CLA was used.
#
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#     Name <email address>
#
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; RUN: opt < %s -cost-model -analyze -mtriple=x86_64-apple-macosx10.8.0 -mattr=+avx2 | FileCheck %s --check-prefixes=VEC256,AVX
; RUN: opt < %s -cost-model -analyze -mtriple=x86_64-apple-macosx10.8.0 -mattr=+avx512vl,+prefer-256-bit | FileCheck %s --check-prefixes=VEC256,AVX512VL256
; RUN: opt < %s -cost-model -analyze -mtriple=x86_64-apple-macosx10.8.0 -mattr=+avx512vl,-prefer-256-bit | FileCheck %s --check-prefixes=AVX512VL512
; RUN: opt < %s -cost-model -analyze -mtriple=x86_64-apple-macosx10.8.0 -mattr=+avx512vl,+avx512bw,+avx512dq,+prefer-256-bit | FileCheck %s --check-prefixes=VEC256,SKX256
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define void @zext256() "min-legal-vector-width"="256" {
; VEC256-LABEL: 'zext256'
; VEC256-NEXT: Cost Model: Found an estimated cost of 3 for instruction:

```
 %A = zext <8 x i16> undef to <8 x i64>
; VEC256-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %B = zext <8 x i32> undef to <8 x
i64>
; VEC256-NEXT:  Cost Model: Found an estimated cost of 4 for instruction: %C = zext <16 x i8> undef to <16 x
i32>
; VEC256-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %D = zext <16 x i16> undef to <16 x
i32>
; VEC256-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %E = zext <32 x i8> undef to <32 x
i16>
; VEC256-NEXT:  Cost Model: Found an estimated cost of 0 for instruction: ret void
;
; AVX512VL512-LABEL: 'zext256'
; AVX512VL512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %A = zext <8 x i16> undef to
<8 x i64>
; AVX512VL512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %B = zext <8 x i32> undef to
<8 x i64>
; AVX512VL512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %C = zext <16 x i8> undef to
<16 x i32>
; AVX512VL512-NEXT:  Cost
 Model: Found an estimated cost of 1 for instruction: %D = zext <16 x i16> undef to <16 x i32>
; AVX512VL512-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %E = zext <32 x i8> undef to
<32 x i16>
; AVX512VL512-NEXT:  Cost Model: Found an estimated cost of 0 for instruction: ret void
;
; SKX512-LABEL: 'zext256'
; SKX512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %A = zext <8 x i16> undef to <8 x
i64>
; SKX512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %B = zext <8 x i32> undef to <8 x
i64>
; SKX512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %C = zext <16 x i8> undef to <16 x
i32>
; SKX512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %D = zext <16 x i16> undef to <16 x
i32>
; SKX512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %E = zext <32 x i8> undef to <32 x
i16>
; SKX512-NEXT:  Cost Model: Found an estimated cost of 0 for instruction: ret void
;
 %A = zext <8
 x i16> undef to <8 x i64>
 %B = zext <8 x i32> undef to <8 x i64>
 %C = zext <16 x i8> undef to <16 x i32>
 %D = zext <16 x i16> undef to <16 x i32>
 %E = zext <32 x i8> undef to <32 x i16>
 ret void
}

define void @zext512() "min-legal-vector-width"="512" {
; AVX-LABEL: 'zext512'
```

```
; AVX-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %A = zext <8 x i16> undef to <8 x i64>
; AVX-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %B = zext <8 x i32> undef to <8 x i64>
; AVX-NEXT:  Cost Model: Found an estimated cost of 4 for instruction: %C = zext <16 x i8> undef to <16 x i32>
; AVX-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %D = zext <16 x i16> undef to <16 x
i32>
; AVX-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %E = zext <32 x i8> undef to <32 x i16>
; AVX-NEXT:  Cost Model: Found an estimated cost of 0 for instruction: ret void
;
; AVX512VL256-LABEL: 'zext512'
; AVX512VL256-NEXT:  Cost Model: Found an estimated
 cost of 1 for instruction: %A = zext <8 x i16> undef to <8 x i64>
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %B = zext <8 x i32> undef to
<8 x i64>
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %C = zext <16 x i8> undef to
<16 x i32>
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %D = zext <16 x i16> undef to
<16 x i32>
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %E = zext <32 x i8> undef to
<32 x i16>
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 0 for instruction: ret void
;
; AVX512VL512-LABEL: 'zext512'
; AVX512VL512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %A = zext <8 x i16> undef to
<8 x i64>
; AVX512VL512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %B = zext <8 x i32> undef to
<8 x i64>
; AVX512VL512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %C = zext <16 x
 i8> undef to <16 x i32>
; AVX512VL512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %D = zext <16 x i16> undef to
<16 x i32>
; AVX512VL512-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %E = zext <32 x i8> undef to
<32 x i16>
; AVX512VL512-NEXT:  Cost Model: Found an estimated cost of 0 for instruction: ret void
;
; SKX256-LABEL: 'zext512'
; SKX256-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %A = zext <8 x i16> undef to <8 x
i64>
; SKX256-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %B = zext <8 x i32> undef to <8 x
i64>
; SKX256-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %C = zext <16 x i8> undef to <16 x
i32>
; SKX256-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %D = zext <16 x i16> undef to <16 x
i32>
; SKX256-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %E = zext <32 x i8> undef to <32 x
i16>
; SKX256-NEXT:  Cost Model: Found an estimated cost
 of 0 for instruction: ret void
;
```

```
; SKX512-LABEL: 'zext512'
; SKX512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %A = zext <8 x i16> undef to <8 x
i64>
; SKX512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %B = zext <8 x i32> undef to <8 x
i64>
; SKX512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %C = zext <16 x i8> undef to <16 x
i32>
; SKX512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %D = zext <16 x i16> undef to <16 x
i32>
; SKX512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %E = zext <32 x i8> undef to <32 x
i16>
; SKX512-NEXT:  Cost Model: Found an estimated cost of 0 for instruction: ret void
;
 %A = zext <8 x i16> undef to <8 x i64>
 %B = zext <8 x i32> undef to <8 x i64>
 %C = zext <16 x i8> undef to <16 x i32>
 %D = zext <16 x i16> undef to <16 x i32>
 %E = zext <32 x i8> undef to <32 x i16>
 ret void
}

define void @sext256() "min-legal-vector-width"="256" {
; VEC256-LABEL:
 'sext256'
; VEC256-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %A = sext <8 x i8> undef to <8 x i64>
; VEC256-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %B = sext <8 x i16> undef to <8 x
i64>
; VEC256-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %C = sext <8 x i32> undef to <8 x
i64>
; VEC256-NEXT:  Cost Model: Found an estimated cost of 4 for instruction: %D = sext <16 x i8> undef to <16 x
i32>
; VEC256-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %E = sext <16 x i16> undef to <16 x
i32>
; VEC256-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %F = sext <32 x i8> undef to <32 x
i16>
; VEC256-NEXT:  Cost Model: Found an estimated cost of 0 for instruction: ret void
;
; AVX512VL512-LABEL: 'sext256'
; AVX512VL512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %A = sext <8 x i8> undef to <8
x i64>
; AVX512VL512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction:
 %B = sext <8 x i16> undef to <8 x i64>
; AVX512VL512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %C = sext <8 x i32> undef to
<8 x i64>
; AVX512VL512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %D = sext <16 x i8> undef to
<16 x i32>
; AVX512VL512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %E = sext <16 x i16> undef to
<16 x i32>
```

```
; AVX512VL512-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %F = sext <32 x i8> undef to
<32 x i16>
; AVX512VL512-NEXT:  Cost Model: Found an estimated cost of 0 for instruction: ret void
;
; SKX512-LABEL: 'sext256'
; SKX512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %A = sext <8 x i8> undef to <8 x i64>
; SKX512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %B = sext <8 x i16> undef to <8 x
i64>
; SKX512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %C = sext <8 x i32> undef to <8 x
i64>
; SKX512-NEXT:  Cost
 Model: Found an estimated cost of 1 for instruction: %D = sext <16 x i8> undef to <16 x i32>
; SKX512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %E = sext <16 x i16> undef to <16 x
i32>
; SKX512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %F = sext <32 x i8> undef to <32 x
i16>
; SKX512-NEXT:  Cost Model: Found an estimated cost of 0 for instruction: ret void
;
 %A = sext <8 x i8> undef to <8 x i64>
 %B = sext <8 x i16> undef to <8 x i64>
 %C = sext <8 x i32> undef to <8 x i64>
 %D = sext <16 x i8> undef to <16 x i32>
 %E = sext <16 x i16> undef to <16 x i32>
 %F = sext <32 x i8> undef to <32 x i16>
 ret void
}

define void @sext512() "min-legal-vector-width"="512" {
; AVX-LABEL: 'sext512'
; AVX-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %A = sext <8 x i8> undef to <8 x i64>
; AVX-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %B = sext <8 x i16> undef to <8 x i64>
; AVX-NEXT:  Cost Model: Found
 an estimated cost of 3 for instruction: %C = sext <8 x i32> undef to <8 x i64>
; AVX-NEXT:  Cost Model: Found an estimated cost of 4 for instruction: %D = sext <16 x i8> undef to <16 x i32>
; AVX-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %E = sext <16 x i16> undef to <16 x i32>
; AVX-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %F = sext <32 x i8> undef to <32 x i16>
; AVX-NEXT:  Cost Model: Found an estimated cost of 0 for instruction: ret void
;
; AVX512VL256-LABEL: 'sext512'
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %A = sext <8 x i8> undef to <8
x i64>
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %B = sext <8 x i16> undef to
<8 x i64>
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %C = sext <8 x i32> undef to
<8 x i64>
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %D = sext <16 x i8> undef to
<16 x i32>
;
```

AVX512VL256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %E = sext <16 x i16> undef to <16 x i32>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %F = sext <32 x i8> undef to <32 x i16>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void
;
; AVX512VL512-LABEL: 'sext512'
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %A = sext <8 x i8> undef to <8 x i64>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %B = sext <8 x i16> undef to <8 x i64>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %C = sext <8 x i32> undef to <8 x i64>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %D = sext <16 x i8> undef to <16 x i32>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %E = sext <16 x i16> undef to <16 x i32>
; AVX512VL512-NEXT: Cost Model: Found an estimated
 cost of 3 for instruction: %F = sext <32 x i8> undef to <32 x i16>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void
;
; SKX256-LABEL: 'sext512'
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %A = sext <8 x i8> undef to <8 x i64>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %B = sext <8 x i16> undef to <8 x i64>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %C = sext <8 x i32> undef to <8 x i64>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %D = sext <16 x i8> undef to <16 x i32>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %E = sext <16 x i16> undef to <16 x i32>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %F = sext <32 x i8> undef to <32 x i16>
; SKX256-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void
;
; SKX512-LABEL: 'sext512'
; SKX512-NEXT: Cost Model:
 Found an estimated cost of 1 for instruction: %A = sext <8 x i8> undef to <8 x i64>
; SKX512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %B = sext <8 x i16> undef to <8 x i64>
; SKX512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %C = sext <8 x i32> undef to <8 x i64>
; SKX512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %D = sext <16 x i8> undef to <16 x i32>
; SKX512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %E = sext <16 x i16> undef to <16 x i32>
; SKX512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %F = sext <32 x i8> undef to <32 x i16>

```
; SKX512-NEXT:  Cost Model: Found an estimated cost of 0 for instruction: ret void
;
 %A = sext <8 x i8> undef to <8 x i64>
 %B = sext <8 x i16> undef to <8 x i64>
 %C = sext <8 x i32> undef to <8 x i64>
 %D = sext <16 x i8> undef to <16 x i32>
 %E = sext <16 x i16> undef to <16 x i32>
 %F = sext <32 x i8> undef to <32 x i16>
 ret void
}

define
 void @trunc256() "min-legal-vector-width"="256" {
; AVX-LABEL: 'trunc256'
; AVX-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %A = trunc <8 x i64> undef to <8 x i32>
; AVX-NEXT:  Cost Model: Found an estimated cost of 9 for instruction: %B = trunc <8 x i64> undef to <8 x i16>
; AVX-NEXT:  Cost Model: Found an estimated cost of 11 for instruction: %C = trunc <8 x i64> undef to <8 x i8>
; AVX-NEXT:  Cost Model: Found an estimated cost of 6 for instruction: %D = trunc <16 x i32> undef to <16 x
i16>
; AVX-NEXT:  Cost Model: Found an estimated cost of 7 for instruction: %E = trunc <16 x i32> undef to <16 x i8>
; AVX-NEXT:  Cost Model: Found an estimated cost of 9 for instruction: %F = trunc <32 x i16> undef to <32 x i8>
; AVX-NEXT:  Cost Model: Found an estimated cost of 0 for instruction: ret void
;
; AVX512VL256-LABEL: 'trunc256'
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %A = trunc <8 x i64> undef to
<8 x i32>
; AVX512VL256-NEXT:
  Cost Model: Found an estimated cost of 9 for instruction: %B = trunc <8 x i64> undef to <8 x i16>
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 11 for instruction: %C = trunc <8 x i64> undef
to <8 x i8>
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 6 for instruction: %D = trunc <16 x i32> undef
to <16 x i16>
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 7 for instruction: %E = trunc <16 x i32> undef to
<16 x i8>
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 9 for instruction: %F = trunc <32 x i16> undef to
<32 x i8>
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 0 for instruction: ret void
;
; AVX512VL512-LABEL: 'trunc256'
; AVX512VL512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %A = trunc <8 x i64> undef to
<8 x i32>
; AVX512VL512-NEXT:  Cost Model: Found an estimated cost of 2 for instruction: %B = trunc <8 x i64> undef to
<8 x i16>
; AVX512VL512-NEXT:  Cost Model: Found an estimated
 cost of 2 for instruction: %C = trunc <8 x i64> undef to <8 x i8>
; AVX512VL512-NEXT:  Cost Model: Found an estimated cost of 2 for instruction: %D = trunc <16 x i32> undef
to <16 x i16>
; AVX512VL512-NEXT:  Cost Model: Found an estimated cost of 2 for instruction: %E = trunc <16 x i32> undef to
```

```
<16 x i8>
; AVX512VL512-NEXT:  Cost Model: Found an estimated cost of 8 for instruction: %F = trunc <32 x i16> undef to
<32 x i8>
; AVX512VL512-NEXT:  Cost Model: Found an estimated cost of 0 for instruction: ret void
;
; SKX256-LABEL: 'trunc256'
; SKX256-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %A = trunc <8 x i64> undef to <8 x
i32>
; SKX256-NEXT:  Cost Model: Found an estimated cost of 9 for instruction: %B = trunc <8 x i64> undef to <8 x
i16>
; SKX256-NEXT:  Cost Model: Found an estimated cost of 11 for instruction: %C = trunc <8 x i64> undef to <8 x
i8>
; SKX256-NEXT:  Cost Model: Found an estimated cost of 6 for instruction: %D = trunc <16 x i32> undef to <16 x
i16>
;
 SKX256-NEXT:  Cost Model: Found an estimated cost of 7 for instruction: %E = trunc <16 x i32> undef to <16 x
i8>
; SKX256-NEXT:  Cost Model: Found an estimated cost of 5 for instruction: %F = trunc <32 x i16> undef to <32 x
i8>
; SKX256-NEXT:  Cost Model: Found an estimated cost of 0 for instruction: ret void
;
; SKX512-LABEL: 'trunc256'
; SKX512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %A = trunc <8 x i64> undef to <8 x
i32>
; SKX512-NEXT:  Cost Model: Found an estimated cost of 2 for instruction: %B = trunc <8 x i64> undef to <8 x
i16>
; SKX512-NEXT:  Cost Model: Found an estimated cost of 2 for instruction: %C = trunc <8 x i64> undef to <8 x
i8>
; SKX512-NEXT:  Cost Model: Found an estimated cost of 2 for instruction: %D = trunc <16 x i32> undef to <16 x
i16>
; SKX512-NEXT:  Cost Model: Found an estimated cost of 2 for instruction: %E = trunc <16 x i32> undef to <16 x
i8>
; SKX512-NEXT:  Cost Model: Found an estimated cost of 2 for instruction: %F = trunc
 <32 x i16> undef to <32 x i8>
; SKX512-NEXT:  Cost Model: Found an estimated cost of 0 for instruction: ret void
;
 %A = trunc <8 x i64> undef to <8 x i32>
 %B = trunc <8 x i64> undef to <8 x i16>
 %C = trunc <8 x i64> undef to <8 x i8>
 %D = trunc <16 x i32> undef to <16 x i16>
 %E = trunc <16 x i32> undef to <16 x i8>
 %F = trunc <32 x i16> undef to <32 x i8>
 ret void
}

define i32 @zext256_vXi1() "min-legal-vector-width"="256" {
; AVX-LABEL: 'zext256_vXi1'
; AVX-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %V2i64 = zext <2 x i1> undef to <2 x
```

i64>
; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %V4i64 = zext <4 x i1> undef to <4 x i64>
; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %V8i64 = zext <8 x i1> undef to <8 x i64>
; AVX-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V2i32 = zext <2 x i1> undef to <2 x i32>
; AVX-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V4i32
 = zext <4 x i1> undef to <4 x i32>
; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %V8i32 = zext <8 x i1> undef to <8 x i32>
; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %V16i32 = zext <16 x i1> undef to <16 x i32>
; AVX-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V2i16 = zext <2 x i1> undef to <2 x i16>
; AVX-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V4i16 = zext <4 x i1> undef to <4 x i16>
; AVX-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V8i16 = zext <8 x i1> undef to <8 x i16>
; AVX-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V16i16 = zext <16 x i1> undef to <16 x i16>
; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %V32i16 = zext <32 x i1> undef to <32 x i16>
; AVX-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V2i8 = zext <2 x i1> undef to <2 x i8>
; AVX-NEXT: Cost Model: Found an estimated cost
 of 1 for instruction: %V4i8 = zext <4 x i1> undef to <4 x i8>
; AVX-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V8i8 = zext <8 x i1> undef to <8 x i8>
; AVX-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V16i8 = zext <16 x i1> undef to <16 x i8>
; AVX-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V32i8 = zext <32 x i1> undef to <32 x i8>
; AVX-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V64i8 = zext <64 x i1> undef to <64 x i8>
; AVX-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret i32 undef
;
; AVX512VL256-LABEL: 'zext256_vXi1'
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V2i64 = zext <2 x i1> undef to <2 x i64>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V4i64 = zext <4 x i1> undef to <4 x i64>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 5 for instruction: %V8i64 = zext <8 x i1> undef to <8 x i64>
;
 AVX512VL256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V2i32 = zext <2 x i1> undef to <2 x i32>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V4i32 = zext <4 x i1> undef to <4 x i32>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V8i32 = zext <8 x i1> undef

to <8 x i32>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 5 for instruction: %V16i32 = zext <16 x i1> undef to <16 x i32>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 5 for instruction: %V2i16 = zext <2 x i1> undef to <2 x i16>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 5 for instruction: %V4i16 = zext <4 x i1> undef to <4 x i16>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 5 for instruction: %V8i16 = zext <8 x i1> undef to <8 x i16>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 12 for instruction: %V16i16 = zext <16 x i1> undef to <16 x i16>
; AVX512VL256-NEXT: Cost
 Model: Found an estimated cost of 24 for instruction: %V32i16 = zext <32 x i1> undef to <32 x i16>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 6 for instruction: %V2i8 = zext <2 x i1> undef to <2 x i8>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 6 for instruction: %V4i8 = zext <4 x i1> undef to <4 x i8>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 6 for instruction: %V8i8 = zext <8 x i1> undef to <8 x i8>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 12 for instruction: %V16i8 = zext <16 x i1> undef to <16 x i8>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 25 for instruction: %V32i8 = zext <32 x i1> undef to <32 x i8>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 50 for instruction: %V64i8 = zext <64 x i1> undef to <64 x i8>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret i32 undef
;
; AVX512VL512-LABEL: 'zext256_vXi1'
; AVX512VL512-NEXT: Cost Model: Found an
 estimated cost of 2 for instruction: %V2i64 = zext <2 x i1> undef to <2 x i64>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V4i64 = zext <4 x i1> undef to <4 x i64>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V8i64 = zext <8 x i1> undef to <8 x i64>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V2i32 = zext <2 x i1> undef to <2 x i32>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V4i32 = zext <4 x i1> undef to <4 x i32>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V8i32 = zext <8 x i1> undef to <8 x i32>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V16i32 = zext <16 x i1> undef to <16 x i32>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %V2i16 = zext <2 x i1> undef to <2 x i16>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 4 for instruction:
 %V4i16 = zext <4 x i1> undef to <4 x i16>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %V8i16 = zext <8 x i1> undef to <8 x i16>

; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %V16i16 = zext <16 x i1> undef to <16 x i16>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 9 for instruction: %V32i16 = zext <32 x i1> undef to <32 x i16>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %V2i8 = zext <2 x i1> undef to <2 x i8>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %V4i8 = zext <4 x i1> undef to <4 x i8>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %V8i8 = zext <8 x i1> undef to <8 x i8>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %V16i8 = zext <16 x i1> undef to <16 x i8>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 9 for instruction: %V32i8 = zext <32 x i1> undef to <32 x i8>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 19 for instruction: %V64i8 = zext <64 x i1> undef to <64 x i8>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret i32 undef
;
; SKX256-LABEL: 'zext256_vXi1'
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V2i64 = zext <2 x i1> undef to <2 x i64>
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V4i64 = zext <4 x i1> undef to <4 x i64>
; SKX256-NEXT: Cost Model: Found an estimated cost of 5 for instruction: %V8i64 = zext <8 x i1> undef to <8 x i64>
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V2i32 = zext <2 x i1> undef to <2 x i32>
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V4i32 = zext <4 x i1> undef to <4 x i32>
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V8i32 = zext <8 x i1> undef to <8 x i32>
; SKX256-NEXT: Cost Model: Found an estimated cost of 5 for instruction: %V16i32 = zext <16 x i1> undef to <16 x i32>
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V2i16 = zext <2 x i1> undef to <2 x i16>
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V4i16 = zext <4 x i1> undef to <4 x i16>
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V8i16 = zext <8 x i1> undef to <8 x i16>
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V16i16 = zext <16 x i1> undef to <16 x i16>
; SKX256-NEXT: Cost Model: Found an estimated cost of 5 for instruction: %V32i16 = zext <32 x i1> undef to <32 x i16>
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V2i8 = zext <2 x i1> undef to <2 x i8>
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V4i8 = zext <4 x i1> undef to <4 x i8>
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V8i8 = zext <8 x i1> undef

to <8 x i8>
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V16i8 = zext <16 x i1> undef to <16 x i8>
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V32i8 = zext <32 x i1> undef to <32 x i8>
; SKX256-NEXT: Cost Model: Found an estimated cost of 5 for instruction: %V64i8 = zext <64 x i1> undef to <64 x i8>
; SKX256-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret i32 undef
;
; SKX512-LABEL: 'zext256_vXi1'
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V2i64 = zext <2 x i1> undef to <2 x i64>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V4i64 = zext <4 x i1> undef to <4 x i64>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V8i64 = zext <8 x i1> undef to <8 x i64>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V2i32 = zext <2 x i1> undef to <2 x i32>
; SKX512-NEXT: Cost Model: Found an estimated cost
 of 2 for instruction: %V4i32 = zext <4 x i1> undef to <4 x i32>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V8i32 = zext <8 x i1> undef to <8 x i32>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V16i32 = zext <16 x i1> undef to <16 x i32>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V2i16 = zext <2 x i1> undef to <2 x i16>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V4i16 = zext <4 x i1> undef to <4 x i16>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V8i16 = zext <8 x i1> undef to <8 x i16>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V16i16 = zext <16 x i1> undef to <16 x i16>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V32i16 = zext <32 x i1> undef to <32 x i16>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V2i8 = zext <2 x i1> undef to <2 x i8>
;
 SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V4i8 = zext <4 x i1> undef to <4 x i8>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V8i8 = zext <8 x i1> undef to <8 x i8>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V16i8 = zext <16 x i1> undef to <16 x i8>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V32i8 = zext <32 x i1> undef to <32 x i8>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V64i8 = zext <64 x i1> undef to <64 x i8>
; SKX512-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret i32 undef

```
;
 %V2i64 = zext <2 x i1> undef to <2 x i64>
 %V4i64 = zext <4 x i1> undef to <4 x i64>
 %V8i64 = zext <8 x i1> undef to <8 x i64>

 %V2i32 = zext <2 x i1> undef to <2 x i32>
 %V4i32 = zext <4 x i1> undef to <4 x i32>
 %V8i32 = zext <8 x i1> undef to <8 x i32>
 %V16i32 = zext <16 x i1> undef to <16 x i32>

 %V2i16 = zext <2
 x i1> undef to <2 x i16>
 %V4i16 = zext <4 x i1> undef to <4 x i16>
 %V8i16 = zext <8 x i1> undef to <8 x i16>
 %V16i16 = zext <16 x i1> undef to <16 x i16>
 %V32i16 = zext <32 x i1> undef to <32 x i16>

 %V2i8 = zext <2 x i1> undef to <2 x i8>
 %V4i8 = zext <4 x i1> undef to <4 x i8>
 %V8i8 = zext <8 x i1> undef to <8 x i8>
 %V16i8 = zext <16 x i1> undef to <16 x i8>
 %V32i8 = zext <32 x i1> undef to <32 x i8>
 %V64i8 = zext <64 x i1> undef to <64 x i8>

 ret i32 undef
}

define i32 @sext256_vXi1() "min-legal-vector-width"="256" {
; AVX-LABEL: 'sext256_vXi1'
; AVX-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %I64 = sext i1 undef to i64
; AVX-NEXT:  Cost Model: Found an estimated cost of 2 for instruction: %V2i64 = sext <2 x i1> undef to <2 x
i64>
; AVX-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %V4i64 = sext <4 x i1> undef to <4 x
i64>
; AVX-NEXT:  Cost Model: Found an estimated cost of 7 for instruction: %V8i64 = sext <8 x i1> undef
 to <8 x i64>
; AVX-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %I32 = sext i1 undef to i32
; AVX-NEXT:  Cost Model: Found an estimated cost of 2 for instruction: %V2i32 = sext <2 x i1> undef to <2 x
i32>
; AVX-NEXT:  Cost Model: Found an estimated cost of 2 for instruction: %V4i32 = sext <4 x i1> undef to <4 x
i32>
; AVX-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %V8i32 = sext <8 x i1> undef to <8 x
i32>
; AVX-NEXT:  Cost Model: Found an estimated cost of 7 for instruction: %V16i32 = sext <16 x i1> undef to <16 x
i32>
; AVX-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %I16 = sext i1 undef to i16
; AVX-NEXT:  Cost Model: Found an estimated cost of 2 for instruction: %V2i16 = sext <2 x i1> undef to <2 x
i16>
```

```
; AVX-NEXT:  Cost Model: Found an estimated cost of 2 for instruction: %V4i16 = sext <4 x i1> undef to <4 x
i16>
; AVX-NEXT:  Cost Model: Found an estimated cost of 2 for instruction: %V8i16 = sext <8 x i1> undef to <8
 x i16>
; AVX-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %V16i16 = sext <16 x i1> undef to <16 x
i16>
; AVX-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %V32i16 = sext <32 x i1> undef to <32 x
i16>
; AVX-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %I8 = sext i1 undef to i8
; AVX-NEXT:  Cost Model: Found an estimated cost of 2 for instruction: %V2i8 = sext <2 x i1> undef to <2 x i8>
; AVX-NEXT:  Cost Model: Found an estimated cost of 2 for instruction: %V4i8 = sext <4 x i1> undef to <4 x i8>
; AVX-NEXT:  Cost Model: Found an estimated cost of 2 for instruction: %V8i8 = sext <8 x i1> undef to <8 x i8>
; AVX-NEXT:  Cost Model: Found an estimated cost of 2 for instruction: %V16i8 = sext <16 x i1> undef to <16 x
i8>
; AVX-NEXT:  Cost Model: Found an estimated cost of 2 for instruction: %V32i8 = sext <32 x i1> undef to <32 x
i8>
; AVX-NEXT:  Cost Model: Found an estimated cost of 4 for instruction: %V64i8 = sext <64 x i1> undef to
 <64 x i8>
; AVX-NEXT:  Cost Model: Found an estimated cost of 0 for instruction: ret i32 undef
;
; AVX512VL256-LABEL: 'sext256_vXi1'
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %I64 = sext i1 undef to i64
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %V2i64 = sext <2 x i1> undef
to <2 x i64>
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %V4i64 = sext <4 x i1> undef
to <4 x i64>
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %V8i64 = sext <8 x i1> undef
to <8 x i64>
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %I32 = sext i1 undef to i32
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %V2i32 = sext <2 x i1> undef
to <2 x i32>
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %V4i32 = sext <4 x i1> undef
to <4 x i32>
; AVX512VL256-NEXT:  Cost Model: Found an estimated
 cost of 1 for instruction: %V8i32 = sext <8 x i1> undef to <8 x i32>
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 3 for instruction: %V16i32 = sext <16 x i1>
undef to <16 x i32>
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %I16 = sext i1 undef to i16
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 4 for instruction: %V2i16 = sext <2 x i1> undef
to <2 x i16>
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 4 for instruction: %V4i16 = sext <4 x i1> undef
to <4 x i16>
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 4 for instruction: %V8i16 = sext <8 x i1> undef
to <8 x i16>
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 10 for instruction: %V16i16 = sext <16 x i1>
undef to <16 x i16>
; AVX512VL256-NEXT:  Cost Model: Found an estimated cost of 20 for instruction: %V32i16 = sext <32 x i1>
undef to <32 x i16>
```

; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %I8
 = sext i1 undef to i8
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 5 for instruction: %V2i8 = sext <2 x i1> undef to <2 x i8>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 5 for instruction: %V4i8 = sext <4 x i1> undef to <4 x i8>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 5 for instruction: %V8i8 = sext <8 x i1> undef to <8 x i8>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 10 for instruction: %V16i8 = sext <16 x i1> undef to <16 x i8>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 21 for instruction: %V32i8 = sext <32 x i1> undef to <32 x i8>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 42 for instruction: %V64i8 = sext <64 x i1> undef to <64 x i8>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret i32 undef
;
; AVX512VL512-LABEL: 'sext256_vXi1'
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %I64 = sext i1 undef to i64
; AVX512VL512-NEXT:
  Cost Model: Found an estimated cost of 1 for instruction: %V2i64 = sext <2 x i1> undef to <2 x i64>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V4i64 = sext <4 x i1> undef to <4 x i64>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V8i64 = sext <8 x i1> undef to <8 x i64>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %I32 = sext i1 undef to i32
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V2i32 = sext <2 x i1> undef to <2 x i32>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V4i32 = sext <4 x i1> undef to <4 x i32>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V8i32 = sext <8 x i1> undef to <8 x i32>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V16i32 = sext <16 x i1> undef to <16 x i32>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost
 of 1 for instruction: %I16 = sext i1 undef to i16
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %V2i16 = sext <2 x i1> undef to <2 x i16>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %V4i16 = sext <4 x i1> undef to <4 x i16>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %V8i16 = sext <8 x i1> undef to <8 x i16>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %V16i16 = sext <16 x i1> undef to <16 x i16>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %V32i16 = sext <32 x i1> undef to <32 x i16>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %I8 = sext i1 undef to i8
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %V2i8 = sext <2 x i1> undef to <2 x i8>

; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %V4i8 = sext <4 x i1> undef to <4 x
 i8>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %V8i8 = sext <8 x i1> undef to <8 x i8>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %V16i8 = sext <16 x i1> undef to <16 x i8>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %V32i8 = sext <32 x i1> undef to <32 x i8>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 15 for instruction: %V64i8 = sext <64 x i1> undef to <64 x i8>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret i32 undef
;
; SKX256-LABEL: 'sext256_vXi1'
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %I64 = sext i1 undef to i64
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V2i64 = sext <2 x i1> undef to <2 x i64>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V4i64 = sext <4 x i1> undef to <4 x i64>
; SKX256-NEXT: Cost Model: Found an estimated cost
 of 3 for instruction: %V8i64 = sext <8 x i1> undef to <8 x i64>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %I32 = sext i1 undef to i32
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V2i32 = sext <2 x i1> undef to <2 x i32>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V4i32 = sext <4 x i1> undef to <4 x i32>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V8i32 = sext <8 x i1> undef to <8 x i32>
; SKX256-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %V16i32 = sext <16 x i1> undef to <16 x i32>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %I16 = sext i1 undef to i16
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V2i16 = sext <2 x i1> undef to <2 x i16>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V4i16 = sext <4 x i1> undef to <4 x i16>
; SKX256-NEXT: Cost Model: Found
 an estimated cost of 1 for instruction: %V8i16 = sext <8 x i1> undef to <8 x i16>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V16i16 = sext <16 x i1> undef to <16 x i16>
; SKX256-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %V32i16 = sext <32 x i1> undef to <32 x i16>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %I8 = sext i1 undef to i8
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V2i8 = sext <2 x i1> undef to <2 x i8>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V4i8 = sext <4 x i1> undef to <4 x i8>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V8i8 = sext <8 x i1> undef to <8 x i8>

; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V16i8 = sext <16 x i1> undef to <16 x i8>
; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V32i8 = sext <32 x i1> undef to <32 x i8>
;
 SKX256-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %V64i8 = sext <64 x i1> undef to <64 x i8>
; SKX256-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret i32 undef
;
; SKX512-LABEL: 'sext256_vXi1'
; SKX512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %I64 = sext i1 undef to i64
; SKX512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V2i64 = sext <2 x i1> undef to <2 x i64>
; SKX512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V4i64 = sext <4 x i1> undef to <4 x i64>
; SKX512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V8i64 = sext <8 x i1> undef to <8 x i64>
; SKX512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %I32 = sext i1 undef to i32
; SKX512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V2i32 = sext <2 x i1> undef to <2 x i32>
; SKX512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V4i32 = sext <4 x i1>
 undef to <4 x i32>
; SKX512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V8i32 = sext <8 x i1> undef to <8 x i32>
; SKX512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V16i32 = sext <16 x i1> undef to <16 x i32>
; SKX512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %I16 = sext i1 undef to i16
; SKX512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V2i16 = sext <2 x i1> undef to <2 x i16>
; SKX512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V4i16 = sext <4 x i1> undef to <4 x i16>
; SKX512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V8i16 = sext <8 x i1> undef to <8 x i16>
; SKX512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V16i16 = sext <16 x i1> undef to <16 x i16>
; SKX512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V32i16 = sext <32 x i1> undef to <32 x i16>
; SKX512-NEXT: Cost Model: Found an estimated cost of
 1 for instruction: %I8 = sext i1 undef to i8
; SKX512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V2i8 = sext <2 x i1> undef to <2 x i8>
; SKX512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V4i8 = sext <4 x i1> undef to <4 x i8>
; SKX512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V8i8 = sext <8 x i1> undef to <8 x i8>
; SKX512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V16i8 = sext <16 x i1> undef to <16 x i8>
; SKX512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V32i8 = sext <32 x i1> undef to <32

```
x i8>
; SKX512-NEXT:  Cost Model: Found an estimated cost of 1 for instruction: %V64i8 = sext <64 x i1> undef to <64
x i8>
; SKX512-NEXT:  Cost Model: Found an estimated cost of 0 for instruction: ret i32 undef
;
 %I64 = sext i1 undef to i64
 %V2i64 = sext <2 x i1> undef to <2 x i64>
 %V4i64 = sext <4 x i1> undef to <4 x i64>
 %V8i64 = sext <8 x i1> undef to <8 x i64>

 %I32 =
 sext i1 undef to i32
 %V2i32 = sext <2 x i1> undef to <2 x i32>
 %V4i32 = sext <4 x i1> undef to <4 x i32>
 %V8i32 = sext <8 x i1> undef to <8 x i32>
 %V16i32 = sext <16 x i1> undef to <16 x i32>

 %I16 = sext i1 undef to i16
 %V2i16 = sext <2 x i1> undef to <2 x i16>
 %V4i16 = sext <4 x i1> undef to <4 x i16>
 %V8i16 = sext <8 x i1> undef to <8 x i16>
 %V16i16 = sext <16 x i1> undef to <16 x i16>
 %V32i16 = sext <32 x i1> undef to <32 x i16>

 %I8 = sext i1 undef to i8
 %V2i8 = sext <2 x i1> undef to <2 x i8>
 %V4i8 = sext <4 x i1> undef to <4 x i8>
 %V8i8 = sext <8 x i1> undef to <8 x i8>
 %V16i8 = sext <16 x i1> undef to <16 x i8>
 %V32i8 = sext <32 x i1> undef to <32 x i8>
 %V64i8 = sext <64 x i1> undef to <64 x i8>

 ret i32 undef
}

define i32 @trunc_vXi1() "min-legal-vector-width"="256" {
; AVX-LABEL: 'trunc_vXi1'
; AVX-NEXT:  Cost Model: Found an estimated cost of 0 for instruction: %V2i64 = trunc <2 x i64> undef to <2 x
i1>
; AVX-NEXT:  Cost Model: Found an estimated
 cost of 4 for instruction: %V4i64 = trunc <4 x i64> undef to <4 x i1>
; AVX-NEXT:  Cost Model: Found an estimated cost of 9 for instruction: %V8i64 = trunc <8 x i64> undef to <8 x
i1>
; AVX-NEXT:  Cost Model: Found an estimated cost of 11 for instruction: %V16i64 = trunc <16 x i64> undef to
<16 x i1>
; AVX-NEXT:  Cost Model: Found an estimated cost of 23 for instruction: %V32i64 = trunc <32 x i64> undef to
<32 x i1>
; AVX-NEXT:  Cost Model: Found an estimated cost of 46 for instruction: %V64i64 = trunc <64 x i64> undef to
```

<64 x i1>
; AVX-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V2i32 = trunc <2 x i32> undef to <2 x i1>
; AVX-NEXT: Cost Model: Found an estimated cost of 0 for instruction: %V4i32 = trunc <4 x i32> undef to <4 x i1>
; AVX-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V8i32 = trunc <8 x i32> undef to <8 x i1>
; AVX-NEXT: Cost Model: Found an estimated cost of 5 for instruction: %V16i32 = trunc <16 x i32> undef to <16 x i1>
; AVX-NEXT: Cost Model: Found an estimated cost of 11 for instruction: %V32i32 = trunc <32 x i32> undef to <32 x i1>
; AVX-NEXT: Cost Model: Found an estimated cost of 22 for instruction: %V64i32 = trunc <64 x i32> undef to <64 x i1>
; AVX-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V2i16 = trunc <2 x i16> undef to <2 x i1>
; AVX-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V4i16 = trunc <4 x i16> undef to <4 x i1>
; AVX-NEXT: Cost Model: Found an estimated cost of 0 for instruction: %V8i16 = trunc <8 x i16> undef to <8 x i1>
; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %V16i16 = trunc <16 x i16> undef to <16 x i1>
; AVX-NEXT: Cost Model: Found an estimated cost of 9 for instruction: %V32i16 = trunc <32 x i16> undef to <32 x i1>
; AVX-NEXT: Cost Model: Found an estimated cost of 18 for instruction: %V64i16 = trunc <64 x i16> undef to <64 x i1>
; AVX-NEXT: Cost Model: Found an estimated cost of 1 for instruction:
 %V2i8 = trunc <2 x i8> undef to <2 x i1>
; AVX-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V4i8 = trunc <4 x i8> undef to <4 x i1>
; AVX-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %V8i8 = trunc <8 x i8> undef to <8 x i1>
; AVX-NEXT: Cost Model: Found an estimated cost of 0 for instruction: %V16i8 = trunc <16 x i8> undef to <16 x i1>
; AVX-NEXT: Cost Model: Found an estimated cost of 0 for instruction: %V32i8 = trunc <32 x i8> undef to <32 x i1>
; AVX-NEXT: Cost Model: Found an estimated cost of 0 for instruction: %V64i8 = trunc <64 x i8> undef to <64 x i1>
; AVX-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret i32 undef
;
; AVX512VL256-LABEL: 'trunc_vXi1'
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V2i64 = trunc <2 x i64> undef to <2 x i1>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V4i64 = trunc <4 x i64> undef to <4 x i1>
; AVX512VL256-NEXT:
  Cost Model: Found an estimated cost of 9 for instruction: %V8i64 = trunc <8 x i64> undef to <8 x i1>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 11 for instruction: %V16i64 = trunc <16 x i64> undef to <16 x i1>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 22 for instruction: %V32i64 = trunc <32 x i64> undef to <32 x i1>

; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 44 for instruction: %V64i64 = trunc <64 x i64> undef to <64 x i1>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V2i32 = trunc <2 x i32> undef to <2 x i1>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V4i32 = trunc <4 x i32> undef to <4 x i1>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V8i32 = trunc <8 x i32> undef to <8 x i1>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 5 for instruction: %V16i32 = trunc <16 x i32> undef to <16 x i1>
; AVX512VL256-NEXT: Cost Model:
 Found an estimated cost of 10 for instruction: %V32i32 = trunc <32 x i32> undef to <32 x i1>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 20 for instruction: %V64i32 = trunc <64 x i32> undef to <64 x i1>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %V2i16 = trunc <2 x i16> undef to <2 x i1>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %V4i16 = trunc <4 x i16> undef to <4 x i1>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %V8i16 = trunc <8 x i16> undef to <8 x i1>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 8 for instruction: %V16i16 = trunc <16 x i16> undef to <16 x i1>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 16 for instruction: %V32i16 = trunc <32 x i16> undef to <32 x i1>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 32 for instruction: %V64i16 = trunc <64 x i16> undef to <64 x i1>
; AVX512VL256-NEXT: Cost Model:
 Found an estimated cost of 3 for instruction: %V2i8 = trunc <2 x i8> undef to <2 x i1>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %V4i8 = trunc <4 x i8> undef to <4 x i1>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %V8i8 = trunc <8 x i8> undef to <8 x i1>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 8 for instruction: %V16i8 = trunc <16 x i8> undef to <16 x i1>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 17 for instruction: %V32i8 = trunc <32 x i8> undef to <32 x i1>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 34 for instruction: %V64i8 = trunc <64 x i8> undef to <64 x i1>
; AVX512VL256-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret i32 undef
;
; AVX512VL512-LABEL: 'trunc_vXi1'
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V2i64 = trunc <2 x i64> undef to <2 x i1>
; AVX512VL512-NEXT: Cost Model: Found an estimated
 cost of 2 for instruction: %V4i64 = trunc <4 x i64> undef to <4 x i1>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V8i64 = trunc <8 x i64> undef to <8 x i1>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 11 for instruction: %V16i64 = trunc <16 x i64>

undef to <16 x i1>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 22 for instruction: %V32i64 = trunc <32 x i64> undef to <32 x i1>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 44 for instruction: %V64i64 = trunc <64 x i64> undef to <64 x i1>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V2i32 = trunc <2 x i32> undef to <2 x i1>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V4i32 = trunc <4 x i32> undef to <4 x i1>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V8i32 = trunc <8 x i32> undef to <8 x i1>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 2
 for instruction: %V16i32 = trunc <16 x i32> undef to <16 x i1>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %V32i32 = trunc <32 x i32> undef to <32 x i1>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 8 for instruction: %V64i32 = trunc <64 x i32> undef to <64 x i1>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %V2i16 = trunc <2 x i16> undef to <2 x i1>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %V4i16 = trunc <4 x i16> undef to <4 x i1>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %V8i16 = trunc <8 x i16> undef to <8 x i1>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %V16i16 = trunc <16 x i16> undef to <16 x i1>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %V32i16 = trunc <32 x i16> undef to <32 x i1>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 14 for instruction:
 %V64i16 = trunc <64 x i16> undef to <64 x i1>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %V2i8 = trunc <2 x i8> undef to <2 x i1>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %V4i8 = trunc <4 x i8> undef to <4 x i1>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %V8i8 = trunc <8 x i8> undef to <8 x i1>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %V16i8 = trunc <16 x i8> undef to <16 x i1>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %V32i8 = trunc <32 x i8> undef to <32 x i1>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 15 for instruction: %V64i8 = trunc <64 x i8> undef to <64 x i1>
; AVX512VL512-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret i32 undef
;
; SKX256-LABEL: 'trunc_vXi1'
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V2i64 = trunc <2
 x i64> undef to <2 x i1>
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V4i64 = trunc <4 x i64> undef to <4 x i1>

; SKX256-NEXT: Cost Model: Found an estimated cost of 9 for instruction: %V8i64 = trunc <8 x i64> undef to <8 x i1>
; SKX256-NEXT: Cost Model: Found an estimated cost of 11 for instruction: %V16i64 = trunc <16 x i64> undef to <16 x i1>
; SKX256-NEXT: Cost Model: Found an estimated cost of 23 for instruction: %V32i64 = trunc <32 x i64> undef to <32 x i1>
; SKX256-NEXT: Cost Model: Found an estimated cost of 47 for instruction: %V64i64 = trunc <64 x i64> undef to <64 x i1>
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V2i32 = trunc <2 x i32> undef to <2 x i1>
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V4i32 = trunc <4 x i32> undef to <4 x i1>
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V8i32 = trunc <8 x i32> undef to <8 x i1>
; SKX256-NEXT: Cost Model:
 Found an estimated cost of 5 for instruction: %V16i32 = trunc <16 x i32> undef to <16 x i1>
; SKX256-NEXT: Cost Model: Found an estimated cost of 11 for instruction: %V32i32 = trunc <32 x i32> undef to <32 x i1>
; SKX256-NEXT: Cost Model: Found an estimated cost of 23 for instruction: %V64i32 = trunc <64 x i32> undef to <64 x i1>
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V2i16 = trunc <2 x i16> undef to <2 x i1>
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V4i16 = trunc <4 x i16> undef to <4 x i1>
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V8i16 = trunc <8 x i16> undef to <8 x i1>
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V16i16 = trunc <16 x i16> undef to <16 x i1>
; SKX256-NEXT: Cost Model: Found an estimated cost of 5 for instruction: %V32i16 = trunc <32 x i16> undef to <32 x i1>
; SKX256-NEXT: Cost Model: Found an estimated cost of 11 for instruction:
 %V64i16 = trunc <64 x i16> undef to <64 x i1>
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V2i8 = trunc <2 x i8> undef to <2 x i1>
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V4i8 = trunc <4 x i8> undef to <4 x i1>
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V8i8 = trunc <8 x i8> undef to <8 x i1>
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V16i8 = trunc <16 x i8> undef to <16 x i1>
; SKX256-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V32i8 = trunc <32 x i8> undef to <32 x i1>
; SKX256-NEXT: Cost Model: Found an estimated cost of 5 for instruction: %V64i8 = trunc <64 x i8> undef to <64 x i1>
; SKX256-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret i32 undef
;
; SKX512-LABEL: 'trunc_vXi1'
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V2i64 = trunc <2 x i64> undef to <2

x i1>
; SKX512-NEXT: Cost
 Model: Found an estimated cost of 2 for instruction: %V4i64 = trunc <4 x i64> undef to <4 x i1>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V8i64 = trunc <8 x i64> undef to <8 x i1>
; SKX512-NEXT: Cost Model: Found an estimated cost of 11 for instruction: %V16i64 = trunc <16 x i64> undef to <16 x i1>
; SKX512-NEXT: Cost Model: Found an estimated cost of 23 for instruction: %V32i64 = trunc <32 x i64> undef to <32 x i1>
; SKX512-NEXT: Cost Model: Found an estimated cost of 47 for instruction: %V64i64 = trunc <64 x i64> undef to <64 x i1>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V2i32 = trunc <2 x i32> undef to <2 x i1>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V4i32 = trunc <4 x i32> undef to <4 x i1>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V8i32 = trunc <8 x i32> undef to <8 x i1>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction:
 %V16i32 = trunc <16 x i32> undef to <16 x i1>
; SKX512-NEXT: Cost Model: Found an estimated cost of 5 for instruction: %V32i32 = trunc <32 x i32> undef to <32 x i1>
; SKX512-NEXT: Cost Model: Found an estimated cost of 11 for instruction: %V64i32 = trunc <64 x i32> undef to <64 x i1>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V2i16 = trunc <2 x i16> undef to <2 x i1>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V4i16 = trunc <4 x i16> undef to <4 x i1>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V8i16 = trunc <8 x i16> undef to <8 x i1>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V16i16 = trunc <16 x i16> undef to <16 x i1>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V32i16 = trunc <32 x i16> undef to <32 x i1>
; SKX512-NEXT: Cost Model: Found an estimated cost of 5 for instruction: %V64i16 = trunc <64 x i16> undef to <64 x i1>
;
 SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V2i8 = trunc <2 x i8> undef to <2 x i1>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V4i8 = trunc <4 x i8> undef to <4 x i1>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V8i8 = trunc <8 x i8> undef to <8 x i1>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V16i8 = trunc <16 x i8> undef to <16 x i1>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V32i8 = trunc <32 x i8> undef to <32 x i1>
; SKX512-NEXT: Cost Model: Found an estimated cost of 2 for instruction: %V64i8 = trunc <64 x i8> undef to <64 x i1>

```
; SKX512-NEXT:  Cost Model: Found an estimated cost of 0 for instruction: ret i32 undef
;
 %V2i64 = trunc <2 x i64> undef to <2 x i1>
 %V4i64 = trunc <4 x i64> undef to <4 x i1>
 %V8i64 = trunc <8 x i64> undef to <8 x i1>
 %V16i64 = trunc <16 x i64> undef to <16 x i1>
 %V32i64 = trunc <32 x i64>
 undef to <32 x i1>
 %V64i64 = trunc <64 x i64> undef to <64 x i1>

 %V2i32 = trunc <2 x i32> undef to <2 x i1>
 %V4i32 = trunc <4 x i32> undef to <4 x i1>
 %V8i32 = trunc <8 x i32> undef to <8 x i1>
 %V16i32 = trunc <16 x i32> undef to <16 x i1>
 %V32i32 = trunc <32 x i32> undef to <32 x i1>
 %V64i32 = trunc <64 x i32> undef to <64 x i1>

 %V2i16 = trunc <2 x i16> undef to <2 x i1>
 %V4i16 = trunc <4 x i16> undef to <4 x i1>
 %V8i16 = trunc <8 x i16> undef to <8 x i1>
 %V16i16 = trunc <16 x i16> undef to <16 x i1>
 %V32i16 = trunc <32 x i16> undef to <32 x i1>
 %V64i16 = trunc <64 x i16> undef to <64 x i1>

 %V2i8 = trunc <2 x i8> undef to <2 x i1>
 %V4i8 = trunc <4 x i8> undef to <4 x i1>
 %V8i8 = trunc <8 x i8> undef to <8 x i1>
 %V16i8 = trunc <16 x i8> undef to <16 x i1>
 %V32i8 = trunc <32 x i8> undef to <32 x i1>
 %V64i8 = trunc <64 x i8> undef to <64 x i1>

 ret i32 undef
}
```

==========
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 *
 * Optimised ANSI C code for the Rijndael cipher (now AES)
 *
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1.1598 okio 1.15.0

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1.1599 joda-time 2.10.14

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1.1602 alsa-ucm-conf 1.2.2-1ubuntu0.13

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1.1603 fribidi 1.0.8-2ubuntu0.1

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Upstream-Contact: Behdad Esfahbod

Source: http://www.fribidi.org

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1.1604 goprotobuf 1.4.2

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1.1605 dropwizard-auth-ldap 1.0.5

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1.1606 diameter-core-parent 1.7.1-123

1.1606.1 Available under license :

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1.1607 diameter-core-docs-parent 1.7.0.201

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/*
Plugin: jQuery Parallax
Version 1.1.3
Author: Ian Lunn
Twitter: @IanLunn
Author URL: http://www.ianlunn.co.uk/
Plugin URL: http://www.ianlunn.co.uk/plugins/jquery-parallax/

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Manifest-Version: 1.0
Archiver-Version: Plexus Archiver
Created-By: Apache Maven Bundle Plugin
Built-By: jenkins
Build-Jdk: 1.7.0_79
Implementation-Title: org.mobicents.diameter:diameter-core-docs-source
s-asciidoc
Implementation-Version: 1.7.0.201
Tool: Bnd-1.15.0
Bundle-Name: Restcomm :: Diameter Documentation :: diameter-core-docs-
sources-asciidoc

Implementation-URL: http://www.restcomm.org
Implementation-Vendor-Id: TeleStax, Inc.
Bundle-Version: 1.7.0.201
Bnd-LastModified: 1506553849212
Bundle-ManifestVersion: 2
Bundle-License: http://www.gnu.org/licenses/agpl.html
Bundle-Description: Restcomm Diameter
Bundle-SymbolicName: org.mobicents.diameter.core-docs-sources-asciidoc

Found in path(s):
* /opt/cola/permits/1304471035_1650972683.41/0/diameter-core-docs-sources-asciidoc-1-7-0-201-1-jar/META-INF/MANIFEST.MF
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Found in path(s):
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* /opt/cola/permits/1304471035_1650972683.41/0/diameter-core-docs-sources-asciidoc-1-7-0-201-1-jar/stylesheets/rubygems.css
* /opt/cola/permits/1304471035_1650972683.41/0/diameter-core-docs-sources-asciidoc-1-7-0-201-1-jar/stylesheets/colony.css
* /opt/cola/permits/1304471035_1650972683.41/0/diameter-core-docs-sources-asciidoc-1-7-0-201-1-jar/stylesheets/github.css
* /opt/cola/permits/1304471035_1650972683.41/0/diameter-core-docs-sources-asciidoc-1-7-0-201-1-jar/stylesheets/foundation-lime.css
* /opt/cola/permits/1304471035_1650972683.41/0/diameter-core-docs-sources-asciidoc-1-7-0-201-1-jar/stylesheets/riak.css
* /opt/cola/permits/1304471035_1650972683.41/0/diameter-core-docs-sources-asciidoc-1-7-0-201-1-jar/stylesheets/maker.css
* /opt/cola/permits/1304471035_1650972683.41/0/diameter-core-docs-sources-asciidoc-1-7-0-201-1-jar/stylesheets/readthedocs.css
* /opt/cola/permits/1304471035_1650972683.41/0/diameter-core-docs-sources-asciidoc-1-7-0-201-1-jar/stylesheets/golo.css
* /opt/cola/permits/1304471035_1650972683.41/0/diameter-core-docs-sources-asciidoc-1-7-0-201-1-jar/stylesheets/foundation-potion.css
* /opt/cola/permits/1304471035_1650972683.41/0/diameter-core-docs-sources-asciidoc-1-7-0-201-1-jar/stylesheets/iconic.css
* /opt/cola/permits/1304471035_1650972683.41/0/diameter-core-docs-sources-asciidoc-1-7-0-201-1-jar/stylesheets/rocket-panda.css
* /opt/cola/permits/1304471035_1650972683.41/0/diameter-core-docs-sources-asciidoc-1-7-0-201-1-jar/stylesheets/foundation.css

1.1608 mobicents-diameter-mux-sar-jboss-5 1.7.0.74

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```
Manifest-Version: 1.0
Archiver-Version: Plexus Archiver
Created-By: Apache Maven Bundle Plugin
Built-By: jenkins
Build-Jdk: 1.7.0_79
Export-Package: org.mobicents.diameter.dictionary;uses:="org.apache.lo
g4j,org.jdiameter.api.validation,org.jdiameter.common.impl.validation
,org.jdiameter.client.impl",org.mobicents.diameter.api;uses:="org.jdi
ameter.api",org.mobicents.diameter.stack;uses:="org.jdiameter.api,org
.jdiameter.client.impl.helpers,org.jdiameter.api.validation,org.mobic
ents.diameter.dictionary,javax.management,org.jdiameter.client.impl,o
rg.slf4j,org.mobicents.diameter.stack.management,org.jdiameter.client
.api.fsm,org.jboss.system,org.mobicents.diameter.api,org.jdiameter.co
mmon.impl.validation,org.jdiameter.server.impl,org.jdiameter.server.i
mpl.helpers,org.jdiameter.client.api.controller,org.jdiameter.client.
impl.controller,javax.ejb,javax.annotation,org.jdiameter.common.api.c
 oncurrent,org.jdiameter.client.api",org.mobicents.diameter.stack.mana
gement;uses:="org.jdiameter.api,org.jdiameter.client.impl.helpers,org
.jdiameter.common.api.statistic,org.slf4j,org.jdiameter.server.api.ag
ent,org.jdiameter.server.impl,org.jdiameter.server.impl.helpers,org.j
diameter.client.api.controller"
Implementation-Title: org.mobicents.diameter:mobicents-diameter-mux-jar
Implementation-Version: 1.7.0.74
Tool: Bnd-1.15.0
Bundle-Name: Mobicents :: Diameter Multiplexer :: mobicents-diameter-m
ux-jar
Implementation-URL: http://www.mobicents.org
Implementation-Vendor-Id: TeleStax, Inc.
Bundle-Version: 1.7.0.74
Bnd-LastModified: 1454002586123
Bundle-ManifestVersion: 2
Bundle-License: http://www.gnu.org/licenses/lgpl.html
Bundle-Description: Mobicents Diameter
Import-Package: javax.annotation;version="[1.1,2)",javax.ejb;version="
[3.1,4)",javax.management,org.apache.log4j,org.jboss.system,org.jdiam
eter.api,org.jdiameter.api.validation,org.jdiameter.client.api,org.jd
 iameter.client.api.controller,org.jdiameter.client.api.fsm,org.jdiame
ter.client.impl,org.jdiameter.client.impl.controller,org.jdiameter.cl
ient.impl.helpers,org.jdiameter.common.api.concurrent,org.jdiameter.c
ommon.api.statistic,org.jdiameter.common.impl.validation,org.jdiamete
```

r.server.api.agent,org.jdiameter.server.impl,org.jdiameter.server.imp
l.helpers,org.slf4j;version="[1.5,2)"
Bundle-SymbolicName: org.mobicents.diameter.mobicents-diameter-mux-jar

Found in path(s):
* /opt/cola/permits/1304469850_1650972669.55/0/mobicents-diameter-mux-jar-1-7-0-74-jar/META-INF/MANIFEST.MF
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1.1609 mobicents-diameter-mux-sar-jboss-4 1.7.0.74

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```
Manifest-Version: 1.0
Archiver-Version: Plexus Archiver
Created-By: Apache Maven Bundle Plugin
Built-By: jenkins
Build-Jdk: 1.7.0_79
Export-Package: org.mobicents.diameter.dictionary;uses:="org.apache.lo
g4j,org.jdiameter.api.validation,org.jdiameter.common.impl.validation
,org.jdiameter.client.impl",org.mobicents.diameter.api;uses:="org.jdi
ameter.api",org.mobicents.diameter.stack;uses:="org.jdiameter.api,org
.jdiameter.client.impl.helpers,org.jdiameter.api.validation,org.mobic
ents.diameter.dictionary,javax.management,org.jdiameter.client.impl,o
rg.slf4j,org.mobicents.diameter.stack.management,org.jdiameter.client
.api.fsm,org.jboss.system,org.mobicents.diameter.api,org.jdiameter.co
mmon.impl.validation,org.jdiameter.server.impl,org.jdiameter.server.i
mpl.helpers,org.jdiameter.client.api.controller,org.jdiameter.client.
impl.controller,javax.ejb,javax.annotation,org.jdiameter.common.api.c
 oncurrent,org.jdiameter.client.api",org.mobicents.diameter.stack.mana
gement;uses:="org.jdiameter.api,org.jdiameter.client.impl.helpers,org
.jdiameter.common.api.statistic,org.slf4j,org.jdiameter.server.api.ag
ent,org.jdiameter.server.impl,org.jdiameter.server.impl.helpers,org.j
diameter.client.api.controller"
Implementation-Title: org.mobicents.diameter:mobicents-diameter-mux-jar
Implementation-Version: 1.7.0.74
Tool: Bnd-1.15.0
Bundle-Name: Mobicents :: Diameter Multiplexer :: mobicents-diameter-m
ux-jar
Implementation-URL: http://www.mobicents.org
Implementation-Vendor-Id: TeleStax, Inc.
Bundle-Version: 1.7.0.74
Bnd-LastModified: 1454002586123
Bundle-ManifestVersion: 2
Bundle-License: http://www.gnu.org/licenses/lgpl.html
Bundle-Description: Mobicents Diameter
Import-Package: javax.annotation;version="[1.1,2)",javax.ejb;version="
[3.1,4)",javax.management,org.apache.log4j,org.jboss.system,org.jdiam
eter.api,org.jdiameter.api.validation,org.jdiameter.client.api,org.jd
 iameter.client.api.controller,org.jdiameter.client.api.fsm,org.jdiame
ter.client.impl,org.jdiameter.client.impl.controller,org.jdiameter.cl
ient.impl.helpers,org.jdiameter.common.api.concurrent,org.jdiameter.c
ommon.api.statistic,org.jdiameter.common.impl.validation,org.jdiamete
```

r.server.api.agent,org.jdiameter.server.impl,org.jdiameter.server.imp
l.helpers,org.slf4j;version="[1.5,2)"
Bundle-SymbolicName: org.mobicents.diameter.mobicents-diameter-mux-jar

Found in path(s):
* /opt/cola/permits/1304469851_1650977477.67/0/mobicents-diameter-mux-jar-1-7-0-74-jar/META-INF/MANIFEST.MF

1.1610 xz 5.2.4-1ubuntu1.1

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Upstream-Name: XZ Utils
Upstream-Contact:
Lasse Collin <lasse.collin@tukaani.org>
https://tukaani.org/xz/lists.html
Source:
https://tukaani.org/xz
https://git.tukaani.org/xz.git
Comment:
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To: Jonathan Nieder <jrnieder@gmail.com>
Subject: Re: XZ utils for Debian
Date: Sun, 19 Jul 2009 13:28:23 +0300
Message-Id: <200907191328.23816.lasse.collin@tukaani.org>
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src/liblzma/lzma/fastpos_tablegen.c
src/liblzma/rangecoder/price_tablegen.c
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Comment:
changelog.gz (commit 975d8fd) explains:
.
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were linked with crt*.o, which are copyrighted, and thus the
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Other-Authors: Roland McGrath, Akim Demaille, Paul Eggert,
David Mackenzie, Bruno Haible, and many others.
Origin: configure.ac from XZ Utils,
visibility.m4 serial 1 (gettext-0.15),
Autoconf 2.52g
License: config-h
configure.ac:
.
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#
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dos/config.h was generated with autoheader, which tells Autoconf to
output a script to generate a config.h file and then runs it.

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Origin: gettext-runtime/po/Makevars (gettext-0.12)
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1.1614 masterminds-goutils 1.1.1

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```

*/

Found in path(s):
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/function/CheckedConsumer.java
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/internal/ClosedState.java
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/Fallback.java
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/RetryPolicy.java
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/function/ContextualRunnable.java
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/internal/util/Assert.java
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/function/CheckedFunction.java
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/util/concurrent/Scheduler.java
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/FailsafeException.java
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/internal/CircuitState.java
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/Failsafe.java
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/util/concurrent/DefaultScheduledFuture.java
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/AbstractExecution.java
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/FailsafeExecutor.java
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/function/ContextualSupplier.java
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/function/AsyncRunnable.java
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/function/CheckedRunnable.java
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/AsyncExecution.java
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/internal/OpenState.java
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/function/CheckedSupplier.java
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/ExecutionContext.java
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/Functions.java
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/internal/HalfOpenState.java

* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/CircuitBreakerOpenException.java
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/Execution.java
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/function/AsyncSupplier.java
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/internal/CircuitBreakerInternals.java
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/FailsafeFuture.java
* /opt/cola/permits/1315106619_1650870859.95/0/failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/CircuitBreaker.java

1.1617 libsepol 3.0-1ubuntu0.1

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1.1618 openssh 8.8

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   *
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   *
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 Many improvements to the libsensors configuration file scanner.
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 New libsensors API, and migration of sensors and sensord thereto.
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1.1630 plexus-component-annotations 2.0.0

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1.1631 kubernetes 23.6.0

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1.1632 glibc 2.31-0ubuntu9.9

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1.1633 protobuf 1.26.0

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1.1634 reflectwalk 1.0.2

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1.1635 groupcache 0.0.0-20210331224755-41bb18bfe9da

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1.1636 glob 0.2.3

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1.1637 xxhash 2.1.1

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1.1638 go-resiliency 1.2.0

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1.1639 google-uuid 1.1.1

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#
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#
Andreas Jaekle <andreas@jaekle.net>
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1.1646 jemalloc 4.0.3

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1.1650 gson 2.8.7

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* /opt/cola/permits/1330760950_1653010360.2168462/0/gson-2-8-7-sources-1-jar/org/immutables/gson/stream/JsonParserReader.java
* /opt/cola/permits/1330760950_1653010360.2168462/0/gson-2-8-7-sources-1-jar/org/immutables/gson/stream/GsonMessageBodyProvider.java
* /opt/cola/permits/1330760950_1653010360.2168462/0/gson-2-8-7-sources-1-jar/org/immutables/gson/stream/JsonGeneratorWriter.java
* /opt/cola/permits/1330760950_1653010360.2168462/0/gson-2-8-7-sources-1-jar/org/immutables/gson/adapter/ExpectedSubtypesAdapter.java

1.1651 gson 2.9.0

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* /opt/cola/permits/1331093984_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/internal/bind/TypeAdapterRuntimeTypeWrapper.java
* /opt/cola/permits/1331093984_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/internal/bind/TypeAdapters.java
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 /opt/cola/permits/1331093984_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/internal/bind/ArrayTypeAdapter.java
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* /opt/cola/permits/1331093984_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/internal/JsonReaderInternalAccess.java
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* /opt/cola/permits/1331093984_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/internal/bind/JsonTreeReader.java
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* /opt/cola/permits/1331093984_1653033295.598981/0/gson-2-9-0-sources-1-jar/com/google/gson/JsonParser.java
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When we speak of free software, we are referring to freedom of use,
not price. Our General Public Licenses are designed to make sure that
you have the freedom to distribute copies of free software (and charge
for this service if you wish); that you receive source code or can get
it if you want it; that you can change the software and use pieces of it
in new free programs; and that you are informed that you can do these
things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with

the library.

We call this license the @dfn{Lesser} General Public License because it does @emph{Less} to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the
same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a ``work based on the library'' and a ``work that uses the library''. The former
contains code derived from the library, whereas the latter must be combined with the library in order to run.

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A ``library'' means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The ``Library'', below, refers to any such software library or work which has been distributed under these terms. A ``work based on the Library'' means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it,
either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term ``modification''.)

``Source code'' for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

@enumerate a

@item
The modified work must itself be a software library.

@item
You must cause the files modified to carry prominent notices
stating that you changed the files and the date of any change.

@item
You must
 cause the whole of the work to be licensed at no
charge to all third parties under the terms of this License.

@item
If a facility in the modified Library refers to a function or a
table of data to be supplied by an application program that uses
the facility, other than as an argument passed when the facility
is invoked, then you must make a good faith effort to ensure that,
in the event an application does not supply such function or
table, the facility still operates, and performs whatever part of
its purpose remains meaningful.

(For example, a function in a library to compute square roots has
a purpose that is entirely well-defined independent of the
application. Therefore, Subsection 2d requires that any
application-supplied function or table used by this function must
be optional: if the application does not supply it, the square
root function must still compute square roots.)
@end enumerate

These requirements apply to the modified work as a whole. If
identifiable sections
 of that work are not derived from the Library,
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sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based
on the Library, the distribution of the whole must be on the terms of
this License, whose permissions for other licensees extend to the
entire whole, and thus to each and every part regardless of who wrote
it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you; rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Library.

In addition, mere aggregation of another work not based on the Library
with the Library (or with a work based on the Library) on a volume of

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@item
You may opt to apply the terms of the ordinary GNU General Public
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this, you must alter all the notices that refer to this License, so
that they refer to the ordinary GNU General Public License, version 2,
instead of to this License. (If a newer version than version 2 of the
ordinary GNU General Public License has appeared, then you can specify
that version instead if you wish.) Do not make any other change in
these notices.

Once this change is made in a given copy, it is irreversible for
that copy, so the ordinary GNU General Public License applies to all
subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of
the Library into a program that is not a library.

@item
You may copy and distribute the Library (or a portion or
derivative of it, under Section 2) in object code or executable form
under the terms of Sections 1 and
2 above provided that you accompany
it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

@item
A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
linked with it, is called a ``work that uses the Library''. Such a
work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.

However, linking a ``work that uses the Library'' with the Library
creates an executable that is a derivative of the Library (because
it
contains portions of the Library), rather than a ``work that uses the
library''. The executable is therefore covered by this License.

Section 6 states terms for distribution of such executables.

When a ``work that uses the Library'' uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise,
if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

@item
As an exception to the Sections above, you may also combine or link a ``work that uses the Library'' with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of
this License. Also, you must do one
of these things:

@enumerate a
@item
Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable ``work that uses the Library'', as object code and/or source code, so that the user can modify the Library and then relink to produce a modified

executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

@item
Use a suitable shared library mechanism for linking with the Library. A
suitable mechanism is one that (1) uses at run time a copy of the
library already present on the user's computer system, rather than
copying library functions into the executable,
 and (2) will operate
properly with a modified version of the library, if the user installs
one, as long as the modified version is interface-compatible with the
version that the work was made with.

@item
Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
specified in Subsection 6a, above, for a charge no more
than the cost of performing this distribution.

@item
If distribution of the work is made by offering access to copy
from a designated place, offer equivalent access to copy the above
specified materials from the same place.

@item
Verify that the user has already received a copy of these
materials or that you have already sent this user a copy.
@end enumerate

 For an executable, the required form of the ``work that uses the
Library'' must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the materials to be distributed need not include anything that
 is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies the
executable.

 It may happen that this requirement contradicts the license
restrictions of other proprietary libraries that do not normally
accompany the operating system. Such a contradiction means you cannot
use both them and the Library together in an executable that you
distribute.

@item

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library, provided that the separate distribution of the work based on
the Library and of the other library facilities is otherwise
permitted, and provided that you do these two things:

@enumerate a
@item
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based on the Library,
 uncombined with any other library
facilities. This must be distributed under the terms of the
Sections above.

@item
Give prominent notice with the combined library of the fact
that part of it is a work based on the Library, and explaining
where to find the accompanying uncombined form of the same work.
@end enumerate

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@end enumerate

@subheading END OF TERMS AND CONDITIONS

@page
@subheading How to Apply These Terms to Your New Libraries

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smallexample

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@smallexample

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@var{signature of Ty Coon}, 1 April 1990
Ty Coon, President of Vice
@end smallexample

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b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

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c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to

control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source
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Found in path(s):
* /opt/cola/permits/1334904685_1653676440.7415743/0/istack-commons-runtime-3-0-5-jar/META-INF/maven/com.sun.istack/istack-commons-runtime/pom.xml
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Manifest-Version: 1.0
Bundle-Description: istack common utility code
Implementation-Title: istack common utility code runtime
Bundle-License: https://glassfish.java.net/public/CDDL+GPL_1_1.html, h
ttps://glassfish.java.net/public/CDDL+GPL_1_1.html
Bundle-SymbolicName: com.sun.istack.commons-runtime
Implementation-Version: 3.0.5
Built-By: build
Bnd-LastModified: 1486772850426
Bundle-ManifestVersion: 2
Implementation-Vendor-Id: com.sun.istack
Bundle-DocURL: http://www.oracle.com/
Bundle-Vendor: Oracle Corporation
Import-Package: javax.activation,javax.xml.namespace,javax.xml.stream,
org.xml.sax,org.xml.sax.helpers
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.7))"
Tool: Bnd-3.2.0.201605172007
Implementation-Vendor: Oracle Corporation
Export-Package: com.sun.istack;uses:="javax.activation,javax.xml.strea
m,org.xml.sax,org.xml.sax.helpers";version="3.0.5",com.sun.istack.log
ging;version="3.0.5",com.sun.istack.localization;version="3.0.5"
Bundle-Name:
istack common utility code runtime
Bundle-Version: 3.0.5
Implementation-Build-Id: tags/istack-commons-3.0.5-321, 2017-02-11T01:
27:24+0100

Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_112

Found in path(s):
* /opt/cola/permits/1334904685_1653676440.7415743/0/istack-commons-runtime-3-0-5-jar/META-INF/MANIFEST.MF

1.1656 cast 1.5.0

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1.1657 keyutils 1.6-6ubuntu1.1

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The hypothetical commands `show
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<signature of Ty Coon>, 1 April 1989
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software
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which
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covered by this License.
Section 6 states terms for distribution of such executables.

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If such an object file uses only numerical parameters, data
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Otherwise, if the work is a derivative of the Library, you may
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Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or
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That's all there is to it!

1.1658 go-openapi-jsonreference 0.20.0

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1.1659 e2fsprogs 1.45.5-2ubuntu1.1

1.1659.1 Available under license :

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Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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This is the Debian GNU/Linux prepackaged version of the static EXT2
file system consistency checker (e2fsck.static). The EXT2 utilities

```
were written by Theodore Ts'o <tytso@mit.edu> and Remy Card
<card@masi.ibp.fr>.

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#
# This is a Makefile stub which handles the creation of BSD shared
# libraries.
#
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#

all:: image

real-subdirs:: Makefile
 @echo " MKDIR pic"
 @mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic

image:  $(BSD_LIB)

$(BSD_LIB): $(OBJS)
 (cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
```

```
 $(MV) pic/$(BSD_LIB) .
 $(RM) -f ../$(BSD_LIB)
 (cd ..; $(LN) $(LINK_BUILD_FLAGS) \
  `echo $(my_dir) | sed -e 's;lib/;;'`/$(BSD_LIB) $(BSD_LIB))

install-shlibs install:: $(BSD_LIB)
 @echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
 @$(INSTALL_PROGRAM) $(BSD_LIB) \
  $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
 @-$(LDCONFIG)

install-strip: install

install-shlibs-strip:: install-shlibs

uninstall-shlibs uninstall::
 $(RM) -f $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
 $(RM)
 -rf pic
 $(RM) -f $(BSD_LIB)
 $(RM) -f ../$(BSD_LIB)
```

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Index: tdbsa/tdb.c
==========
--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@ Rev: 23371
Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
*/
/*
- Unix SMB/CIFS implementation.
+ trivial database library - standalone version

- trivial database library - private includes
-
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Gadi Oxman, August 1995

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Theodore Ts'o
23-June-2007

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part of
its purpose remains meaningful.

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It is part of the main e2fsprogs distribution, which can be found at:

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1.1662 python-certifi 2021.05.30

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(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:
http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
an Apache+mod_ssl webserver for SSL client authentication.
Just configure this file as the SSLCACertificateFile.#

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@(#) $RCSfile: certdata.txt,v $
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1.1663 activation-api 1.2.2

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Gocheck - A rich testing framework for Go

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* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
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org.ow2.asm:asm-commons
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org.apache.taglibs:taglibs-standard-spec
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org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
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org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

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org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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* java.sun.security.ssl

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 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-api
 org.apache.tomcat:tomcat-util-scan
 org.apache.tomcat:tomcat-util

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 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

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* java.sun.security.ssl

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http://openjdk.java.net/legal/gplv2+ce.html

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
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org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
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org.eclipse.jetty.toolchain:jetty-schemas

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Oracle OpenJDK

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* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by
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1.1672 golang-jwt 3.2.1+incompatible

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1.1673 prometheus-common 0.37.0

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1.1674 harfbuzz 2.6.4-1ubuntu4.2

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1.1675 free-type 2.10.1-2ubuntu0.2

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#
src/gzip/adler32.c
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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations, which became
Zope Corporation. In 2001, the Python Software Foundation (PSF, see
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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
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2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
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#+TITLE: List of code with permissive licenses as used by GnuPG.
#+STARTUP: showall

* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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1.1681 gnutls 3.6.13-2ubuntu1.7

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Version 2.1, February 1999

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major
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* Markus Kuhn -- 2007-05-26 (Unicode 5.0)
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inline
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1.1691 html5lib 1.1

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1.1693 webencodings 0.5.1

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python-webencodings
==========

This is a Python implementation of the `WHATWG Encoding standard
<http://encoding.spec.whatwg.org/>`_.

* Latest documentation: http://packages.python.org/webencodings/
* Source code and issue tracker:
 https://github.com/gsnedders/python-webencodings
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In order to be compatible with legacy web content
when interpreting something like ``Content-Type: text/html; charset=latin1``,
tools need to use a particular set of aliases for encoding labels

as well as some overriding rules.
For example, ``US-ASCII`` and ``iso-8859-1`` on the web are actually
aliases for ``windows-1252``, and an UTF-8 or UTF-16 BOM takes precedence
over any other encoding declaration.
The Encoding standard defines all such details so that implementations do
not have to reverse-engineer each other.

This module has
 encoding labels and BOM detection,
but the actual implementation for encoders and decoders is Python’s.

Found in path(s):
* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/README.rst
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```
from setuptools import setup, find_packages
import io
from os import path
import re


VERSION = re.search("VERSION = '([^']+)'", io.open(
   path.join(path.dirname(__file__), 'webencodings', '__init__.py'),
   encoding='utf-8'
).read().strip()).group(1)

LONG_DESCRIPTION = io.open(
   path.join(path.dirname(__file__), 'README.rst'),
   encoding='utf-8'
).read()


setup(
   name='webencodings',
   version=VERSION,
   url='https://github.com/SimonSapin/python-webencodings',
   license='BSD',
   author='Simon Sapin',
   author_email='simon.sapin@exyr.org',
   maintainer='Geoffrey Sneddon',
   maintainer_email='me@gsnedders.com',
   description='Character encoding aliases for legacy web content',
   long_description=LONG_DESCRIPTION,
   classifiers=[
       'Development Status :: 4 - Beta',
       'Intended Audience :: Developers',
       'License :: OSI Approved :: BSD License',
```

```
        'Programming Language
 :: Python',
        'Programming Language :: Python :: 2',
        'Programming Language :: Python :: 2.6',
        'Programming Language :: Python :: 2.7',
        'Programming Language :: Python :: 3',
        'Programming Language :: Python :: 3.3',
        'Programming Language :: Python :: 3.4',
        'Programming Language :: Python :: 3.5',
        'Programming Language :: Python :: 3.6',
        'Programming Language :: Python :: Implementation :: CPython',
        'Programming Language :: Python :: Implementation :: PyPy',
        'Topic :: Internet :: WWW/HTTP',
    ],
    packages=find_packages(),
)
```

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```
"""

    webencodings.mklabels
    ~~~~~~~~~~~~~~~~~~~~~

    Regenarate the webencodings.labels module.

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"""

import json
try:
    from urllib import urlopen
except ImportError:
    from urllib.request import urlopen


def assert_lower(string):
    assert string == string.lower()
    return string


def generate(url):
    parts = ['''\
```

```
"""

    webencodings.labels
    ~~~~~~~~~~~~~~~~~~~

    Map encoding labels to their name.

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"""

# XXX Do not edit!
# This file is automatically generated by mklabels.py

LABELS = {
'']
    labels = [
        (repr(assert_lower(label)).lstrip('u'),
         repr(encoding['name']).lstrip('u'))
        for category in json.loads(urlopen(url).read().decode('ascii'))
        for encoding in category['encodings']
         for label in encoding['labels']]
    max_len = max(len(label) for label, name in labels)
    parts.extend(
        '    %s:%s %s,\n' % (label, ' ' * (max_len - len(label)), name)
        for label, name in labels)
    parts.append('}')
    return ''.join(parts)


if __name__ == '__main__':
    print(generate('http://encoding.spec.whatwg.org/encodings.json'))
```

Found in path(s):
* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/mklabels.py
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* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/__init__.py
* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/tests.py

* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/x_user_defined.py
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Metadata-Version: 1.1
Name: webencodings
Version: 0.5.1
Summary: Character encoding aliases for legacy web content
Home-page: https://github.com/SimonSapin/python-webencodings
Author: Geoffrey Sneddon
Author-email: me@gsnedders.com
License: BSD
Description: python-webencodings
==========

This is a Python implementation of the `WHATWG Encoding standard
<http://encoding.spec.whatwg.org/>`_.

* Latest documentation: http://packages.python.org/webencodings/
* Source code and issue tracker:
  https://github.com/gsnedders/python-webencodings
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Platform: UNKNOWN
Classifier: Development Status :: 4 - Beta
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* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/PKG-INFO

1.1694 pep517 0.12.0

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1.1695 six 1.16.0

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1.1699 kustomize-api 0.12.1

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ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities
(CA). These were automatically extracted from Mozilla's root certificates

file (certdata.txt). This file can be found in the mozilla source tree:
http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
It contains the certificates in PEM format and therefore
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Just configure this file as the SSLCACertificateFile.#

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@(#) $RCSfile: certdata.txt,v $
 $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $

1.1711 argparse 1.4.0

1.1711.1 Available under license :

argparse is (c) 2006-2009 Steven J. Bethard <steven.bethard@gmail.com>.

The argparse module was contributed to Python as of Python 2.7 and thus
was licensed under the Python license. Same license applies to all files in
the argparse package project.

For details about the Python License, please see doc/Python-License.txt.

History

Before (and including) argparse 1.1, the argparse package was licensed under
Apache License v2.0.

After argparse 1.1, all project files from the argparse project were deleted
due to license compatibility issues between Apache License 2.0 and GNU GPL v2.

The project repository then had a clean start with some files taken from
Python 2.7.1, so definitely all files are under Python License now.
A. HISTORY OF THE SOFTWARE
==========

Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for

National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes

2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
2.7	2.6	2010	PSF	yes

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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1.1712 snake-yaml 1.31

1.1712.1 Available under license :

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```
Manifest-Version: 1.0
Automatic-Module-Name: org.yaml.snakeyaml
Bnd-LastModified: 1661625605519
Build-Jdk: 1.8.0_301
Built-By: somov
Bundle-Description: YAML 1.1 parser and emitter for Java
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-ManifestVersion: 2
Bundle-Name: SnakeYAML
Bundle-SymbolicName: org.yaml.snakeyaml
Bundle-Version: 1.31.0
Created-By: Apache Maven Bundle Plugin
Export-Package: org.yaml.snakeyaml;version="1.31",org.yaml.snakeyaml.c
omments;version="1.31",org.yaml.snakeyaml.composer;version="1.31",org
.yaml.snakeyaml.constructor;version="1.31",org.yaml.snakeyaml.emitter
;version="1.31",org.yaml.snakeyaml.env;version="1.31",org.yaml.snakey
aml.error;version="1.31",org.yaml.snakeyaml.events;version="1.31",org
.yaml.snakeyaml.extensions.compactnotation;version="1.31",org.yaml.sn
akeyaml.introspector;version="1.31",org.yaml.snakeyaml.nodes;version=
"1.31",org.yaml.snakeyaml.parser;version="1.31",org.yaml.snakeyaml.re
 ader;version="1.31",org.yaml.snakeyaml.representer;version="1.31",org
.yaml.snakeyaml.resolver;version="1.31",org.yaml.snakeyaml.scanner;ve
rsion="1.31",org.yaml.snakeyaml.serializer;version="1.31",org.yaml.sn
akeyaml.tokens;version="1.31",org.yaml.snakeyaml.util;version="1.31"
Import-Package: org.yaml.snakeyaml;version="[1.31,2)",org.yaml.snakeya
ml.comments;version="[1.31,2)",org.yaml.snakeyaml.composer;version="[
1.31,2)",org.yaml.snakeyaml.emitter;version="[1.31,2)",org.yaml.snake
yaml.error;version="[1.31,2)",org.yaml.snakeyaml.events;version="[1.3
1,2)",org.yaml.snakeyaml.introspector;version="[1.31,2)",org.yaml.sna
keyaml.nodes;version="[1.31,2)",org.yaml.snakeyaml.parser;version="[1
.31,2)",org.yaml.snakeyaml.reader;version="[1.31,2)",org.yaml.snakeya
ml.resolver;version="[1.31,2)",org.yaml.snakeyaml.scanner;version="[1
.31,2)",org.yaml.snakeyaml.serializer;version="[1.31,2)",org.yaml.sna
keyaml.tokens;version="[1.31,2)"
Require-Capability:
 osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.7))"
Tool: Bnd-3.5.0.201709291849
```

Found in path(s):
* /opt/cola/permits/1411164830_1662638255.0564854/0/snakeyaml-1-31-jar/META-INF/MANIFEST.MF
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* /opt/cola/permits/1411164830_1662638255.0564854/0/snakeyaml-1-31-jar/META-INF/maven/org.yaml/snakeyaml/pom.xml

1.1713 simpleclient_tracer_common 0.16.0

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* /opt/cola/permits/1417007592_1663222185.723631/0/simpleclient-tracer-common-0-16-0-sources-jar/META-INF/maven/io.prometheus/simpleclient_tracer_common/pom.xml

1.1714 simpleclient 0.16.0

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*/

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*
* Source: http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/src/jsr166e/DoubleAdder.java?revision=1.12
*/

Found in path(s):
* /opt/cola/permits/1417007534_1663222283.6427658/0/simpleclient-0-16-0-sources-jar/io/prometheus/client/DoubleAdder.java

1.1715 simpleclient_tracer_otel 0.16.0

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* /opt/cola/permits/1417007497_1663222176.7797983/0/simpleclient-tracer-otel-0-16-0-jar/META-INF/maven/io.prometheus/simpleclient_tracer_otel/pom.xml
No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0
Bnd-LastModified: 1655327871630
Build-Jdk: 11.0.15
Built-By: fabian
Bundle-Description: The Prometheus Java Suite: Client Metrics, Expositio
n, and Examples
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-ManifestVersion: 2

Bundle-Name: Prometheus Java Span Context Supplier - OpenTelemetry
Bundle-SymbolicName: io.prometheus.simpleclient_tracer_otel
Bundle-Version: 0.16.0
Created-By: Apache Maven Bundle Plugin
Export-Package: io.prometheus.client.exemplars.tracer.otel;uses:="io.pro
metheus.client.exemplars.tracer.common";version="0.16.0"
Import-Package: io.opentelemetry.api.trace;resolution:=optional,io.prome
theus.client.exemplars.tracer.common;version="[0.16,1)"
Tool: Bnd-2.1.0.20130426-122213

Found in path(s):
* /opt/cola/permits/1417007497_1663222176.7797983/0/simpleclient-tracer-otel-0-16-0-jar/META-INF/MANIFEST.MF

1.1716 simpleclient-common 0.16.0

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* /opt/cola/permits/1417007578_1663222312.300148/0/simpleclient-common-0-16-0-sources-jar/META-INF/maven/io.prometheus/simpleclient_common/pom.xml

1.1717 simpleclient-httpserver 0.16.0

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1.1718 simpleclient_tracer_otel_agent 0.16.0

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Found in path(s):
* /opt/cola/permits/1417007584_1663222288.9837213/0/simpleclient-tracer-otel-agent-0-16-0-sources-jar/META-

INF/maven/io.prometheus/simpleclient_tracer_otel_agent/pom.xml

1.1719 simpleclient-hotspot 0.16.0

1.1719.1 Available under license :

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Manifest-Version: 1.0
Bnd-LastModified: 1655327979490
Build-Jdk: 11.0.15
Built-By: fabian
Bundle-Description: Collectors of data from Java Hotspot.
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-ManifestVersion: 2
Bundle-Name: Prometheus Java Simpleclient Hotspot
Bundle-SymbolicName: io.prometheus.simpleclient_hotspot
Bundle-Version: 0.16.0
Created-By: Apache Maven Bundle Plugin
Export-Package: io.prometheus.client.hotspot;uses:="io.prometheus.client
";version="0.16.0"
Import-Package: com.sun.management,io.prometheus.client;version="[0.16,1
)",javax.management,javax.management.openmbean
Tool: Bnd-2.1.0.20130426-122213

Found in path(s):
* /opt/cola/permits/1417007560_1663222261.4278126/0/simpleclient-hotspot-0-16-0-jar/META-INF/MANIFEST.MF
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1.1720 gir1.2-gdkpixbuf-2.0 2.40.0+dfsg-3ubuntu0.4

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1.1723 pcre 10.34-7ubuntu0.1

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THE BASIC LIBRARY FUNCTIONS

Written by: Philip Hazel
Email local part: ph10
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PCRE2 JUST-IN-TIME COMPILATION SUPPORT

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1.1725 scala-logging_2.13 3.9.4

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1.1726 jax-rpc 1.1

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* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-jar/javax/xml/rpc/holders/LongHolder.java
* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-jar/javax/xml/rpc/ServiceException.java
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* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-jar/javax/xml/rpc/holders/StringHolder.java
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* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-jar/javax/xml/rpc/encoding/TypeMapping.java
* /opt/cola/permits/1424335900_1663888105.7825959/0/axis-jaxrpc-sources-jar-zip/axis-jaxrpc-1-2-sources-jar/javax/xml/rpc/FactoryFinder.java

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1.1728 slf4j 1.7.36

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1.1729 google-go-cmp 0.5.9

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1.1730 go-openapi-swag 0.22.3

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1.1732 ecj 3.26.0

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* bug 349326 - [1.7] new warning for missing try-with-resources
* bug 359362 - FUP of bug 349326: Resource leak on non-Closeable resource
* bug 186342 - [compiler][null] Using annotations for null checking
* bug 358903 - Filter practically unimportant resource leak warnings
* bug 400421 - [compiler] Null analysis for fields does not take @com.google.inject.Inject
into account
* bug 382069 - [null] Make the null analysis consider JUnit's assertNotNull similarly to assertions
* Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object),
Collection#remove(Object) et al.
* Jesper S Moller <jesper@selskabet.org> - Contributions for
* Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
* Ulrich Grave <ulrich.grave@gmx.de> - Contributions for
* bug 386692 - Missing "unused" warning on "autowired" fields
* Pierre-Yves B. <pyvesdev@gmail.com> - Contribution for
* bug 542520 - [JUnit 5] Warning The method xxx from the type X is never used locally is shown
when using MethodSource
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ExportsStatement.java
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/opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredPackageVisibilityStatement.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredModuleReference.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredRequiresStatement.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/flow/FieldInitsFakingFlowContext.java
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*     Jesper Steen Moeller - Contribution for bug 406973 - [compiler] Parse MethodParameters attribute
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*         bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*******************************************************************************/
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Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/flow/LabelFlowContext.java
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* Contributors:
* IBM Corporation - initial API and implementation
* Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
* Bug 328281 - visibility leaks not detected when analyzing unused field in private class
* Bug 300576 - NPE Computing type hierarchy when compliance doesn't match libraries
* Bug 354536 - compiling package-info.java still depends on the order of compilation units
* Bug 349326 - [1.7] new warning for missing try-with-resources
* Bug
358903 - Filter practically unimportant resource leak warnings
* Bug 395977 - [compiler][resource] Resource leak warning behavior possibly incorrect for anonymous inner class
* Bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
* Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
* Bug 427199 - [1.8][resource] avoid resource leak warnings on Streams that have no resource
* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
* Bug 434570 - Generic type mismatch for parametrized class annotation attribute with inner class
* Bug 444024 - [1.8][compiler][null] Type mismatch error in annotation generics assignment which happens
"sometimes"
* Bug 459967 - [null] compiler should know about nullness of special methods like MyEnum.valueOf()
* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com -
Contributions for
* Bug 415821 - [1.8][compiler] CLASS_EXTENDS target type annotation missing for anonymous
classes
* het@google.com - Bug 456986 - Bogus error when annotation processor generates annotation type
* Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
* Bug 473178
**********/

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/lookup/ClassScope.java
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*           bug 343713 - [compiler] bogus line number in constructor of inner class in 1.5 compliance
*           bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 186342 - [compiler][null] Using annotations for null checking
*       bug 361407 - Resource leak warning when resource is assigned to a field outside of constructor
*       bug 368546 - [compiler][resource] Avoid
 remaining false positives found when compiling the Eclipse SDK
*       bug 383690 - [compiler] location of error re uninitialized final field should be aligned
*       bug 331649 - [compiler][null] consider null annotations for fields
*       bug 383368 - [compiler][null] syntactic null analysis for field references
*       bug 400421 - [compiler] Null analysis for fields does not take @com.google.inject.Inject into account
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
*       Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                       Bug 415399 - [1.8][compiler] Type annotations on constructor results dropped by the code
generator
*     Ulrich Grave <ulrich.grave@gmx.de> - Contributions
 for
*                       bug 386692 - Missing "unused" warning on "autowired" fields
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/ConstructorDeclaration.java
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*       Bug 440474 - [null] textual encoding of external null annotations
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/tool/JrtFileSystem.java
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*       bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*       bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*       Bug 392099
 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations
*       Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*       Bug 412076 - [compiler] @NonNullByDefault doesn't work for varargs parameter when in generic interface
*       Bug 403216 - [1.8][null] TypeReference#captureTypeAnnotations treats type annotations as type argument
annotations
*       Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
*       Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*       Bug 416175 - [1.8][compiler][null] NPE with a code snippet that used null annotations on wildcards
*       Bug 416174 - [1.8][compiler][null] Bogus name clash error with null annotations
*       Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
*       Bug 400874 - [1.8][compiler]
 Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
*       Bug 425278 - [1.8][compiler] Suspect error: The target type of this expression is not a well formed parameterized
type due to bound(s) mismatch
*       Bug 425798 - [1.8][compiler] Another NPE in ConstraintTypeFormula.reduceSubType
*       Bug 425156 - [1.8] Lambda as an argument is flagged with incompatible error
*       Bug 426563 - [1.8] AIOOBE when method with error invoked with lambda expression as argument
*       Bug 426792 - [1.8][inference][impl] generify new type inference engine
*       Bug 428294 - [1.8][compiler] Type mismatch: cannot convert from List<Object> to Collection<Object[]>
*       Bug 427199 - [1.8][resource] avoid resource leak warnings on Streams that have no resource
*       Bug 416182 - [1.8][compiler][null] Contradictory null annotations not rejected
 *       Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*       Bug 438179 - [1.8][null] 'Contradictory null annotations' error on type variable with explicit null-annotation.
*       Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
*       Bug 446434 - [1.8][null] Enable interned captures also when analysing null type annotations
*       Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*       Bug 456508 - Unexpected RHS PolyTypeBinding for: <code-snippet>
*       Bug 390064 - [compiler][resource] Resource leak warning missing when extending parameterized class
*     Jesper S Møller  - Contributions for bug 381345 : [1.8] Take care of the Java 8 major version
*       Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*******************************************************************************/
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Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ParameterizedTypeBinding.java
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*       bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 370930 - NonNull annotation not considered for enhanced for loops
*       bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 393719 - [compiler] inconsistent warnings
 on iteration variables
*       Bug 411964 - [1.8][null] leverage null type annotation in foreach statement
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*       Bug 415790 - [compiler][resource]Incorrect potential resource leak warning in for loop with close in try/catch
*     Jesper S Moller -  Contribution for
*       bug 401853 - Eclipse Java compiler creates invalid bytecode (java.lang.VerifyError)
*                          bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*******************************************************************************/
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ForeachStatement.java
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* Stephan Herrmann - Contribution for
* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ArrayQualifiedTypeReference.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/model/TypeVariableImpl.java

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*     Stephan Herrmann - Contributions for
*       bug 186342 - [compiler][null] Using annotations for null checking
*       bug 365519 - editorial cleanup after bug 186342 and bug 365387
*       Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*       Bug 435570 - [1.8][null] @NonNullByDefault
 illegally tries to affect "throws E"
*       Bug 438012 - [1.8][null] Bogus Warning: The nullness annotation is redundant with a default that applies to this
location
*       Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                       Bug 409246 - [1.8][compiler] Type annotations on catch parameters not handled properly
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/Argument.java
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*         Bug 473178
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*       bug 185682 - Increment/decrement operators mark local variables as read
*       bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*       bug 331649 - [compiler][null] consider null annotations for fields
*       bug 383368 - [compiler][null] syntactic null analysis for field references
*       bug 392384 - [1.8][compiler][null] Restore nullness
 info from type annotations in class files
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 411964 - [1.8][null] leverage null type annotation in foreach statement
*       Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null
*******************************************************************************/
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/Reference.java
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*         bug 407191 - [1.8] Binary access support for type annotations
*     Stephan Herrmann - Contribution for
*       Bug 440474 - [null] textual encoding of external null annotations
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* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
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* IBM Corporation - Fix for bug 328575
* het@google.com - Bug 415274 - Annotation processing throws a NPE in getElementsAnnotatedWith()
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*   bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*   bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking
*   Bug 415790
 - [compiler][resource]Incorrect potential resource leak warning in for loop with close in try/catch
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Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/WhileStatement.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ForStatement.java
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* bug 337868 - [compiler][model] incomplete support for package-info.java when using SearchableEnvironment
* bug 186342 - [compiler][null] Using annotations for null checking
**********/

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* bug 349326 - [1.7] new warning for missing try-with-resources
* bug 186342 - [compiler][null] Using annotations for null checking
* bug 370639 - [compiler][resource] restore the default for resource leak warnings
* bug 265744 - Enum switch should warn about missing default
* bug 374605 - Unreasonable warning for enum-based switch statements
* bug 381443
 - [compiler][null] Allow parameter widening from @NonNull to unannotated
* Bug 441208 - [1.8][null]SuppressWarnings("null") does not suppress / marked Unnecessary
* Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object), Collection#remove(Object) et al.
**********/

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* Stephan Herrmann - Contributions for
* bug 186342 - [compiler][null] Using annotations for null checking
* bug 365519 - editorial cleanup after bug 186342 and bug 365387
* Bug 434570 - Generic type mismatch for parametrized class annotation attribute with inner class
**********/

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/MemberValuePair.java
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*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 429384 - [1.8][null] implement conformance rules for null-annotated lower / upper type bounds
*       Bug 441797 - [1.8] synchronize type annotations on capture and its wildcard
*       Bug 456497 - [1.8][null] during inference nullness from target type is lost against weaker
 hint from applicability analysis
*       Bug 456924 - StackOverflowError during compilation
*       Bug 462790 - [null] NPE in Expression.computeConversion()
*     Jesper S Møller - Contributions for bug 381345 : [1.8] Take care of the Java 8 major version
*       Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*******************************************************************************/
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Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/CaptureBinding.java
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*       bug 186342 - [compiler][null] Using annotations for null checking
*       bug 365519 - editorial cleanup after bug 186342 and bug 365387
*       bug 388281 - [compiler][null] inheritance of null annotations as an option
*       bug 388795 - [compiler] detection of name clash depends on order of super interfaces
```

```
*       bug 388739 - [1.8][compiler] consider default methods when detecting whether
 a class needs to be declared abstract
*       bug 390883 - [1.8][compiler] Unable to override default method
*       bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*       bug 401246 - [1.8][compiler] abstract class method should now trump conflicting default methods
*       bug 401796 - [1.8][compiler] don't treat default methods as overriding an independent inherited abstract method
*       bug 403867 - [1.8][compiler] Suspect error about duplicate default methods
*       bug 391376 - [1.8] check interaction of default methods with bridge methods and generics
*       bug 395681 - [compiler] Improve simulation of javac6 behavior from bug 317719 after fixing bug 388795
*       bug 409473 - [compiler] JDT cannot compile against JRE 1.8
*       Bug 420080 - [1.8] Overridden Default method is reported as duplicated
*       Bug 404690 - [1.8][compiler] revisit bridge generation after VM bug is fixed
 *       Bug 410325 - [1.7][compiler] Generified method override different between javac and eclipse compiler
*       Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*       Bug 390889 - [1.8][compiler] Evaluate options to support 1.7- projects against 1.8 JRE.
*       Bug 440773 - [1.8][null]DefaultLocation.RETURN_TYPE erroneously affects method parameters in
@NonNullByDefault
*       Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*       Bug 446442 - [1.8] merge null annotations from super methods
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Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/MethodVerifier15.java
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* Stephen Herrmann <stephan@cs.tu-berlin.de> - Contributions for
* bug 317046 - Exception during debugging when hover mouse over a field
* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
* bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class
files
* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
* Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations
* Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
* Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
* Bug 424712 - [1.8][compiler] NPE in TypeBinding.isProvablyDistinctTypeArgument
* Bug 426792 - [1.8][inference][impl] generify new type inference engine
* Bug 426764 - [1.8] Presence of conditional expression as method argument confuses compiler
* Bug 423505 - [1.8] Implement "18.5.4 More Specific Method Inference"
* Bug 427626 - [1.8] StackOverflow while typing new ArrayList<String>().toArray(and asking for code completion
* Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
* Bug 435962 - [RC2] StackOverFlowError when building
* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
* Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable
* Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
* Bug 446434 - [1.8][null] Enable interned captures also when analysing null type annotations
* Jesper S Moller <jesper@selskabet.org> - Contributions for
* bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
* bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*
**********/

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
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*          bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*          bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 265744 - Enum switch should warn about missing default
*       bug 374605 - Unreasonable warning for enum-based switch statements
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
 *******************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/SwitchStatement.java
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*          bug 349326 - [1.7] new warning for missing try-with-resources
*          bug 359362 - FUP of bug 349326: Resource leak on non-Closeable resource
*       bug 358903 - Filter practically unimportant resource leak warnings
*       Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 400874 - [1.8][compiler] Inference infrastructure
 should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
*       Bug 426676 - [1.8][compiler] Wrong generic method type inferred from lambda expression
*       Bug 427411 - [1.8][generics] JDT reports type mismatch when using method that returns generic type
*       Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
*       Bug 435962 - [RC2] StackOverFlowError when building
*       Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*       Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable
*       Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
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*     Jesper S Moller - Contributions for
*       Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
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*       Bug 440687 - [compiler][batch][null] improve command line option for external annotations
*     Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*         Bug 473178
*******************************************************************************/
```

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*    olivier_thomann@ca.ibm.com - add hashCode() and equals(..) methods
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ReductionResult.java
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*   wharley@bea.com - derived base class from BatchMessagerImpl
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/CompactConstructorDeclaration.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/TextBlock.java
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*   Perry James - nullStatus method improvement (165346)
*   Stephan Herrmann - Contribution for
*   bug 383368 - [compiler][null] syntactic null analysis for field references
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Found in path(s):
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* Contributors:
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*     Stephan Herrmann - Contribution for
*       Bug 432977 - [1.8][null] Incorrect 'type is not visible' compiler error
*       Bug 446434 - [1.8][null] Enable interned captures also when analysing null type annotations
*******************************************************************************/
/* Taking the binding of QTR as an example, there could be different annotatable components, but we come in a
with a single binding, e.g:

 @T Z;                          type => Z  annotations => [[@T]]
     @T Y.@T Z                        type => Z  annotations => [[@T][@T]]
     @T X.@T Y.@T Z                       type => Z  annotations => [[@T][@T][@T]]
     java.lang.@T X.@T Y.@T Z                 type => Z  annotations => [[][][@T][@T][@T]]
     in all these cases the incoming type binding is for Z, but annotations are for different levels. We need to align their
layout for proper attribution.
    */
```

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/AnnotatableTypeSystem.java
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*     Erling Ellingsen -  patch for bug 125570
*     Stephan Herrmann - Contribution for
*       Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*       Bug 434570 - Generic type mismatch for parametrized class annotation attribute with inner class
*     Sebastian Zarnekow - Contribution for
*       Bug 544921 - [performance] Poor performance with large source files
*******************************************************************************/
```

Found
 in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/CompilationUnitScope.java
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*     Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*       bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*       bug 292478 - Report potentially null across variable assignment
*       bug 335093 - [compiler][null] minimal hook for future null annotation support
*       bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 186342 - [compiler][null] Using annotations for null checking
 *       bug 358903 - Filter practically unimportant resource leak warnings
*       bug 370639 - [compiler][resource] restore the default for resource leak warnings
*       bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*       bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*       bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
*       bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*       bug 383368 - [compiler][null] syntactic null analysis for field references
*       bug 400761 - [compiler][null] null may be return as boolean without a diagnostic
```

```
*       Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 427438 - [1.8][compiler] NPE at
org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
 *       Bug 430150 - [1.8][null] stricter checking against type variables
*       Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*     Jesper S Moller - Contributions for
*       Bug 378674 - "The method can be declared as static" is wrong
*       Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*       Bug 529556 - [18.3] Add content assist support for 'var' as a type
*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*       Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation
*       Bug 426616 - [1.8][compiler] Type Annotations, multiple problems
*******************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/LocalDeclaration.java
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*     Stephan Herrmann - Contributions for
*       bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 186342 - [compiler][null] Using annotations for null checking
*       bug 365519 - editorial cleanup after bug 186342 and bug 365387
*       bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*       bug 382353 - [1.8][compiler] Implementation property modifiers should
 be accepted on default methods.
*       bug 383368 - [compiler][null] syntactic null analysis for field references
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*       Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
*       Bug 438012 - [1.8][null] Bogus Warning: The nullness annotation is redundant with a default that applies to this
location
*       Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*       Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
*     Jesper S Moller <jesper@selskabet.org> - Contributions for
```

```
*       bug 378674 - "The method can be declared as static" is wrong
*******************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/MethodDeclaration.java
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*     Stephan Herrmann - Contribution for
*       Bug 427438 - [1.8][compiler] NPE at
org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
*******************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ExpressionContext.java
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*       bug 186342 - [compiler][null] Using annotations for null checking
*       bug 367203 - [compiler][null] detect assigning null to nonnull argument
*       bug 365519 - editorial cleanup after bug 186342 and bug 365387
*       bug 365662 - [compiler][null] warn on contradictory and redundant null annotations
*       bug 365531 - [compiler][null] investigate alternative strategy for internally
```

encoding nullness defaults
* bug 388281 - [compiler][null] inheritance of null annotations as an option
* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
* Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
* Bug 425152 - [1.8] [compiler] Lambda Expression not resolved but flow analyzed leading to NPE.
* Bug 423505 - [1.8] Implement "18.5.4 More Specific Method Inference"
* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
* Bug 438012 - [1.8][null] Bogus Warning: The nullness annotation is redundant with a default that applies to this location
* Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable
* Bug 443347 - [1.8][null]
@NonNullByDefault should not affect constructor arguments of an anonymous instantiation
* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
* Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
* Bug 456584 - [1.8][null] Bogus warning for return type variable's @NonNull annotation being 'redundant'
* Bug 471611 - Error on hover on call to generic method with null annotation
* Jesper Steen Moller - Contributions for
* Bug 412150 [1.8] [compiler] Enable reflected parameter names during annotation processing
**********/

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/MethodBinding.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/IBinaryAnnotation.java
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* Stephan Herrmann - Contribution for bug 295551
* Jesper S Moller - Contributions for
* Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
* Frits Jalvingh - contributions for bug 533830.
* Red Hat Inc. - add module-info Javadoc support
**********/

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/CompilationUnitDeclaration.java
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* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/BreakStatement.java
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*     Jesper S Moller - Contributions for
*       bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
*                    Bug 384687 - [1.8] Wildcard type arguments should be rejected for lambda and reference
expressions
*       Bug 416885 - [1.8][compiler]IncompatibleClassChange error (edit)
*    Stephan Herrmann - Contribution for
*       bug 402028 - [1.8][compiler] null analysis for reference
 expressions
*       bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super via I.super.m() syntax
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
*       Bug 424637 - [1.8][compiler][null] AIOOB in ReferenceExpression.resolveType with a method reference to
Files::walk
*       Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
*       Bug 424403 - [1.8][compiler] Generic method call with method reference argument fails to resolve properly.
*       Bug 427196 - [1.8][compiler] Compiler error for method reference to overloaded method
*       Bug 427438
 - [1.8][compiler] NPE at
org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
*       Bug 428264 - [1.8] method reference of generic class causes problems (wrong inference result or NPE)
*       Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*       Bug 426537 - [1.8][inference] Eclipse compiler thinks I<? super J> is compatible with I<J<?>> - raw type J
involved
*       Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
*       Bug 435689 - [1.8][inference] Type inference not occurring with lambda expression and method reference
*       Bug 438383 - [1.8][null] Bogus warning: Null type safety at method return type
*       Bug 434483 - [1.8][compiler][inference] Type inference not picked up with method reference
*       Bug 441734 - [1.8][inference] Generic method with nested parameterized type argument fails on method reference
*       Bug 438945 - [1.8] NullPointerException
 InferenceContext18.checkExpression in java 8 with generics, primitives, and overloading
*       Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
*       Bug 448709 - [1.8][null] ensure we don't infer types that violate null constraints on a type parameter's bound
*       Bug 459967 - [null] compiler should know about nullness of special methods like MyEnum.valueOf()
*       Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
*       Bug 470542 - NullPointerException in ReferenceExpression.isPotentiallyCompatibleWith (962)
*        Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contribution for
```

* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
**********/

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* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
* Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
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Found

in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/BaseTypeBinding.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/JavadocModuleReference.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/util/Archive.java
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* Stephan Herrmann - Contributions for
* bug 186342 - [compiler][null] Using annotations for null checking
* bug 331649 - [compiler][null] consider null annotations for fields
* bug 383368 - [compiler][null] syntactic null analysis for field references
* bug 382069 - [null] Make the null analysis consider JUnit's assertNotNull similarly to assertions
* bug 403086 - [compiler][null] include the effect of 'assert'
 in syntactic null analysis for fields
**********/

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* Stephan Herrmann - Contribution for
* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
* bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check
* Bug 453483 - [compiler][null][loop] Improve null analysis for loops
* Bug 421035 - [resource] False alarm of resource leak warning when casting a closeable in its assignment
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*        bug 365662 - [compiler][null] warn on contradictory and redundant null annotations
*        bug 401030 - [1.8][null] Null analysis support for lambda methods.
*        Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*        Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
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 in path(s):
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/IJavadocTypeReference.java
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*	IBM Corporation - initial API and implementation
*	Stephan Herrmann <stephan@cs.tu-berlin.de> - Contribution for bug 185682 - Increment/decrement operators mark local variables as read
**********/

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/JavadocFieldReference.java
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*	Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*		Bug 407191 - [1.8] Binary access support for type annotations
**********/

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/IBinaryField.java
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*	Stephan Herrmann - Contributions for
*		bug 349326 - [1.7] new warning for missing try-with-resources
*		bug 186342 - [compiler][null] Using annotations for null checking
*		bug 365519 - editorial cleanup after bug 186342 and bug 365387
*		bug 358903 - Filter practically unimportant resource leak warnings

```
*       bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
 *       bug 388281 - [compiler][null] inheritance of null annotations as an option
*       bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*       bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*       bug 400421 - [compiler] Null analysis for fields does not take @com.google.inject.Inject into account
*       bug 382069 - [null] Make the null analysis consider JUnit's assertNotNull similarly to assertions
*       bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations
*       Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*       Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
*       Bug
 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
*       Bug 426792 - [1.8][inference][impl] generify new type inference engine
*       Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
*       Bug 427199 - [1.8][resource] avoid resource leak warnings on Streams that have no resource
*       Bug 418743 - [1.8][null] contradictory annotations on invocation of generic method not reported
*       Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*       Bug 431581 - Eclipse compiles what it should not
*       Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable
*       Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
*       Bug 446442 - [1.8] merge null annotations from
 super methods
*       Bug 456532 - [1.8][null] ReferenceBinding.appendNullAnnotation() includes phantom annotations in error
messages
*       Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object),
Collection#remove(Object) et al.
*      Jesper S Moller - Contributions for
*       bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
*       bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
*       bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*     Ulrich Grave <ulrich.grave@gmx.de> - Contributions for
*                          bug 386692 - Missing "unused" warning on "autowired" fields
*     Pierre-Yves B. <pyvesdev@gmail.com> - Contribution for
*                          bug 542520 - [JUnit 5] Warning The method xxx from the type X is never used locally is shown
when using MethodSource
*     Sebastian Zarnekow - Contributions
 for
*       bug 544921 - [performance] Poor performance with large source files
*******************************************************************************/
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ReferenceBinding.java
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* Stephan Herrmann - Contribution for
* Bug 429813 - [1.8][dom ast] IMethodBinding#getJavaElement() should return IMethod for lambda
**********/

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/Initializer.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/dispatch/HookedJavaFileObject.java
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* Contributors:
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*   Stephan Herrmann - Contributions for
*   bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*   bug 370639 - [compiler][resource] restore the default for resource leak warnings
*   bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*   Bug 417758 - [1.8][null] Null safety compromise during array creation.
*   Bug 427438 - [1.8][compiler] NPE at
 org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
*   Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*   Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*   Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
**********/

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ArrayInitializer.java
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* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
* Bug 416174 - [1.8][compiler][null] Bogus name clash error with null annotations
* Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
* Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
* Bug 425783 - An
internal error occurred during: "Requesting Java AST from selection". java.lang.StackOverflowError
* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
* Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
**********/

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/RawTypeBinding.java
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* bug 185682 - Increment/decrement operators mark local variables as read
* bug 186342 - [compiler][null] Using annotations for null checking
* bug 365519 - editorial cleanup after bug 186342 and bug 365387
* bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
* bug 345305 - [compiler][null]
Compiler misidentifies a case of "variable can only be null"
* Bug 414380 - [compiler][internal] QualifiedNameReference#indexOfFirstFieldBinding does not point to the first field
* Bug 458396 - NPE in CodeStream.invoke()
* Jesper S Moller - Contributions for
* bug 382721 - [1.8][compiler] Effectively final variables needs special treatment
* bug 331649 - [compiler][null] consider null annotations for fields
* bug 383368 - [compiler][null] syntactic null analysis for field references
* bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check

```
*     Jesper S Moller <jesper@selskabet.org> - Contributions for
*       bug 378674 - "The method can be declared as static" is wrong
*******************************************************************************/
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/QualifiedNameReference.java
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*     Stephan Herrmann - Contributions for
*          bug 236385 - [compiler] Warn for potential programming problem if an object is created but not used
*          bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*          bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 186342 - [compiler][null] Using annotations for null checking
*       bug 358903 - Filter practically unimportant resource
 leak warnings
*       bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*       bug 370639 - [compiler][resource] restore the default for resource leak warnings
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*       bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*       Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*       Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 424727 - [compiler][null] NullPointerException in
nullAnnotationUnsupportedLocation(ProblemReporter.java:5708)
*       Bug 424710
 - [1.8][compiler] CCE in SingleNameReference.localVariableBinding
*       Bug 425152 - [1.8] [compiler] Lambda Expression not resolved but flow analyzed leading to NPE.
*       Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation
*       Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
*       Bug 426366 - [1.8][compiler] Type inference doesn't handle multiple candidate target types in outer overload
context
*       Bug 426290 - [1.8][compiler] Inference + overloading => wrong method resolution ?
*       Bug 426764 - [1.8] Presence of conditional expression as method argument confuses compiler
```

```
*       Bug 424930 - [1.8][compiler] Regression: "Cannot infer type arguments" error from compiler.
*       Bug 427483 - [Java 8] Variables in lambdas sometimes can't be resolved
*       Bug 427438 - [1.8][compiler] NPE at
org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
 *       Bug 426996 - [1.8][inference] try to avoid method Expression.unresolve()?
*       Bug 428352 - [1.8][compiler] Resolution errors don't always surface
*       Bug 429203 - [1.8][compiler] NPE in AllocationExpression.binding
*       Bug 429430 - [1.8] Lambdas and method reference infer wrong exception type with generics (RuntimeException
instead of IOException)
*       Bug 434297 - [1.8] NPE in LamdaExpression.analyseCode with lamda expression nested in a conditional
expression
*       Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
*       Bug 448709 - [1.8][null] ensure we don't infer types that violate null constraints on a type parameter's bound
*     Jesper S Moller <jesper@selskabet.org> - Contributions for
*       bug 378674 - "The method can be declared as static" is wrong
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                     Bug 383624 - [1.8][compiler] Revive
 code generation support for type annotations (from Olivier's work)
*                     Bug 409245 - [1.8][compiler] Type annotations dropped when call is routed through a synthetic
bridge method
*     Till Brychcy - Contributions for
*          bug 413460 - NonNullByDefault is not inherited to Constructors when accessed via Class File
*     Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*          Bug 473178
*******************************************************************************/
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/AllocationExpression.java
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*        bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*        bug 186342 - [compiler][null] Using annotations for null checking
*        bug 361407 - Resource leak warning when resource is assigned to a field outside of constructor
*        bug 370639 - [compiler][resource] restore the default for resource leak warnings
*        bug 388996 - [compiler][resource] Incorrect
 'potential resource leak'
*        bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*        Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*        Bug 424710 - [1.8][compiler] CCE in SingleNameReference.localVariableBinding
*        Bug 425152 - [1.8] [compiler] Lambda Expression not resolved but flow analyzed leading to NPE.
*        Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation
*        Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
*        Bug 426366 - [1.8][compiler] Type inference doesn't handle multiple candidate target types in outer overload
context
*        Bug 426290 - [1.8][compiler] Inference + overloading => wrong method resolution ?
*        Bug 427483 - [Java 8] Variables in lambdas sometimes can't be resolved
*        Bug 427438 - [1.8][compiler]
 NPE at org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
*        Bug 428352 - [1.8][compiler] Resolution errors don't always surface
*        Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
*        Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                        Bug 409245 - [1.8][compiler] Type annotations dropped when call is routed through a synthetic
bridge method
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*   bug 358827 - [1.7] exception analysis for t-w-r spoils null analysis
*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*   bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*   bug 345305 - [compiler][null]
 Compiler misidentifies a case of "variable can only be null"
*   bug 383368 - [compiler][null] syntactic null analysis for field references
*   bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check
*   bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields
*   bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking
*   Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*   Bug 455723 - Nonnull argument not correctly inferred in loop
*   Bug 415790 - [compiler][resource]Incorrect potential resource leak warning in for loop with close in try/catch
*   Bug 446691 - [1.8][null][compiler] NullPointerException in SingleNameReference.analyseCode
**********/

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*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 359334 - Analysis for resource leak warnings does not consider exceptions as method exit points

*	bug 358903 - Filter practically unimportant resource leak warnings
*	bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*	bug 370639 - [compiler][resource]
 restore the default for resource leak warnings
*	bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*	bug 379784 - [compiler] "Method can be static" is not getting reported
*	bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
*	bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super
*	Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*	Bug 371614 - [compiler][resource] Wrong "resource leak" problem on return/throw inside while loop
*	Bug 421035 - [resource] False alarm of resource leak warning when casting a closeable in its assignment
*	Bug 444964 - [1.7+][resource] False resource leak warning (try-with-resources for ByteArrayOutputStream - return inside for loop)
*	Bug 396575 - [compiler][resources] Incorrect Errors/Warnings check for potential resource leak when surrounding with try-catch
*	Jesper S Moller <jesper@selskabet.org> - Contributions for
*	bug 378674 - "The method can be declared as static" is wrong
*	Keigo Imai - Contribution for bug 388903 - Cannot extend inner class as an anonymous class when it extends the outer class
**********/

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*   Walter Harley - initial API and implementation
*   IBM Corporation - fix for 342598, 382590
*   Jean-Marie Henaff <jmhenaff@google.com> (Google) - Bug 481555
**********/

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*   Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*   bug 185682 - Increment/decrement operators mark local variables as read
*   bug 331649 - [compiler][null] consider null annotations for fields
*   bug 383368 - [compiler][null] syntactic null analysis for field references
*   Bug 412203 - [compiler] Internal compiler error: java.lang.IllegalArgumentException: info cannot be null
*   Bug 400874 - [1.8][compiler]
 Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*   Bug 458396 - NPE in CodeStream.invoke()
*   Jesper S Moller - Contributions for
*   Bug 378674 - "The method can be declared as static" is wrong
*   Robert Roth <robert.roth.off@gmail.com> - Contributions for
*   Bug 361039 - NPE in FieldReference.optimizedBooleanConstant
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/FieldReference.java

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*     Stephan Herrmann - Contribution for
*       Bug 440687 - [compiler][batch][null] improve command line option for external annotations
*******************************************************************************/
```

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*     Stephan Herrmann - Contributions for
*       Bug 360328 - [compiler][null] detect null problems in nested code (local class inside a loop)
*       Bug 388630 - @NonNull diagnostics at line 0
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
*       Bug 424727 - [compiler][null] NullPointerException
 in nullAnnotationUnsupportedLocation(ProblemReporter.java:5708)
*       Bug 457210 - [1.8][compiler][null] Wrong Nullness errors given on full build build but not on incremental build?
*     Keigo Imai - Contribution for  bug 388903 - Cannot extend inner class as an anonymous class when it extends the outer class
 *    Pierre-Yves B. <pyvesdev@gmail.com> - Contributions for
*                       Bug 542520 - [JUnit 5] Warning The method xxx from the type X is never used locally is shown when using MethodSource
```

```
*                    Bug 546084 - Using Junit 5s MethodSource leads to ClassCastException
*******************************************************************************/
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/TypeDeclaration.java
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*     Stephan Herrmann - Contribution for
*       Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
*       Bug 426676 - [1.8][compiler] Wrong generic method type inferred from lambda expression
*       Bug 426542 - [1.8] Most specific method not picked when one method has intersection type as type parameter
*       Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
*     Andy
 Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                    Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
*     Jesper S Møller - Contributions for bug 381345 : [1.8] Take care of the Java 8 major version
*                    Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
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Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/IntersectionTypeBinding18.java
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*   IBM Corporation - Bug fixes
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/codegen/CharArrayCache.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/util/HashSetOfInt.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/core/compiler/InvalidInputException.java
*
 /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/codegen/BranchLabel.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/util/ObjectVector.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/codegen/VerificationTypeInfo.java
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* Contributors:
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*     Jesper Steen Moller - Contributions for:
*         Bug 412149: [1.8][compiler] Emit repeated annotations into the designated container
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/SingleMemberAnnotation.java
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jar/org/eclipse/jdt/internal/compiler/lookup/RecordComponentBinding.java
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* Contributors:
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*     Stephan Herrmann - Contributions for
*       bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*       Bug 417758 - [1.8][null] Null safety compromise during array creation.
*       Bug
 427163 - [1.8][null] bogus error "Contradictory null specification" on varags
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                     Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*                     Bug 409247 - [1.8][compiler] Verify error with code allocating multidimensional array
*******************************************************************************/
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Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/ArrayAllocationExpression.java
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*     Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*       bug 185682 - Increment/decrement operators mark local variables as read
```

```
*       bug 331649 - [compiler][null] consider null annotations for fields
*       Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 447088 - [null] @Nullable on fully qualified field type is ignored
*       Bug 435805 - [1.8][compiler][null]
 Java 8 compiler does not recognize declaration style null annotations
*       Bug 458396 - NPE in CodeStream.invoke()
*       Bug 446217 - [null] @NonNullByDefault in package-info.java causes bogus "null type safety" warning
*     Till Brychcy - Contribution for
*             bug 467094 - [1.8][null] TYPE_USE NullAnnotations of array contents are applied to field.
*******************************************************************************/
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Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/FieldBinding.java
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*           Bug 407191 - [1.8] Binary access support for type annotations
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/classfmt/MethodInfoWithTypeAnnotations.java
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*     Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*         Bug 473178
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ConstraintExpressionFormula.java
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*       bug 411098 - [compiler][resource] Invalid Resource Leak Warning using ternary operator inside try-with-resource
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/util/SimpleSetOfCharArray.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/util/SortedCharArrays.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/lookup/SortedSimpleNameVector.java
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*     Jesper S Moller - Contributions for
*       bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
*       bug 382721 - [1.8][compiler] Effectively final variables needs special treatment
*       Bug 416885 - [1.8][compiler]IncompatibleClassChange error (edit)
*     Stephan Herrmann - Contribution for
*       bug 401030 - [1.8][null] Null analysis support for lambda methods.
*       Bug 392099
```

- [1.8][compiler][null] Apply null annotation on types for null analysis
* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
* Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
* Bug 425142 - [1.8][compiler] NPE in ConstraintTypeFormula.reduceSubType
* Bug 425153 - [1.8] Having wildcard allows incompatible types in a lambda expression
* Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation
* Bug 425798 - [1.8][compiler] Another NPE in ConstraintTypeFormula.reduceSubType
* Bug 425156 - [1.8] Lambda as an argument is flagged with incompatible error
* Bug 424403 - [1.8][compiler] Generic method call with method reference argument fails to resolve properly.
* Bug 426563 - [1.8] AIOOBE when method with error
invoked with lambda expression as argument
* Bug 420525 - [1.8] [compiler] Incorrect error "The type Integer does not define sum(Object, Object) that is applicable here"
* Bug 427438 - [1.8][compiler] NPE at org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
* Bug 428294 - [1.8][compiler] Type mismatch: cannot convert from List<Object> to Collection<Object[]>
* Bug 428786 - [1.8][compiler] Inference needs to compute the "ground target type" when reducing a lambda compatibility constraint
* Bug 428980 - [1.8][null] simple expression as lambda body doesn't leverage null annotation on argument
* Bug 429430 - [1.8] Lambdas and method reference infer wrong exception type with generics (RuntimeException instead of IOException)
* Bug 432110 - [1.8][compiler] nested lambda type incorrectly inferred vs javac
* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type
variables
* Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
* Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
* Bug 453483 - [compiler][null][loop] Improve null analysis for loops
* Bug 455723 - Nonnull argument not correctly inferred in loop
* Bug 463728 - [1.8][compiler][inference] Ternary operator in lambda derives wrong type
* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
* Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/tool/EclipseFileObject.java
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* wharley@bea.com - initial API and implementation
* IBM Corporation - fix for 342598
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* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
* Bug 427438 - [1.8][compiler] NPE at

org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
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* Contributors:
* tyeung@bea.com - initial API and implementation
* IBM Corporation - fix for bug 342757
* Stephan Herrmann - Contribution for bug 186342 - [compiler][null] Using annotations for null checking
**********/

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* David Foerster - patch for toUpperCase as described in https://bugs.eclipse.org/bugs/show_bug.cgi?id=153125
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*     Stephan Herrmann - Contributions for
*       bug 186342 - [compiler][null] Using annotations for null checking
*       bug 365519 - editorial cleanup after bug 186342 and bug 365387
*       bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
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*       Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
*       Bug 406982 - [1.8][compiler] Generation of MethodParameters Attribute in classfile
*       Bug 416885 - [1.8][compiler]IncompatibleClassChange error (edit)
*       Bug 412149 - [1.8][compiler] Emit repeated annotations into the designated container
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com
 - Contributions for
*                       Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
*                       Bug 409236 - [1.8][compiler] Type annotations on intersection cast types dropped by code generator
```

```
*                    Bug 409246 - [1.8][compiler] Type annotations on catch parameters not handled properly
*                    Bug 415541 - [1.8][compiler] Type annotations in the body of static initializer get dropped
*                    Bug 415399 - [1.8][compiler] Type annotations on constructor results dropped by the code
generator
*                    Bug 415470 - [1.8][compiler] Type annotations on class declaration go vanishing
*                    Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
*                    Bug 434556 - Broken class file generated for incorrect annotation usage
*                    Bug 442416
 - $deserializeLambda$ missing cases for nested lambdas
*     Stephan Herrmann - Contribution for
*       Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*     Olivier Tardieu tardieu@us.ibm.com - Contributions for
*       Bug 442416 - $deserializeLambda$ missing cases for nested lambdas
*******************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ClassFile.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/InferenceSubstitution.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/classfmt/TypeAnnotationWalker.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ICompilerRequestor.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/AccessRestriction.java
*
 /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/diagnose/RangeUtil.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/OperatorIds.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/AccessRule.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/FalseLiteral.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/classfmt/ClassFileStruct.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/IDependent.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ProblemBinding.java
*
 /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/util/HashtableOfIntValues.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/util/SimpleLookupTable.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/ISourceImport.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/problem/AbortMethod.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/problem/ShouldNotImplement.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredImport.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/util/HashtableOfType.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/SubRoutineStatement.java
*

/opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/codegen/DoubleCache.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/InnerEmulationDependency.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/JavadocReturnStatement.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/problem/AbortCompilationUnit.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/NLSTag.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/PrefixExpression.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/IDebugRequestor.java
*
/opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/TrueLiteral.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/util/SimpleSet.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/CharLiteral.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/antadapter/AntAdapterMessages.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/problem/AbortType.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/util/HashtableOfObjectToInt.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/problem/AbortCompilation.java
*
/opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/IProblemFactory.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/SyntheticFieldBinding.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/util/HashtableOfInt.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/codegen/FloatCache.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ImportConflictBinding.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ExtendedStringLiteral.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/codegen/Label.java
*
/opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/AnnotationHolder.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/classfmt/InnerClassInfo.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/PostfixExpression.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/JavadocArrayQualifiedTypeReference.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/util/HashtableOfLong.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/lookup/ProblemFieldBinding.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/JavadocSingleNameReference.java
*
 /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/codegen/IntegerCache.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/codegen/ObjectCache.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/lookup/SyntheticArgumentBinding.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/MagicLiteral.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/lookup/ParameterizedFieldBinding.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/util/HashtableOfObjectToIntArray.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/codegen/LongCache.java
*
 /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/codegen/CaseLabel.java
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*       Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/VoidTypeBinding.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/NullTypeBinding.java
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*       bug 331649 - [compiler][null] consider null annotations for fields
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 458396 - NPE in CodeStream.invoke()
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/VariableBinding.java
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*     Jesper S Moller - Contributions for
*       Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
*       Bug 406982 - [1.8][compiler] Generation of MethodParameters Attribute in classfile
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                     Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
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```

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in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/classfmt/ClassFileConstants.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/NumberLiteral.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/LongLiteral.java
*
/opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/flow/InitializationFlowContext.java

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/IntLiteral.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/FloatLiteral.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/IntLiteralMinValue.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/InferenceContext.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/LongLiteralMinValue.java
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jar/org/eclipse/jdt/internal/compiler/ast/ModuleDeclaration.java
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*     Stephan Herrmann - Contributions for
*          bug 332637 - Dead Code detection removing code that isn't dead
*          bug 358827 - [1.7] exception analysis for t-w-r spoils null analysis
*          bug 349326 - [1.7] new warning for missing try-with-resources
*          bug 359334 - Analysis for resource leak warnings does not consider exceptions as method exit points
*       bug 358903 - Filter practically unimportant resource
 leak warnings
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*       bug 401088 - [compiler][null] Wrong warning "Redundant null check" inside nested try statement
*       bug 401092 - [compiler][null] Wrong warning "Redundant null check" in outer catch of nested try
*       bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check
*       bug 384380 - False positive on a ?? Potential null pointer access ?? after a continue
*       Bug 415790 - [compiler][resource]Incorrect potential resource leak warning in for loop with close in try/catch
```

```
*       Bug 371614 - [compiler][resource] Wrong "resource leak" problem on return/throw inside while loop
*       Bug 444964 - [1.7+][resource] False resource leak warning (try-with-resources for ByteArrayOutputStream -
return inside for loop)
*     Jesper Steen Moller -
 Contributions for
*       bug 404146 - [1.7][compiler] nested try-catch-finally-blocks leads to unrunnable Java byte code
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                       Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*
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Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/TryStatement.java
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* Contributors:
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*     Stephan Herrmann - Contribution for
*       Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*******************************************************************************/
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Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/UnionTypeReference.java
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*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/CombinedBinaryExpression.java
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*     IBM Corporation - initial API and implementation
*     Nick Teryaev - fix for bug (https://bugs.eclipse.org/bugs/show_bug.cgi?id=40752)
*     Stephan Herrmann - Contributions for
*       bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*       bug
```

383368 - [compiler][null] syntactic null analysis for field references
*	bug 401017 - [compiler][null] casted reference to @Nullable field lacks a warning
*	bug 400761 - [compiler][null] null may be return as boolean without a diagnostic
*	Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*	Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking
*	Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*	Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*	Bug 427438 - [1.8][compiler] NPE at
org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
*	Bug 430150 - [1.8][null] stricter checking against type variables
*	Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style
null annotations
*	Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null
*	Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*	Bug 415541 - [1.8][compiler] Type annotations in the body of static initializer get dropped
**********/

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/CastExpression.java
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*	Stephan Herrmann - Contributions for
*	bug 186342 - [compiler][null] Using annotations for null checking
*	bug 367203 - [compiler][null] detect assigning null to nonnull argument
*	bug 365519 - editorial cleanup after bug 186342 and bug 365387
*	bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
*	bug 382353 - [1.8][compiler] Implementation property modifiers
should be accepted on default methods.
*	bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*	bug 388281 - [compiler][null] inheritance of null annotations as an option
*	bug 401030 - [1.8][null] Null analysis support for lambda methods.
*	Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*	Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*	Bug 403216 - [1.8][null] TypeReference#captureTypeAnnotations treats type annotations as type argument
annotations

```
*       Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*       Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
*       Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize
 declaration style null annotations
*       Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
*******************************************************************************/
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Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/AbstractMethodDeclaration.java
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*       Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*******************************************************************************/
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/JavadocImplicitTypeReference.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ElementValuePair.java
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*       bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*     Jesper Steen Moller - Contributions for
*       Bug 412150 [1.8] [compiler]
 Enable reflected parameter names during annotation processing
*******************************************************************************/

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/Binding.java
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*       bug 365519 - editorial cleanup after bug 186342 and bug 365387
*       bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*       bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*       bug 385626 - @NonNull fails across
 loop boundaries
*       bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*       bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*       Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*       Bug 455723 - Nonnull argument not correctly inferred in loop
*     Jesper S Moller - Contributions for
*       bug 404657 - [1.8][compiler] Analysis for effectively final variables fails to consider loops
*******************************************************************************/
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/flow/FinallyFlowContext.java
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*     Stephan Herrmann - Contribution for
*       Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                       Bug 409236 - [1.8][compiler] Type annotations on intersection cast types dropped by code
generator
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Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/IntersectionCastTypeReference.java
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*    IBM Corporation - fix for 342470
*    IBM Corporation - fix for 342598
*    IBM Corporation - Java 8 support
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/model/TypeParameterElementImpl.java
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*        bug 332637 - Dead Code detection removing code that isn't dead
*        bug 391517 - java.lang.VerifyError on code that runs correctly in Eclipse 3.7 and eclipse 3.6
*        bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
*******************************************************************************/
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*           bug 337868 - [compiler][model] incomplete support for package-info.java when using SearchableEnvironment
*        bug 186342 - [compiler][null] Using annotations for null checking
*        bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
*        bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*        bug
```

392862 - [1.8][compiler][null] Evaluate null annotations on array types
* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
* Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations
* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
* Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
* Bug 416183 - [1.8][compiler][null] Overload resolution fails with null annotations
* Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking
* Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
* Bug 416190 - [1.8][null]
detect incompatible overrides due to null type annotations
* Bug 424624 - [1.8][null] if a static-object with annotation @NonNull is used, a warning is shown
* Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
* Bug 439516 - [1.8][null] NonNullByDefault wrongly applied to implicit type bound of binary type
* Bug 434602 - Possible error with inferred null annotations leading to contradictory null annotations
* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
* Bug 453475 - [1.8][null] Contradictory null annotations (4.5 M3 edition)
* Bug 457079 - Regression: type inference
* Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
* Bug 455180 - IllegalStateException in AnnotatableTypeSystem.getRawType
* Bug 470467 - [null] Nullness of special Enum methods not detected from .class file
**********/

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/LookupEnvironment.java
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*       Bug 458396 - NPE in CodeStream.invoke()
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*     Stephan Herrmann - Contributions for
*       bug 292478 - Report potentially null across variable assignment
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*       bug 331649 - [compiler][null] consider null annotations for fields
*       bug 383368 - [compiler][null] syntactic null analysis for field
 references
*       bug 400761 - [compiler][null] null may be return as boolean without a diagnostic
*       bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check
*       bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
```

```
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 426792 - [1.8][inference][impl] generify new type inference engine
*       Bug 423505 - [1.8] Implement "18.5.4 More Specific Method Inference"
*       Bug 427438 - [1.8][compiler] NPE at
org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
*       Bug 426996 - [1.8][inference]
 try to avoid method Expression.unresolve()?
*       Bug 428274 - [1.8] [compiler] Cannot cast from Number to double
*       Bug 428352 - [1.8][compiler] Resolution errors don't always surface
*       Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
*     Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*         Bug 473178
*******************************************************************************/
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/Expression.java
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* IBM Corporation - fix for 342598
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*    wharley@bea.com - initial API and implementation
*                    (originally in org.eclipse.jdt.apt.core)
*    IBM Corporation - Bug 513790
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*     Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*           bug 185682 - Increment/decrement operators mark local variables as read
*           bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 186342 - [compiler][null] Using annotations for null checking
*       bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*       bug 331649 - [compiler][null] consider
 null annotations for fields
*       Bug 466308 - [hovering] Javadoc header for parameter is wrong with annotation-based null analysis
*     Jesper S Møller <jesper@selskabet.org> -  Contributions for
*       Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
```

*
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*   bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*   bug 349326 - [1.7] new warning for missing try-with-resources
*   bug 186342 - [compiler][null] Using annotations for null checking
*   bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*   bug 370639 - [compiler][resource] restore the
 default for resource leak warnings
*   bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*   bug 388996 - [compiler][resource] Incorrect 'potential resource leak'

```
*       bug 395977 - [compiler][resource] Resource leak warning behavior possibly incorrect for anonymous inner class
*       bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*       Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
*       Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*       Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 416267 - NPE in QualifiedAllocationExpression.resolveType
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 424415 - [1.8][compiler] Eventual
 resolution of ReferenceExpression is not seen to be happening.
*       Bug 427438 - [1.8][compiler] NPE at
org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
*     Jesper S Moller <jesper@selskabet.org> - Contributions for
*       bug 378674 - "The method can be declared as static" is wrong
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                     Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*                     Bug 409245 - [1.8][compiler] Type annotations dropped when call is routed through a synthetic
bridge method
*     Till Brychcy - Contributions for
*           bug 413460 - NonNullByDefault is not inherited to Constructors when accessed via Class File
*******************************************************************************/

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/QualifiedAllocationExpression.java
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* Contributors:
*     IBM Corporation - initial API and implementation
*     Benjamin Muskalla - Contribution for bug 239066
*     Stephan Herrmann  - Contributions for
*           bug 236385 - [compiler] Warn for potential programming problem if an object is created but not used
*           bug 295551 - Add option to automatically promote all warnings to errors
*           bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 186342 - [compiler][null] Using annotations for null checking
*       bug
```

370639 - [compiler][resource] restore the default for resource leak warnings
* bug 366063 - Compiler should not add synthetic @NonNull annotations
* bug 374605 - Unreasonable warning for enum-based switch statements
* bug 388281 - [compiler][null] inheritance of null annotations as an option
* bug 381443 - [compiler][null] Allow parameter widening from @NonNull to unannotated
* bug 383368 - [compiler][null] syntactic null analysis for field references
* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
* Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object), Collection#remove(Object) et al.
* Jesper Steen Moller - Contributions for
* bug 404146 - [1.7][compiler] nested try-catch-finally-blocks leads to unrunnable Java byte code
* bug 407297 - [1.8][compiler] Control generation of parameter names by option
**********/

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in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/impl/CompilerOptions.java
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* Contributors:
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* Stephan Herrmann - Contributions for
* bug 349326 - [1.7] new warning for missing try-with-resources
* bug 186342 - [compiler][null] Using annotations for null checking
* bug 364890 - BinaryTypeBinding should use char constants from Util
* bug 365387 - [compiler][null] bug 186342: Issues to follow up post review and verification.
* bug 358903 - Filter practically unimportant resource leak warnings
* bug
365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
* bug 388800 - [1.8][compiler] detect default methods in class files
* bug 388281 - [compiler][null] inheritance of null annotations as an option
* bug 331649 - [compiler][null] consider null annotations for fields
* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
* Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
* Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.

```
*       Bug 427199 - [1.8][resource] avoid resource leak warnings on Streams that have no resource
*       Bug 392245 - [1.8][compiler][null] Define whether
 / how @NonNullByDefault applies to TYPE_USE locations
*       Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*       Bug 390889 - [1.8][compiler] Evaluate options to support 1.7- projects against 1.8 JRE.
*       Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*       Bug 439516 - [1.8][null] NonNullByDefault wrongly applied to implicit type bound of binary type
*       Bug 434602 - Possible error with inferred null annotations leading to contradictory null annotations
*       Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
*       Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
*       Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*       Bug 453475 - [1.8][null] Contradictory null annotations (4.5 M3 edition)
*       Bug 454182 - Internal compiler error when using
 1.8 compliance for simple project
*       Bug 470467 - [null] Nullness of special Enum methods not detected from .class file
*       Bug 447661 - [1.8][null] Incorrect 'expression needs unchecked conversion' warning
*    Jesper Steen Moller - Contributions for
*       Bug 412150 [1.8] [compiler] Enable reflected parameter names during annotation processing
*       Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
*    Sebastian Zarnekow - Contributions for
*       bug 544921 - [performance] Poor performance with large source files
*    Alexander Lehmann - Contributions for
*       bug 566258 - Intermittent NPE in APT RoundDispatcher
*******************************************************************************/
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Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/BinaryTypeBinding.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/InferenceVariable.java

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* Contributors:
* IBM Corporation - initial API and implementation
* Luiz-Otavio Zorzella <zorzella at gmail dot com> - Improve CamelCase algorithm
* Gábor Kövesdán - Contribution for Bug 350000 - [content assist] Include non-prefix matches in auto-complete suggestions
* Stefan Xenos <sxenos@gmail.com> (Google) - Bug 501283 - Lots of hash collisions during indexing
***/

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* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
***/

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/codegen/ExceptionLabel.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/PolyParameterizedGenericMethodBinding.java
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* Contributors:
* Stephan Herrmann - initial API and implementation
* Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
* Bug 473178
**********/

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ConstraintTypeFormula.java
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*
* Contributors:
* wharley@bea.com - initial API and implementation
* IBM Corporation - fix for 342598
* IBM Corporation - Java 8 support
* het@google.com - Bug 427943 - The method org.eclipse.jdt.internal.compiler.apt.model.Factory.getPrimitiveType does not throw IllegalArgumentException
**********/

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/model/Factory.java
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*     Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*          bug 292478 - Report potentially null across variable assignment
*          bug 332637 - Dead Code detection removing code that isn't dead
*       bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
*       Bug 411964 - [1.8][null] leverage null type annotation in foreach statement
*       Bug 421035 - [resource]
 False alarm of resource leak warning when casting a closeable in its assignment
*******************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/flow/FlowInfo.java
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*    Igor Fedorenko - extracted from ElementsImpl
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*     Stephan Herrmann - Contributions for
*       bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*       bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields
*       bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*       Bug 422796 - [compiler][null] boxed boolean reported as potentially null after
 null test in lazy disjunction
*******************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
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*     Stephen Herrmann <stephan@cs.tu-berlin.de> -  Contributions for
*          bug 133125 - [compiler][null] need to report the null status of expressions and analyze them simultaneously
*          bug 292478 - Report potentially null across variable assignment
*       bug 324178 - [null] ConditionalExpression.nullStatus(..) doesn't take into account the analysis of condition itself
*       bug 354554 - [null] conditional with redundant condition
 yields weak error message
*          bug 349326 - [1.7] new warning for missing try-with-resources
*      bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
```

```
*       bug 383368 - [compiler][null] syntactic null analysis for field references
*       bug 400761 - [compiler][null] null may be return as boolean without a diagnostic
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*       Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 426078 - [1.8] VerifyError when conditional expression passed as an argument
*       Bug 427438 - [1.8][compiler] NPE at
org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
 *       Bug 418537 - [1.8][null] Fix null type annotation analysis for poly conditional expressions
*       Bug 428352 - [1.8][compiler] Resolution errors don't always surface
*       Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null
*******************************************************************************/
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Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ConditionalExpression.java
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*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 383368 - [compiler][null] syntactic null analysis for field references
*       bug 402993 - [null] Follow up of bug 401088: Missing warning about redundant null check
*     Jesper S Moller - Contributions for
*       bug 382721 - [1.8][compiler] Effectively final variables needs special treatment
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/CompoundAssignment.java
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* bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
* Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
* Stephan Herrmann - Contribution for
* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
* Bug 423504 - [1.8] Implement "18.5.3
Functional Interface Parameterization Inference"
* Bug 425142 - [1.8][compiler] NPE in ConstraintTypeFormula.reduceSubType
* Bug 425153 - [1.8] Having wildcard allows incompatible types in a lambda expression
* Bug 425156 - [1.8] Lambda as an argument is flagged with incompatible error
* Bug 424403 - [1.8][compiler] Generic method call with method reference argument fails to resolve properly.
* Bug 427438 - [1.8][compiler] NPE at
org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
* Bug 428352 - [1.8][compiler] Resolution errors don't always surface
* Bug 446442 - [1.8] merge null annotations from super methods
* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
* Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
**********/

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* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)

```
*                    Bug 409246 - [1.8][compiler] Type annotations on catch parameters not handled properly
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/codegen/MultiCatchExceptionLabel.java
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*     Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*       bug 328281 - visibility leaks not detected when analyzing unused field in private class
*       bug 382353 - [1.8][compiler] Implementation property modifiers should be accepted on default methods.
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ExtraCompilerModifiers.java
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*                    Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
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*     Till Brychcy - Contributions for
*                         Bug 467482 - TYPE_USE null annotations: Incorrect "Redundant null check"-warning
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/NullAnnotationMatching.java
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* Contributors:
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* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
* Bug 407191 - [1.8] Binary access support for type annotations
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* Stephan Herrmann - Contribution for
* bug 331649 - [compiler][null] consider null annotations for fields
* bug 383368 - [compiler][null] syntactic null analysis for field references
* Jesper S Moller - Contributions for
* Bug 378674 - "The method can be declared as static" is wrong
**********/

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ThisReference.java
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* Contributors:
* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
* Bug 407191 - [1.8] Binary access support for type annotations
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Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/IBinaryTypeAnnotation.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/classfmt/FieldInfoWithTypeAnnotation.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/UsesStatement.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/OpensStatement.java
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* Contributors:
* wharley@bea.com - initial API and implementation
* IBM Corporation - Java 8 support
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredElement.java

* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredUnit.java
*
 /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredField.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/AnnotationMethodDeclaration.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/batch/ClasspathLocation.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/ICompilationUnit.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/NameEnvironmentAnswer.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ClassLiteralAccess.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/INameEnvironment.java
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*   bug 382350 - [1.8][compiler] Unable to invoke inherited default method via I.super.m() syntax
*   bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super
*   Jesper S Moller <jesper@selskabet.org> - Contributions for
*   bug 378674 - "The method can be declared as static" is wrong
***/

Found
 in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/QualifiedThisReference.java
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* bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
* Stephan Herrmann - Contribution for
* bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super
* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
* Bug 416182 - [1.8][compiler][null]
 Contradictory null annotations not rejected
**********/

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ProblemReasons.java
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*        bug 186342 - [compiler][null] Using annotations for null checking
*        bug 365662 - [compiler][null] warn on contradictory and redundant null annotations
*        bug 331649 - [compiler][null] consider null annotations for fields
*        Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*        Bug 415043 - [1.8][null] Follow-up re null type annotations
 after bug 392099
*        Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*        Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
*        Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*        Bug 424728 - [1.8][null] Unexpected error: The nullness annotation 'XXXX' is not applicable at this location
*        Bug 392245 - [1.8][compiler][null] Define whether / how @NonNullByDefault applies to TYPE_USE locations
*        Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*        Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*        Bug 457210 - [1.8][compiler][null] Wrong Nullness errors given on full build build but not on incremental build?
*        Bug 469584 - ClassCastException in Annotation.detectStandardAnnotation (320)
*        Andy Clement (GoPivotal,
 Inc) aclement@gopivotal.com - Contributions for
*                    Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*                    Bug 409517 - [1.8][compiler] Type annotation problems on more elaborate array references
*                    Bug 415397 - [1.8][compiler] Type Annotations on wildcard type argument dropped
*                    Bug 414384 - [1.8] type annotation on abbreviated inner class is not marked as inner type
*      Jesper S Moller <jesper@selskabet.org> -  Contributions for
*                    Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
*                    Bug 412151 - [1.8][compiler] Check repeating annotation's collection type
*                    Bug 412149 - [1.8][compiler] Emit repeated annotations into the designated container
*                    Bug 419209 - [1.8] Repeating container annotations
 should be rejected in the presence of annotation it contains
*******************************************************************************/
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Found in path(s):
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*     Carmi Grushko - Bug 465048 - Binding is null for class literals in synchronized blocks
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*     Matt McCutchen - partial fix for https://bugs.eclipse.org/bugs/show_bug.cgi?id=122995
*     Karen Moore - fix for https://bugs.eclipse.org/bugs/show_bug.cgi?id=207411
*     Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*          bug 185682 - Increment/decrement operators mark local variables as read
*          bug 186342 - [compiler][null] Using annotations for null checking
*       bug 365519 - editorial cleanup after
 bug 186342 and bug 365387
*       bug 374605 - Unreasonable warning for enum-based switch statements
*       bug 384870 - [compiler] @Deprecated annotation not detected if preceded by other annotation
*       bug 393719 - [compiler] inconsistent warnings on iteration variables
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 424742 - [1.8] NPE in LambdaExpression.isCompatibleWith
*       Bug 424710 - [1.8][compiler] CCE in SingleNameReference.localVariableBinding
*       Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation
*       Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
*       Bug 426366
 - [1.8][compiler] Type inference doesn't handle multiple candidate target types in outer overload context
*       Bug 427282 - [1.8][compiler] AIOOB (-1) at
org.eclipse.jdt.internal.compiler.ClassFile.traverse(ClassFile.java:6209)
*       Bug 427483 - [Java 8] Variables in lambdas sometimes can't be resolved
*       Bug 428352 - [1.8][compiler] Resolution errors don't always surface
```

```
*       Bug 427163 - [1.8][null] bogus error "Contradictory null specification" on varags
*       Bug 432348 - [1.8] Internal compiler error (NPE) after upgrade to 1.8
*       Bug 440143 - [1.8][null] one more case of contradictory null annotations regarding type variables
*       Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
*       Bug 434483 - [1.8][compiler][inference] Type inference not picked up with method reference
*       Bug 446442 - [1.8] merge null annotations from super methods
*       Bug 437072 - [compiler][null] Null analysis emits
 possibly incorrect warning for new int[][] despite @NonNullByDefault
*     Jesper S Moller - Contributions for
*       bug 382721 - [1.8][compiler] Effectively final variables needs special treatment
*       bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
*       bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
*       bug 412149 - [1.8][compiler] Emit repeated annotations into the designated container
*       bug 419209 - [1.8] Repeating container annotations should be rejected in the presence of annotation it contains
*     Till Brychcy - Contributions for
*             bug 467094 - [1.8][null] TYPE_USE NullAnnotations of array contents are applied to field.
*******************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ASTNode.java
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*           bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*           bug 349326 - [1.7] new warning for missing try-with-resources
*           bug 360328 - [compiler][null] detect null problems in nested code (local class inside a loop)
*       bug 186342 - [compiler][null] Using annotations for null checking
*       bug 365835 - [compiler][null] inconsistent error reporting.
 *       bug 365519 - editorial cleanup after bug 186342 and bug 365387
*       bug 358903 - Filter practically unimportant resource leak warnings
*       bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*       bug 370639 - [compiler][resource] restore the default for resource leak warnings
*       bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
```

```
*       bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
*       bug 383368 - [compiler][null] syntactic null analysis for field references
*       bug 400761 - [compiler][null] null may be return as boolean without a diagnostic
*       bug 401030 - [1.8][null] Null analysis support for lambda
 methods.
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*       Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking
*       Bug 417758 - [1.8][null] Null safety compromise during array creation.
*       Bug 427438 - [1.8][compiler] NPE at
org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
*       Bug 430150 - [1.8][null] stricter checking against type variables
*       Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*       Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
*       Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*       Bug 455723 - Nonnull argument not correctly inferred in loop
*     Jesper S Moller - Contributions
 for
*       bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/tool/EclipseCompilerRequestor.java
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* Stephan Herrmann - Contributions for
* bug 186342 - [compiler][null] Using annotations for null checking
* bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
* Bug 417295 - [1.8[[null] Massage type annotated
 null analysis to gel well with deep encoded type bindings.
* Bug 425152 - [1.8] [compiler] Lambda Expression not resolved but flow analyzed leading to NPE.
* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
**********/

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ParameterizedMethodBinding.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/dispatch/RoundDispatcher.java
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*   bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*   bug 383368 - [compiler][null] syntactic null analysis for field references
*   bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields
*   bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking
*   Bug
 422796 - [compiler][null] boxed boolean reported as potentially null after null test in lazy disjunction
**********/

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/OR_OR_Expression.java
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*         bug 335093 - [compiler][null] minimal hook for future null annotation support
*         bug 349326 - [1.7] new warning for missing try-with-resources
*         bug 186342 - [compiler][null] Using annotations for null checking
*         bug 365983 - [compiler][null] AIOOB with null annotation analysis and varargs
*         bug 368546 - [compiler][resource] Avoid remaining false positives found when
 compiling the Eclipse SDK
*         bug 370930 - NonNull annotation not considered for enhanced for loops
*         bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*         bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*         bug 331649 - [compiler][null] consider null annotations for fields
*         bug 383368 - [compiler][null] syntactic null analysis for field references
*         Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*         Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*         Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations
*         Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*         Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking
*         Bug 417758 - [1.8][null] Null safety compromise
 during array creation.
*         Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*         Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
*         Bug 418537 - [1.8][null] Fix null type annotation analysis for poly conditional expressions
*         Bug 428352 - [1.8][compiler] Resolution errors don't always surface
*         Bug 429430 - [1.8] Lambdas and method reference infer wrong exception type with generics (RuntimeException
instead of IOException)
*         Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*         Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*         Bug 455723 - Nonnull argument not correctly inferred in loop
*         Andy Clement - Contributions for
*                         Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
 work)
*                         Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation
*******************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/Statement.java

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* Contributors:
*    tyeung@bea.com - initial API and implementation
*    olivier_thomann@ca.ibm.com - add hashCode() and equals(..) methods
*******************************************************************************/
```

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/classfmt/AnnotationInfo.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/classfmt/ElementValuePairInfo.java
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* Stephan Herrmann - Contributions for
* bug 349326 - [1.7] new warning for missing try-with-resources
* bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
* bug 383368 - [compiler][null] syntactic null analysis for field references
* bug 402993 - [null] Follow up
 of bug 401088: Missing warning about redundant null check
* Bug 440282 - [resource] Resource leak detection false negative with empty finally block
**********/

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/Block.java
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* Contributors:
* wharley@bea.com - initial API and implementation
*
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/dispatch/IProcessorProvider.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/model/NameImpl.java
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* Contributors:
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* Stephan Herrmann - Contributions for
* bug 349326 - [1.7] new warning for missing try-with-resources
* bug 358903 - Filter practically unimportant resource leak warnings
* bug 381445 - [compiler][resource] Can the resource leak check be made aware of Closeables.closeQuietly?
* bug 400421 - [compiler] Null analysis for fields does not take @com.google.inject.Inject into account
* bug 382069 - [null] Make
 the null analysis consider JUnit's assertNotNull similarly to assertions
* Bug 405569 - Resource leak check false positive when using DbUtils.closeQuietly
* Bug 427199 - [1.8][resource] avoid resource leak warnings on Streams that have no resource
* Bug 425183 - [1.8][inference] make CaptureBinding18 safe
* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
* Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object), Collection#remove(Object) et al.
* Jesper S Moller - Contributions for
* Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
* Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
* bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
* Bug 405104 - [1.8][compiler][codegen]
 Implement support for serializeable lambdas
* Ulrich Grave <ulrich.grave@gmx.de> - Contributions for
* bug 386692 - Missing "unused" warning on "autowired" fields
* Pierre-Yves B. <pyvesdev@gmail.com> - Contribution for
* bug 542520 - [JUnit 5] Warning The method xxx from the type X is never used locally is shown

when using MethodSource
**********/

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/TypeConstants.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/util/EclipseFileManager.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/tool/EclipseFileManager.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/codegen/StackMapFrameCodeStream.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/apt/model/PackageElementImpl.java
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*     Jesper S Moller - Contributions for
*       Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
*       Bug 406973 - [compiler] Parse MethodParameters attribute
*       Andy Clement - Contributions for
*                       Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*******************************************************************************/
```

Found
in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/codegen/AttributeNamesConstants.java
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*       bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*       bug 331649 - [compiler][null] consider null annotations for fields
*       bug 400761 - [compiler][null] null may be return as boolean without a diagnostic
*       Bug 427438 - [1.8][compiler] NPE at
org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
```

```
 *       Bug 429403 - [1.8][null] null mismatch from type arguments is not reported at field initializer
*       Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*       Bug 458396 - NPE in CodeStream.invoke()
*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*       Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation
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Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/FieldDeclaration.java
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*           bug 336428 - [compiler][null] bogus warning "redundant null check" in condition of do {} while() loop
*       bug 186342 - [compiler][null] Using annotations for null checking
*       bug 365519 - editorial cleanup after bug 186342 and bug 365387
*       bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
*       bug 365859 - [compiler][null]
 distinguish warnings based on flow analysis vs. null annotations
*       bug 385626 - @NonNull fails across loop boundaries
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 376263 - Bogus "Potential null pointer access" warning
*       bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*       bug 406384 - Internal error with I20130413
*       Bug 415413 - [compiler][null] NullpointerException in Null Analysis caused by interaction of
LoopingFlowContext and FinallyFlowContext
*       Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*       Bug 455557 - [jdt] NPE LoopingFlowContext.recordNullReference
*       Bug 455723 - Nonnull argument not correctly inferred in loop
*       Bug 415790 - [compiler][resource]Incorrect potential resource leak warning in for loop with close in try/catch
*       Bug 421035 - [resource]
 False alarm of resource leak warning when casting a closeable in its assignment
*     Jesper S Moller - contributions for
*       bug 404657 - [1.8][compiler] Analysis for effectively final variables fails to consider loops
*******************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/flow/LoopingFlowContext.java
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*     Stephan Herrmann - Contribution for
*       Bug 434602 - Possible error with inferred null annotations leading to contradictory null annotations
*       Bug 456497 - [1.8][null] during inference nullness from target type is lost against weaker hint from applicability analysis
*       Bug 456487 - [1.8][null] @Nullable type variant of @NonNull-constrained type parameter causes grief
*     Till Brychcy - Contribution for
*       Bug 473713
 - [1.8][null] Type mismatch: cannot convert from @NonNull A1 to @NonNull A1
*******************************************************************************/
/* Cache the derived type, tagging it as a derivative of both the key type and the naked type.
    E.g: int @NonNull [] would be tagged as a derived type of both int and int []. This is not
    needed for correctness, but for annotated object reuse. We provide two alternate ways to
    annotate a type:

    Taking parameterized types as an example, a call to getParamaterizedType can be made with annotations
    to create @NonNull List<@NonNull String> in one stroke. Or a parameterized type can be created first
    and then annotated via getAnnotatedType. In the former case, the tables get looked up with List as
    the key, in the latter with List<String> as the key.

    Binary vs source, substitutions, annotation re-attribution from SE7 locations etc trigger these
    alternate code paths. Unless care is exercised,
 we will end up with duplicate objects (that share
    the same TypeBinding.id => correctness is not an issue, but memory wastage is)
  */
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/TypeSystem.java
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*       bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*       bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*       Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*       Bug 415850 - [1.8] Ensure RunJDTCoreTests
 can cope with null annotations enabled
*       Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 427163 - [1.8][null] bogus error "Contradictory null specification" on varags
*       Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*       Bug 434570 - Generic type mismatch for parametrized class annotation attribute with inner class
*       Bug 434600 - Incorrect null analysis error reporting on type parameters
*       Bug 439516 - [1.8][null] NonNullByDefault wrongly applied to implicit type bound of binary type
*       Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*       Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
*       Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*       Bug 437072 - [compiler][null] Null analysis
 emits possibly incorrect warning for new int[][] despite @NonNullByDefault
*       Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                       Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*                       Bug 409236 - [1.8][compiler] Type annotations on intersection cast types dropped by code
generator
*                       Bug 415399 - [1.8][compiler] Type annotations on constructor results dropped by the code
generator
*      Jesper S Møller <jesper@selskabet.org> -  Contributions for
*                       bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*                       bug 529556 - [18.3] Add content assist support for 'var' as a type
*
*******************************************************************************/
```

Found
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/TypeReference.java

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* Contributors:
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* Jesper S Moller - Contributions for
* Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
* Bug 406982 - [1.8][compiler] Generation of MethodParameters Attribute in classfile
* Bug 416885 - [1.8][compiler]IncompatibleClassChange error (edit)
* Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com
 - Contributions for
* Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
* Bug 439889 - [1.8][compiler] [lambda] Deserializing lambda fails with IllegalArgumentException: "Invalid lambda deserialization"
**********/

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/codegen/ConstantPool.java
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* Stephan Herrmann - Contributions for
* bug 186342 - [compiler][null] Using annotations for null checking
* bug 387612 - Unreachable catch block...exception is never thrown from the try
* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
* bug 401456 - Code compiles from javac/intellij, but fails from eclipse
* bug 401271 - StackOverflowError
when searching for a methods references
* bug 405706 - Eclipse compiler fails to give compiler error when return type is a inferred generic
* Bug 408441 - Type mismatch using Arrays.asList with 3 or more implementations of an interface with the interface type as the last parameter
* Bug 413958 - Function override returning inherited Generic Type
* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
* Bug 416183 - [1.8][compiler][null] Overload resolution fails with null annotations
* Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
* Bug 424710 - [1.8][compiler] CCE in SingleNameReference.localVariableBinding
* Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation
* Bug 424415 - [1.8][compiler]
Eventual resolution of ReferenceExpression is not seen to be happening.
* Bug 426366 - [1.8][compiler] Type inference doesn't handle multiple candidate target types in outer overload context
* Bug 426290 - [1.8][compiler] Inference + overloading => wrong method resolution ?
* Bug 426589 - [1.8][compiler] Compiler error with generic method/constructor invocation as vargs argument
* Bug 426590 - [1.8][compiler] Compiler error with tenary operator
* Bug 426764 - [1.8] Presence of conditional expression as method argument confuses compiler
* Bug 426998 - [1.8][compiler] method(java.lang.Class, java.lang.String) not applicable for the arguments (java.lang.Class, java.lang.String)
* Bug 423505 - [1.8] Implement "18.5.4 More Specific Method Inference"
* Bug 427196 - [1.8][compiler] Compiler error for method reference to overloaded method
* Bug 427483 - [Java 8] Variables in lambdas sometimes can't be resolved
* Bug
427728 - [1.8] Type Inference rejects calls requiring boxing/unboxing
* Bug 427218 - [1.8][compiler] Verify error varargs + inference
* Bug 426836 - [1.8] special handling for return type in references to method getClass()?
* Bug 427628 - [1.8] regression : The method * is ambiguous for the type *
* Bug 428352 - [1.8][compiler] Resolution errors don't always surface
* Bug 428366 - [1.8] [compiler] The method valueAt(ObservableList<Object>, int) is ambiguous for the type Bindings
* Bug 424728 - [1.8][null] Unexpected error: The nullness annotation 'XXXX' is not applicable at this location
* Bug 428811 - [1.8][compiler] Type witness unnecessarily required
* Bug 429424 - [1.8][inference] Problem inferring type of method's parameter
* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
* Bug 434570 - Generic type mismatch for parametrized class annotation attribute with inner

class
*	Bug 434483 - [1.8][compiler][inference] Type inference not picked up with method reference
*	Bug 441734 - [1.8][inference] Generic method with nested parameterized type argument fails on method reference
*	Bug 452194 - Code no longer compiles in 4.4.1, but with confusing error
*	Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
*	Bug 456236 - [1.8][null] Cannot infer type when constructor argument is annotated with @Nullable
*	Bug 437072 - [compiler][null] Null analysis emits possibly incorrect warning for new int[][] despite @NonNullByDefault
*	Bug 462083 - [1.8][inference] Java 8 generic return type mismatch with interface involving type parameter.
*	Jesper S Moller - Contributions for
*	Bug 378674 - "The method can be declared as static" is wrong
*	Bug 405066 - [1.8][compiler][codegen] Implement code generation infrastructure for JSR335
*	Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*	Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
*	Pierre-Yves B. <pyvesdev@gmail.com> - Contributions for
*	Bug 559618 - No compiler warning for import from same package
*	Bug 560630 - No warning on unused import on class from same package
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/Scope.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredLocalVariable.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/util/GenericXMLWriter.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/util/ManifestAnalyzer.java
*
 /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/UnresolvedAnnotationBinding.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/impl/ReferenceContext.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/DefaultErrorHandlingPolicies.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/problem/DefaultProblemFactory.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/Receiver.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/flow/InsideSubRoutineFlowContext.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/core/JDTCompilerAdapter.java
*
 /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/impl/CompilerStats.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/IErrorHandlingPolicy.java
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```
*
* Contributors:
*     IBM Corporation - initial API and implementation
*     Stephan Herrmann - Contributions for
*          bug 325755 - [compiler] wrong initialization state after conditional expression
*          bug 320170 - [compiler] [null] Whitebox issues in null analysis
*          bug 292478 - Report potentially null across variable assignment
*          bug 332637 - Dead Code detection removing code that isn't dead
*          bug 341499 - [compiler][null] allocate extra bits in all methods of UnconditionalFlowInfo
 *          bug 349326 - [1.7] new warning for missing try-with-resources
*      bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*      bug 386181 - [compiler][null] wrong transition in UnconditionalFlowInfo.mergedWith()
*      bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
*      Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*      Bug 454031 - [compiler][null][loop] bug in null analysis; wrong "dead code" detection
*      Bug 421035 - [resource] False alarm of resource leak warning when casting a closeable in its assignment
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Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/flow/UnconditionalFlowInfo.java
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*     Stephan Herrmann - Contribution for
*       bug 383368 - [compiler][null] syntactic null analysis for field references
*       Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*       Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 417295 - [1.8[[null]
 Massage type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*       Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
*       Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
*       Andy Clement - Contributions for
*                       Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
```

**********/

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/InstanceOfExpression.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredBlock.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/IBinaryNestedType.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/IGenericType.java
*

/opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/ISourceField.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/IGenericField.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/ISourceMethod.java
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*       bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 374605 - Unreasonable warning for enum-based switch statements
*       bug 382353 - [1.8][compiler] Implementation property modifiers should be accepted on default methods.
*       bug 382354 - [1.8][compiler] Compiler silent on conflicting modifier
*       bug 401030 - [1.8][null] Null analysis support for lambda methods.
*       Bug
 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
*       Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*     Jesper S Moller - Contributions for
*      bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
*******************************************************************************/
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Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/MethodScope.java
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*       Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
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*     Stephan Herrmann - Contribution for
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*       bug 383368 - [compiler][null] syntactic null analysis for field references
*       bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*******************************************************************************/
```

Found
 in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ArrayReference.java
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```
*     Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*       bug 328281 - visibility leaks not detected when analyzing unused field in private class
*       bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 186342 - [compiler][null] Using annotations for null checking
*       bug 365836 - [compiler][null] Incomplete propagation of null defaults.
*       bug 365519 - editorial cleanup after bug 186342
 and bug 365387
*       bug 365662 - [compiler][null] warn on contradictory and redundant null annotations
*       bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
*       bug 366063 - Compiler should not add synthetic @NonNull annotations
*       bug 384663 - Package Based Annotation Compilation Error in JDT 3.8/4.2 (works in 3.7.2)
*       bug 386356 - Type mismatch error with annotations and generics
*       bug 388281 - [compiler][null] inheritance of null annotations as an option
*       bug 331649 - [compiler][null] consider null annotations for fields
*       bug 380896 - [compiler][null] Enum constants not recognised as being NonNull.
*       bug 391376 - [1.8] check interaction of default methods with bridge methods and generics
*       Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
 *       Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*       Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
*       Bug 416172 - [1.8][compiler][null] null type annotation not evaluated on method return type
*       Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 426048 - [1.8] NPE in TypeVariableBinding.internalBoundCheck when parentheses are not balanced
*       Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
*       Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*       Bug 432348 - [1.8] Internal compiler error (NPE) after upgrade to 1.8
*       Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*       Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
*       Bug 441693 - [1.8][null]
 Bogus warning for type argument annotated with @NonNull
*       Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*       Bug 457210 - [1.8][compiler][null] Wrong Nullness errors given on full build build but not on incremental build?
*       Bug 461250 - ArrayIndexOutOfBoundsException in SourceTypeBinding.fields
*       Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
*     Jesper S Moller <jesper@selskabet.org> -  Contributions for
*       Bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
*     Till Brychcy - Contributions for
*           bug 415269 - NonNullByDefault is not always inherited to nested classes
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                     Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
*     Sebastian Zarnekow - Contributions
 for
*       bug 544921 - [performance] Poor performance with large source files
*******************************************************************************/
```

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/SourceTypeBinding.java

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/util/Messages.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredInitializer.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/MemberTypeBinding.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/problem/ProblemSeverities.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/util/SuffixConstants.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/SourceTypeCollisionException.java
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* Bug 378674 - "The method can be declared as static" is wrong
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* Tom Tromey - patch for readTable(String) as described in http://bugs.eclipse.org/bugs/show_bug.cgi?id=32196
* Stephan Herrmann - Contributions for
* bug 366003 - CCE in ASTNode.resolveAnnotations(ASTNode.java:639)
* bug 374605 - Unreasonable warning for enum-based switch statements
* bug 393719 - [compiler] inconsistent warnings on iteration variables
* bug 382353 - [1.8][compiler] Implementation property modifiers
should be accepted on default methods.
* bug 383973 - [1.8][compiler] syntax recovery in the presence of default methods
* bug 401035 - [1.8] A few tests have started failing recently
* Jesper S Moller - Contributions for
* bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
* bug 399695 - [1.8][compiler] [1.8][compiler] migrate parser to other syntax for default methods
* bug 384567 - [1.5][compiler] Compiler accepts illegal modifiers on package declaration
* bug 393192 - Incomplete type hierarchy with > 10 annotations
* bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
* Andy Clement - Contributions for
* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
* Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation
*
Bug 415821 - [1.8][compiler] CLASS_EXTENDS target type annotation missing for anonymous classes
**********/

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*     Stephan Herrmann - initial API and implementation
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*     Stephan Herrmann - Contribution for
*       Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
*       Bug 440687 - [compiler][batch][null] improve command line option for external annotations
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/batch/ClasspathJar.java
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*     IBM Corporation - Contribution for bug 188796
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*        Bug 365662 - [compiler][null] warn on contradictory and redundant null annotations
*        Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*        Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
*     Keigo Imai - Contribution for  bug 388903 - Cannot extend inner class as an anonymous class when it
 extends the outer class
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/NestedTypeBinding.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/impl/Constant.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/impl/ByteConstant.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/env/AccessRuleSet.java
*
 /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/impl/DoubleConstant.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/impl/FloatConstant.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/impl/CharConstant.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/impl/StringConstant.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/impl/BooleanConstant.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/impl/LongConstant.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/util/HashtableOfObject.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/JavadocArgumentExpression.java
*
 /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/impl/ShortConstant.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
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* Frits Jalvingh - fix for bug 533830.
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* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
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* Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
* Bug 409247 - [1.8][compiler] Verify error with code allocating multidimensional array
* Bug 409517 - [1.8][compiler] Type annotation problems on more elaborate array references
*
Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation
**********/

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ProvidesStatement.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/INameEnvironmentExtension.java
*
 /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/IMultiModuleEntry.java
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* Jesper S Moller - Bug 392671
* NPE with a method with explicit this and a following incomplete parameter
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ImportBinding.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ASTVisitor.java
*
 /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/JavadocTagConstants.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/MissingTypeBinding.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/JavadocParser.java
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*       bug 383973 - [1.8][compiler] syntax recovery in the presence of default methods
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/classfmt/AnnotationMethodInfoWithAnnotations.java
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* Bug 186342 - [compiler][null] Using annotations for null checking
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*       bug 400710 - [1.8][compiler] synthetic access to default method generates wrong code
*       bug 391376 - [1.8] check interaction of default methods with bridge methods and generics
*       bug 421543 - [1.8][compiler] Compiler fails to recognize default method being turned into abstract by subtytpe
*     Jesper S Moller - Contributions for
*       Bug 405066 - [1.8][compiler][codegen] Implement
 code generation infrastructure for JSR335
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                   Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
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*                   Bug 409236 - [1.8][compiler] Type annotations on intersection cast types dropped by code
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*                   Bug 409250 - [1.8][compiler] Various loose ends in 308 code generation
*                   Bug 405104 - [1.8][compiler][codegen] Implement support for serializeable lambdas
*                   Bug 449467 - [1.8][compiler] Invalid lambda deserialization with anonymous class
*       Olivier Tardieu (tardieu@us.ibm.com) - Contributions for
*                   Bug 442418 - $deserializeLambda$ off-by-one error when deserializing the captured arguments
 of a lambda that also capture this
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* IBM Corporation - fix for 342936
* Kenneth Olson - Contribution for bug 188796 - [jsr199] Using JSR199 to extend ECJ
* Dennis Hendriks - Contribution for bug 188796 - [jsr199] Using JSR199 to extend ECJ
* Frits Jalvingh - fix for bug 533830.
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/batch/ClasspathJmod.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/util/HashtableOfInteger.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/tool/ArchiveFileObject.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/util/Util.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/tool/Util.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/util/ArchiveFileObject.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/tool/Archive.java
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* Contributors:
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* Stephan Herrmann - Contribution for
* bug 382350 - [1.8][compiler] Unable to invoke inherited default method via I.super.m() syntax
* bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super
* bug 404728 - [1.8]NPE on QualifiedSuperReference error
**********/

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/QualifiedSuperReference.java
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*     Stephan Herrmann - Contribution for bug 186342 - [compiler][null] Using annotations for null checking
*     Jesper S Moller  -. Contribution for bug 400830: [1.8][formatter] Code formatter for Java 8
*******************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/Scanner.java
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*     Stephan Herrmann - Contribution for bug 349326 - [1.7] new warning for missing try-with-resources
*******************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ProblemReferenceBinding.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ExternalAnnotationSuperimposer.java
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* Contributors:
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*     Patrick Wienands <pwienands@abit.de> - Contribution for bug 393749
*     Stephan Herrmann - Contribution for
*       bug 331649 - [compiler][null] consider null annotations for fields
*******************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/Clinit.java
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*     Benjamin Muskalla - Contribution for bug 239066
*     Stephan Herrmann - Contribution for
*           bug 382347 - [1.8][compiler] Compiler accepts incorrect default method inheritance
*       bug 388954 - [1.8][compiler] detect default methods in class files
*       bug 388281 - [compiler][null] inheritance of null annotations as an option
*       bug 388739 - [1.8][compiler] consider default methods when detecting whether a class needs
 to be declared abstract
*       bug 390883 - [1.8][compiler] Unable to override default method
*       bug 401796 - [1.8][compiler] don't treat default methods as overriding an independent inherited abstract method
```

```
*       bug 395681 - [compiler] Improve simulation of javac6 behavior from bug 317719 after fixing bug 388795
*       bug 406928 - computation of inherited methods seems damaged (affecting @Overrides)
*       bug 409473 - [compiler] JDT cannot compile against JRE 1.8
*       Bug 420080 - [1.8] Overridden Default method is reported as duplicated
*******************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/MethodVerifier.java
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*       bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields
*       bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
 checking
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/AssertStatement.java
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*       Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*       Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
*       Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
*******************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ArrayTypeReference.java
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*     Tom Tromey - Contribution for bug 159641
*     Benjamin Muskalla - Contribution for bug 239066
*     Stephan Herrmann  - Contributions for
*          bug 236385 - [compiler] Warn for potential programming problem if an object is created but not used
*          bug 295551 - Add option to automatically promote all warnings to errors
*          bug 359721 - [options] add command line option
 for new warning token "resource"
*       bug 365208 - [compiler][batch] command line options for annotation based null analysis
*       bug 374605 - Unreasonable warning for enum-based switch statements
*       bug 375366 - ECJ ignores unusedParameterIncludeDocCommentReference unless enableJavadoc option is set
*       bug 388281 - [compiler][null] inheritance of null annotations as an option
*       bug 381443 - [compiler][null] Allow parameter widening from @NonNull to unannotated
*       Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
*       Bug 440687 - [compiler][batch][null] improve command line option for external annotations
```

*	Bug 408815 - [batch][null] Add CLI option for
COMPILER_PB_SYNTACTIC_NULL_ANALYSIS_FOR_FIELDS
*	Jesper S Moller - Contributions for
*	bug 407297 - [1.8][compiler] Control generation of parameter names by option
*	Mat Booth - Contribution for bug 405176
*	Frits Jalvingh -
fix for bug 533830.
**********/

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
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*	bug 342671 - ClassCastException: org.eclipse.jdt.internal.compiler.lookup.SourceTypeBinding cannot be cast to
org.eclipse.jdt.internal.compiler.lookup.ArrayBinding
*	bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*	Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*	Bug 416181 - [1.8][compiler][null] Invalid assignment
is not rejected by the compiler
*	Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*	Bug 434600 - Incorrect null analysis error reporting on type parameters
*	Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
*	Bug 456508 - Unexpected RHS PolyTypeBinding for: <code-snippet>
*	Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
*	Andy Clement - Contributions for
*	Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
**********/

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/ast/ParameterizedQualifiedTypeReference.java
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* Bug 407191 - [1.8] Binary access support for type annotations
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* Jesper Steen Moeller - Contributions for:
* Bug 407297: [1.8][compiler] Control generation of parameter names by option
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* Bug 415397 - [1.8][compiler] Type Annotations on wildcard type argument dropped
* Stephan Herrmann - Contribution for
* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
* Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
* Bug 429958
 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
* Bug 440462 - [null][compiler]NPE in EJC for erroneous null annotations
* Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
**********/

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* Stephan Herrmann - Contributions for
* bug 359334 - Analysis for resource leak warnings does not consider exceptions as method exit points
* bug 368546 - [compiler][resource] Avoid remaining false positives found when compiling the Eclipse SDK
* bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
* Bug 429430 - [1.8] Lambdas and method reference infer wrong exception type with
 generics (RuntimeException instead of IOException)
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ThrowStatement.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/problem/DefaultProblem.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/LabeledStatement.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/batch/CompilationUnit.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/impl/ITypeRequestor.java
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*   bug 383368 - [compiler][null] syntactic null analysis for field references
*   bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields
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*     Nick Teryaev - fix for bug (https://bugs.eclipse.org/bugs/show_bug.cgi?id=40752)
*     Stephan Herrmann - Contributions for
*        bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*        bug 349326 - [1.7] new warning for missing try-with-resources
*        bug 186342 - [compiler][null] Using annotations for null checking
*        bug 358903 - Filter practically unimportant resource leak warnings
*        bug
 370639 - [compiler][resource] restore the default for resource leak warnings
*        bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*        bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*        bug 379784 - [compiler] "Method can be static" is not getting reported
*        bug 379834 - Wrong "method can be static" in presence of qualified super and different staticness of nested super
class.
*        bug 388281 - [compiler][null] inheritance of null annotations as an option
*        bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*        bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
*        bug 381445 - [compiler][resource] Can the resource leak check be made aware of Closeables.closeQuietly?
*        bug 331649 - [compiler][null] consider null annotations for fields
*        bug 383368 - [compiler][null] syntactic null
 analysis for field references
*        bug 382069 - [null] Make the null analysis consider JUnit's assertNotNull similarly to assertions
*        bug 382350 - [1.8][compiler] Unable to invoke inherited default method via I.super.m() syntax
*        bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super
*        bug 403086 - [compiler][null] include the effect of 'assert' in syntactic null analysis for fields
*        bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*        Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*        Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*        Bug 405569 - Resource leak check false positive when using DbUtils.closeQuietly
*        Bug 411964 - [1.8][null] leverage null type annotation in foreach statement
*        Bug 417295 - [1.8[[null] Massage type annotated null analysis
 to gel well with deep encoded type bindings.
*        Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*        Bug 423504 - [1.8] Implement "18.5.3 Functional Interface Parameterization Inference"
*        Bug 424710 - [1.8][compiler] CCE in SingleNameReference.localVariableBinding
*        Bug 425152 - [1.8] [compiler] Lambda Expression not resolved but flow analyzed leading to NPE.
```

```
*       Bug 424205 - [1.8] Cannot infer type for diamond type with lambda on method invocation
*       Bug 424415 - [1.8][compiler] Eventual resolution of ReferenceExpression is not seen to be happening.
*       Bug 426366 - [1.8][compiler] Type inference doesn't handle multiple candidate target types in outer overload
context
*       Bug 426290 - [1.8][compiler] Inference + overloading => wrong method resolution ?
*       Bug 427483 - [Java 8] Variables in lambdas sometimes can't be resolved
*       Bug 427438 - [1.8][compiler]
 NPE at org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
*       Bug 426996 - [1.8][inference] try to avoid method Expression.unresolve()?
*       Bug 428352 - [1.8][compiler] Resolution errors don't always surface
*       Bug 429430 - [1.8] Lambdas and method reference infer wrong exception type with generics (RuntimeException
instead of IOException)
*       Bug 441734 - [1.8][inference] Generic method with nested parameterized type argument fails on method reference
*       Bug 452788 - [1.8][compiler] Type not correctly inferred in lambda expression
*       Bug 456487 - [1.8][null] @Nullable type variant of @NonNull-constrained type parameter causes grief
*       Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null
*       Bug 472618 - [compiler][null] assertNotNull vs. Assert.assertNotNull
*       Bug 470958 - [1.8] Unable to convert lambda
*       Bug 410218 - Optional warning
 for arguments of "unexpected" types to Map#get(Object), Collection#remove(Object) et al.
*     Jesper S Moller - Contributions for
*       Bug 378674 - "The method can be declared as static" is wrong
*       Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                       Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*                       Bug 409245 - [1.8][compiler] Type annotations dropped when call is routed through a synthetic
bridge method
*******************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/MessageSend.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/core/compiler/CompilationProgress.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredAnnotation.java
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* Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for

```
*       bug 292478 - Report potentially null across variable assignment,
*       bug 185682 - Increment/decrement operators mark local variables as read
*       bug 331649 - [compiler][null] consider null annotations for fields
*       bug 383368 - [compiler][null] syntactic null analysis for field references
*       Bug 412203 - [compiler] Internal compiler error: java.lang.IllegalArgumentException:
 info cannot be null
*       Bug 458396 - NPE in CodeStream.invoke()
*       Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null
*     Jesper S Moller - <jesper@selskabet.org>   - Contributions for
*           bug 382721 - [1.8][compiler] Effectively final variables needs special treatment
*       bug 378674 - "The method can be declared as static" is wrong
*       bug 404657 - [1.8][compiler] Analysis for effectively final variables fails to consider loops
*       bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*******************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/SingleNameReference.java
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*     Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*           bug 282152 - [1.5][compiler] Generics code rejected by Eclipse but accepted by javac
*           bug 349326 - [1.7] new warning for missing try-with-resources
*           bug 359362 - FUP of bug 349326: Resource leak on non-Closeable resource
*       bug 358903 - Filter practically unimportant resource leak warnings
*       bug 395002 - Self bound generic class
 doesn't resolve bounds properly for wildcards for certain parametrisation.
*       bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*       Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*       Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 426792 - [1.8][inference][impl] generify new type inference engine
*       Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
*       Bug 429384 - [1.8][null] implement conformance rules for null-annotated lower / upper type bounds
*       Bug 431269 - [1.8][compiler][null] StackOverflow in nullAnnotatedReadableName
*       Bug 431408 - Java 8 (1.8) generics bug
```

*	Bug 435962 - [RC2] StackOverFlowError when building
*	Bug
438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*	Bug 438250 - [1.8][null] NPE trying to report bogus null annotation conflict
*	Bug 438179 - [1.8][null] 'Contradictory null annotations' error on type variable with explicit null-annotation.
*	Bug 440143 - [1.8][null] one more case of contradictory null annotations regarding type variables
*	Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable
*	Bug 441693 - [1.8][null] Bogus warning for type argument annotated with @NonNull
*	Bug 456497 - [1.8][null] during inference nullness from target type is lost against weaker hint from applicability analysis
*	Bug 456459 - Discrepancy between Eclipse compiler and javac - Enums, interfaces, and generics
*	Bug 456487 - [1.8][null] @Nullable type variant of @NonNull-constrained type parameter causes grief
*	Bug 462790 - [null] NPE in Expression.computeConversion()
*	Bug 456532 - [1.8][null] ReferenceBinding.appendNullAnnotation() includes phantom annotations in error messages
*	Jesper S Møller <jesper@selskabet.org> - Contributions for bug 381345 : [1.8] Take care of the Java 8 major version
*	Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
**********/

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/TypeVariableBinding.java
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* bug 349326 - [1.7] new warning for missing try-with-resources
* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
* Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
* Bug 467032 - TYPE_USE Null Annotations: IllegalStateException with annotated arrays of Enum when accessed via BinaryTypeBinding
**********/

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 in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/UnresolvedReferenceBinding.java
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* Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's work)
* Stephan Herrmann - Contribution for
* Bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
**********/

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path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/codegen/AnnotationTargetTypeConstants.java
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* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
* Bug 433478 - [compiler][null] NPE in ReferenceBinding.isCompatibleWith
**********/

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ProblemMethodBinding.java
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*     Stephan Herrmann  - Contributions for
*          bug 236385 - [compiler] Warn for potential programming problem if an object is created but not used
*          bug 338303 - Warning about Redundant assignment conflicts with definite assignment
*       bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 186342 - [compiler][null] Using annotations for null checking
 *       bug 365519 - editorial cleanup after bug 186342 and bug 365387
*       bug 365662 - [compiler][null] warn on contradictory and redundant null annotations
*       bug 365531 - [compiler][null] investigate alternative strategy for internally encoding nullness defaults
*       bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*       bug 374605 - Unreasonable warning for enum-based switch statements
*       bug 382353 - [1.8][compiler] Implementation property modifiers should be accepted on default methods.
*       bug 382347 - [1.8][compiler] Compiler accepts incorrect default method inheritance
*       bug 388281 - [compiler][null] inheritance of null annotations as an option
*       bug 376053 - [compiler][resource] Strange potential resource leak problems
*       bug 381443 - [compiler][null] Allow parameter widening from @NonNull to unannotated
*       bug 393719 - [compiler] inconsistent warnings on iteration
 variables
*       bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*       bug 388739 - [1.8][compiler] consider default methods when detecting whether a class needs to be declared
abstract
*       bug 331649 - [compiler][null] consider null annotations for fields
*       bug 382789 - [compiler][null] warn when syntactically-nonnull expression is compared against null
*       bug 376590 - Private fields with @Inject are ignored by unused field validation
```

* bug 400761 - [compiler][null] null may be return as boolean without a diagnostic
* bug 402028 - [1.8][compiler] null analysis for reference expressions
* bug 401796 - [1.8][compiler] don't treat default methods as overriding an independent inherited abstract method
* bug 404649 - [1.8][compiler] detect illegal reference to indirect or redundant super
* bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
* Bug
392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
* Bug 415291 - [1.8][null] differentiate type incompatibilities due to null annotations
* Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
* Bug 414380 - [compiler][internal] QualifiedNameReference#indexOfFirstFieldBinding does not point to the first field
* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
* Bug 416307 - [1.8][compiler][null] subclass with type parameter substitution confuses null checking
* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
* Bug 424637 - [1.8][compiler][null] AIOOB in ReferenceExpression.resolveType with a method reference to Files::walk
* Bug 428294 - [1.8][compiler] Type mismatch: cannot convert
from List<Object> to Collection<Object[]>
* Bug 428366 - [1.8] [compiler] The method valueAt(ObservableList<Object>, int) is ambiguous for the type Bindings
* Bug 416190 - [1.8][null] detect incompatible overrides due to null type annotations
* Bug 392245 - [1.8][compiler][null] Define whether / how @NonNullByDefault applies to TYPE_USE locations
* Bug 390889 - [1.8][compiler] Evaluate options to support 1.7- projects against 1.8 JRE.
* Bug 430150 - [1.8][null] stricter checking against type variables
* Bug 434600 - Incorrect null analysis error reporting on type parameters
* Bug 439516 - [1.8][null] NonNullByDefault wrongly applied to implicit type bound of binary type
* Bug 438467 - [compiler][null] Better error position for "The method _ cannot implement the corresponding method _ due to incompatible nullness constraints"
* Bug 439298 - [null] "Missing code implementation in the compiler" when using @NonNullByDefault
in package-info.java
* Bug 435805 - [1.8][compiler][null] Java 8 compiler does not recognize declaration style null annotations
* Bug 446442 - [1.8] merge null annotations from super methods
* Bug 455723 - Nonnull argument not correctly inferred in loop
* Bug 458361 - [1.8][null] reconciler throws NPE in ProblemReporter.illegalReturnRedefinition()
* Bug 459967 - [null] compiler should know about nullness of special methods like MyEnum.valueOf()
* Bug 461878 - [1.7][1.8][compiler][null] ECJ compiler does not allow to use null annotations on annotations
* Bug 410218 - Optional warning for arguments of "unexpected" types to Map#get(Object), Collection#remove(Object) et al.
* Jesper S Moller <jesper@selskabet.org> - Contributions for
* bug 382701 - [1.8][compiler] Implement semantic analysis of Lambda expressions & Reference expression
* bug 382721 - [1.8][compiler] Effectively final variables needs
special treatment
* bug 384567 - [1.5][compiler] Compiler accepts illegal modifiers on package declaration
* bug 412153 - [1.8][compiler] Check validity of annotations which may be repeatable
* bug 412151 - [1.8][compiler] Check repeating annotation's collection type
* bug 419209 - [1.8] Repeating container annotations should be rejected in the presence of annotation it contains
* Bug 429384 - [1.8][null] implement conformance rules for null-annotated lower / upper type bounds

```
*       Bug 416182 - [1.8][compiler][null] Contradictory null annotations not rejected
*       bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*     Ulrich Grave <ulrich.grave@gmx.de> - Contributions for
*                         bug 386692 - Missing "unused" warning on "autowired" fields
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/problem/ProblemReporter.java
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*       bug 384380 - False positive on a "Potential null pointer access" after a continue
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/InvocationSite.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/BinaryModuleBinding.java
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*     Stephan Herrmann - Contributions for
*       bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred
checking
*       Bug 415790 - [compiler][resource]Incorrect potential resource leak warning in for loop
 with close in try/catch
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*        bug 186342 - [compiler][null] Using annotations for null checking
*        bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*        bug 388281 - [compiler][null] inheritance of null annotations as an option
*        Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
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*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*        Bug 407191 - [1.8] Binary access support for type annotations
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```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/env/IBinaryMethod.java

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*
* Contributors:
*     IBM Corporation - initial API and implementation
*     IBM Corporation - added the following constants
*         NonStaticAccessToStaticField
*         NonStaticAccessToStaticMethod
*         Task
*         ExpressionShouldBeAVariable
*         AssignmentHasNoEffect
*     IBM Corporation - added the following constants
*         TooManySyntheticArgumentSlots
*         TooManyArrayDimensions
*         TooManyBytesForStringConstant
*         TooManyMethods
*         TooManyFields
 *         NonBlankFinalLocalAssignment
*         ObjectCannotHaveSuperTypes
*         MissingSemiColon
*         InvalidParenthesizedExpression
*         EnclosingInstanceInConstructorCall
*         BytecodeExceeds64KLimitForConstructor
*         IncompatibleReturnTypeForNonInheritedInterfaceMethod
*         UnusedPrivateMethod
*         UnusedPrivateConstructor
*         UnusedPrivateType
*         UnusedPrivateField
*         IncompatibleExceptionInThrowsClauseForNonInheritedInterfaceMethod
*         InvalidExplicitConstructorCall
*     IBM Corporation - added the following constants
*         PossibleAccidentalBooleanAssignment
*         SuperfluousSemicolon
*         IndirectAccessToStaticField
*         IndirectAccessToStaticMethod
*         IndirectAccessToStaticType
*         BooleanMethodThrowingException
*         UnnecessaryCast
*         UnnecessaryArgumentCast
```

```
*         UnnecessaryInstanceof
*
  FinallyMustCompleteNormally
*         UnusedMethodDeclaredThrownException
*         UnusedConstructorDeclaredThrownException
*         InvalidCatchBlockSequence
*         UnqualifiedFieldAccess
*     IBM Corporation - added the following constants
*         Javadoc
*         JavadocUnexpectedTag
*         JavadocMissingParamTag
*         JavadocMissingParamName
*         JavadocDuplicateParamName
*         JavadocInvalidParamName
*         JavadocMissingReturnTag
*         JavadocDuplicateReturnTag
*         JavadocMissingThrowsTag
*         JavadocMissingThrowsClassName
*         JavadocInvalidThrowsClass
*         JavadocDuplicateThrowsClassName
*         JavadocInvalidThrowsClassName
*         JavadocMissingSeeReference
*         JavadocInvalidSeeReference
*         JavadocInvalidSeeHref
*         JavadocInvalidSeeArgs
*         JavadocMissing
*         JavadocInvalidTag
*         JavadocMessagePrefix
 *         EmptyControlFlowStatement
*     IBM Corporation - added the following constants
*         IllegalUsageOfQualifiedTypeReference
*         InvalidDigit
*     IBM Corporation - added the following constants
*         ParameterAssignment
*         FallthroughCase
*     IBM Corporation - added the following constants
*                         UnusedLabel
*                         UnnecessaryNLSTag
*                         LocalVariableMayBeNull
*                         EnumConstantsCannotBeSurroundedByParenthesis
*                         JavadocMissingIdentifier
*                         JavadocNonStaticTypeFromStaticInvocation
*                         RawTypeReference
*                         NoAdditionalBoundAfterTypeVariable
*                         UnsafeGenericArrayForVarargs
*                         IllegalAccessFromTypeVariable
*
```

```
  AnnotationValueMustBeArrayInitializer
*                       InvalidEncoding
*                       CannotReadSource
*                       EnumStaticFieldInInInitializerContext
*                       ExternalProblemNotFixable
*                       ExternalProblemFixable
*    IBM Corporation - added the following constants
*                       AnnotationValueMustBeAnEnumConstant
*                       OverridingMethodWithoutSuperInvocation
*                       MethodMustOverrideOrImplement
*                       TypeHidingTypeParameterFromType
*                       TypeHidingTypeParameterFromMethod
*                       TypeHidingType
*    IBM Corporation - added the following constants
*        NullLocalVariableReference
*        PotentialNullLocalVariableReference
*        RedundantNullCheckOnNullLocalVariable
*         NullLocalVariableComparisonYieldsFalse
 *         RedundantLocalVariableNullAssignment
*         NullLocalVariableInstanceofYieldsFalse
*         RedundantNullCheckOnNonNullLocalVariable
*         NonNullLocalVariableComparisonYieldsFalse
*    IBM Corporation - added the following constants
*                       InvalidUsageOfTypeParametersForAnnotationDeclaration
*                       InvalidUsageOfTypeParametersForEnumDeclaration
*    IBM Corporation - added the following constants
*        RedundantSuperinterface
*  Benjamin Muskalla - added the following constants
*       MissingSynchronizedModifierInInheritedMethod
*  Stephan Herrmann  - added the following constants
*       UnusedObjectAllocation
*       PotentiallyUnclosedCloseable
*       PotentiallyUnclosedCloseableAtExit
*       UnclosedCloseable
*       UnclosedCloseableAtExit
*       ExplicitlyClosedAutoCloseable
*          RequiredNonNullButProvidedNull
 *        RequiredNonNullButProvidedPotentialNull
*        RequiredNonNullButProvidedUnknown
*        NullAnnotationNameMustBeQualified
*        IllegalReturnNullityRedefinition
*        IllegalRedefinitionToNonNullParameter
*        IllegalDefinitionToNonNullParameter
*        ParameterLackingNonNullAnnotation
*        ParameterLackingNullableAnnotation
*        PotentialNullMessageSendReference
*        RedundantNullCheckOnNonNullMessageSend
*        CannotImplementIncompatibleNullness
```

* RedundantNullAnnotation
* RedundantNullDefaultAnnotation
* RedundantNullDefaultAnnotationPackage
* RedundantNullDefaultAnnotationType
* RedundantNullDefaultAnnotationMethod
* ContradictoryNullAnnotations
* IllegalAnnotationForBaseType
* RedundantNullCheckOnSpecdNonNullLocalVariable
* SpecdNonNullLocalVariableComparisonYieldsFalse
* RequiredNonNullButProvidedSpecdNullable
* MissingDefaultCase
* MissingEnumConstantCaseDespiteDefault
* UninitializedLocalVariableHintMissingDefault
* UninitializedBlankFinalFieldHintMissingDefault
* ShouldReturnValueHintMissingDefault
* IllegalModifierForInterfaceDefaultMethod
* InheritedDefaultMethodConflictsWithOtherInherited
* ConflictingNullAnnotations
* ConflictingInheritedNullAnnotations
* UnsafeElementTypeConversion
* ArrayReferencePotentialNullReference
* DereferencingNullableExpression
* NullityMismatchingTypeAnnotation
* NullityMismatchingTypeAnnotationSuperHint
* NullityUncheckedTypeAnnotationDetail
* NullityUncheckedTypeAnnotationDetailSuperHint
* NullableFieldReference
* UninitializedNonNullField
* UninitializedNonNullFieldHintMissingDefault
* NonNullMessageSendComparisonYieldsFalse
* RedundantNullCheckOnNonNullSpecdField
* NonNullSpecdFieldComparisonYieldsFalse
* NonNullExpressionComparisonYieldsFalse
* RedundantNullCheckOnNonNullExpression
* ReferenceExpressionParameterNullityMismatch
* ReferenceExpressionParameterNullityUnchecked
* ReferenceExpressionReturnNullRedef
* ReferenceExpressionReturnNullRedefUnchecked
* DuplicateInheritedDefaultMethods
* SuperAccessCannotBypassDirectSuper
* SuperCallCannotBypassOverride
* ConflictingNullAnnotations
* ConflictingInheritedNullAnnotations
* UnsafeElementTypeConversion
* PotentialNullUnboxing
* NullUnboxing
* NullExpressionReference
* PotentialNullExpressionReference

```
*       RedundantNullCheckAgainstNonNullType
*       NullAnnotationUnsupportedLocation
*       NullAnnotationUnsupportedLocationAtType
*       NullityMismatchTypeArgument
*       ContradictoryNullAnnotationsOnBound
*       UnsafeNullnessCast
 *       ContradictoryNullAnnotationsInferred
*       NonNullDefaultDetailIsNotEvaluated
*       NullNotCompatibleToFreeTypeVariable
*       NullityMismatchAgainstFreeTypeVariable
*       ImplicitObjectBoundNoNullDefault
*       IllegalParameterNullityRedefinition
*       ContradictoryNullAnnotationsInferredFunctionType
*       IllegalReturnNullityRedefinitionFreeTypeVariable
*       UnlikelyCollectionMethodArgumentType
*       UnlikelyEqualsArgumentType
*     Jesper S Moller  - added the following constants
*       TargetTypeNotAFunctionalInterface
*       OuterLocalMustBeEffectivelyFinal
*       IllegalModifiersForPackage
*       DuplicateAnnotationNotMarkedRepeatable
*       DisallowedTargetForContainerAnnotation
*       RepeatedAnnotationWithContainerAnnotation
*       ContainingAnnotationMustHaveValue
*       ContainingAnnotationHasNonDefaultMembers
*       ContainingAnnotationHasWrongValueType
*       ContainingAnnotationHasShorterRetention
 *       RepeatableAnnotationHasTargets
*       RepeatableAnnotationTargetMismatch
*       RepeatableAnnotationIsDocumented
*       RepeatableAnnotationIsInherited
*       RepeatableAnnotationWithRepeatingContainerAnnotation
*       VarLocalMultipleDeclarators
*       VarLocalCannotBeArray
*       VarLocalReferencesItself
*       VarLocalWithoutInitizalier
*       VarLocalInitializedToNull
*       VarLocalCannotBeArrayInitalizers
*       VarLocalCannotBeLambda
*       VarLocalCannotBeMethodReference
*       VarIsReserved
*       VarIsReservedInFuture
*       VarIsNotAllowedHere
*******************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/core/compiler/IProblem.java

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* Contributors:
*     IBM Corporation - initial API and implementation
*     Stephan Herrmann - Contribution for
*       Bug 365992 - [builder] [null] Change of nullness for a parameter doesn't trigger a build for the files that call the
method
*       Bug 440477 - [null] Infrastructure for feeding external annotations into compilation
*       Bug 440687 - [compiler][batch][null] improve command line option for external annotations
*     Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*
             bug 407191 - [1.8] Binary access support for type annotations
*******************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/classfmt/ClassFileReader.java
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* Contributors:
*     Stephan Herrmann - initial API and implementation
*     Lars Vogel <Lars.Vogel@vogella.com> - Contributions for
*         Bug 473178
*     IBM Corporation - Bug fixes
*******************************************************************************/
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Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-

jar/org/eclipse/jdt/internal/compiler/lookup/BoundSet.java
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* Contributors:
*     IBM Corporation - initial API and implementation
*    Jesper Steen Moller - Bug 412150 [1.8] [compiler] Enable reflected parameter names during annotation
processing
*******************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/apt/model/ExecutableElementImpl.java
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* Contributors:
*     IBM Corporation - initial API and implementation
*     Stephan Herrmann - Contribution for
*       bug 331649 - [compiler][null] consider null annotations for fields
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 426996 - [1.8][inference] try to avoid method Expression.unresolve()?
*     Jesper S Moller - Contributions for
*      bug 382721 - [1.8][compiler] Effectively final variables needs special treatment
 *******************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/NameReference.java

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* Contributors:
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*     Stephan Herrmann - Contributions for
*        bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*        Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
*        Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                        Bug 415543 - [1.8][compiler] Incorrect bound index in RuntimeInvisibleTypeAnnotations attribute
*******************************************************************************/
```

Found
 in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/TypeParameter.java
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* Contributors:
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*     Stephan Herrmann - Contribution for
*        bug 392862 - [1.8][compiler][null] Evaluate null annotations on array types
*        bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*        bug 392384 - [1.8][compiler][null] Restore nullness info from type annotations in class files
*        Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*        Bug
 415291 - [1.8][null] differentiate type incompatibilities due to null annotations
*        Bug 415850 - [1.8] Ensure RunJDTCoreTests can cope with null annotations enabled
*        Bug 416176 - [1.8][compiler][null] null type annotations cause grief on type variables
```

```
*       Bug 417295 - [1.8[[null] Massage type annotated null analysis to gel well with deep encoded type bindings.
*       Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
*       Bug 425460 - [1.8] [inference] Type not inferred on stream.toArray
*       Bug 426792 - [1.8][inference][impl] generify new type inference engine
*       Bug 428019 - [1.8][compiler] Type inference failure with nested generic invocation.
*       Bug 438458 - [1.8][null] clean up handling of null type annotations wrt type variables
*       Bug 440759 - [1.8][null] @NonNullByDefault should never affect wildcards and uses of a type variable
*       Bug 441693 -
 [1.8][null] Bogus warning for type argument annotated with @NonNull
*     Jesper S Møller - Contributions for bug 381345 : [1.8] Take care of the Java 8 major version
*       Bug 527554 - [18.3] Compiler support for JEP 286 Local-Variable Type
*******************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/ArrayBinding.java
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* Contributors:
*     IBM Corporation - initial API and implementation
*     Genady Beriozkin - added support for reporting assignment with no effect
*     Stephan Herrmann <stephan@cs.tu-berlin.de> - Contributions for
*       bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*       bug 292478 - Report potentially null across variable assignment
*         bug 335093 - [compiler][null] minimal hook for future null annotation support
*         bug 349326 - [1.7] new warning for missing
 try-with-resources
*      bug 186342 - [compiler][null] Using annotations for null checking
*      bug 358903 - Filter practically unimportant resource leak warnings
*      bug 370639 - [compiler][resource] restore the default for resource leak warnings
*      bug 365859 - [compiler][null] distinguish warnings based on flow analysis vs. null annotations
*      bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*      bug 388996 - [compiler][resource] Incorrect 'potential resource leak'
*      bug 394768 - [compiler][resource] Incorrect resource leak warning when creating stream in conditional
*      bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
*      bug 331649 - [compiler][null] consider null annotations for fields
*      bug 383368 - [compiler][null] syntactic null analysis for field references
*      bug 402993 - [null] Follow up of bug 401088: Missing
```

warning about redundant null check
*	bug 403147 - [compiler][null] FUP of bug 400761: consolidate interaction between unboxing, NPE, and deferred checking
*	Bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*	Bug 427438 - [1.8][compiler] NPE at org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
*	Bug 453483 - [compiler][null][loop] Improve null analysis for loops
*	Bug 407414 - [compiler][null] Incorrect warning on a primitive type being null
**********/

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/Assignment.java
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* Contributors:
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*	Stephan Herrmann - Contributions for
*	bug 342671 - ClassCastException: org.eclipse.jdt.internal.compiler.lookup.SourceTypeBinding cannot be cast to org.eclipse.jdt.internal.compiler.lookup.ArrayBinding

```
*       Bug 420894 - ClassCastException in DefaultBindingResolver.resolveType(Type)
*       bug 392099 - [1.8][compiler][null] Apply null annotation on types for null analysis
*       Bug 415043 - [1.8][null] Follow-up re null type
 annotations after bug 392099
*       Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
*       Bug 434600 - Incorrect null analysis error reporting on type parameters
*       Bug 435570 - [1.8][null] @NonNullByDefault illegally tries to affect "throws E"
*       Bug 456508 - Unexpected RHS PolyTypeBinding for: <code-snippet>
*       Bug 466713 - Null Annotations: NullPointerException using <int @Nullable []> as Type Param
*       Andy Clement - Contributions for
*                       Bug 383624 - [1.8][compiler] Revive code generation support for type annotations (from Olivier's
work)
*******************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/ParameterizedSingleTypeReference.java
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*     Stephan Herrmann - Contributions for
*           bug 319201 - [null] no warning when unboxing SingleNameReference causes NPE
*           bug 349326 - [1.7] new warning for missing try-with-resources
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 383368 - [compiler][null] syntactic null analysis for field references
*       bug 403147 - [compiler][null] FUP of bug 400761:
 consolidate interaction between unboxing, NPE, and deferred checking
*******************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/IfStatement.java
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* Contributors:
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*     Stephan Herrmann - Contribution for
*       Bug 428811 - [1.8][compiler] Type witness unnecessarily required
*******************************************************************************/
```

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/PolyTypeBinding.java
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* Contributors:
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*     Stephan Herrmann - Contribution for
*       bug 383368 - [compiler][null] syntactic null analysis for field references
*******************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/NullLiteral.java
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```
*
* Contributors:
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*  Stephan Herrmann - Contribution for
*       bug 400710 - [1.8][compiler] synthetic access to default method generates wrong code
*       Bug 459967 - [null] compiler should know about nullness of special methods like MyEnum.valueOf()
*       Bug 470467 - [null] Nullness of special Enum methods not detected from .class file
*      Andy Clement (GoPivotal, Inc) aclement@gopivotal.com - Contributions for
*                      Bug 405104 -
 [1.8][compiler][codegen] Implement support for serializeable lambdas
*******************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/SyntheticMethodBinding.java
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* Contributors:
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/SyntheticFactoryMethodBinding.java
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* Contributors:
*     IBM Corporation - initial API and implementation
```

```
*     Stephan Herrmann - Contribution for
*       bug 345305 - [compiler][null] Compiler misidentifies a case of "variable can only be null"
*       bug 383368 - [compiler][null] syntactic null analysis for field references
*******************************************************************************/
```

Found in path(s):
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/BinaryExpression.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/lookup/AptSourceLocalVariableBinding.java
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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/PackageVisibilityStatement.java
* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/parser/RecoveredModule.java
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* Bug 392238 - [1.8][compiler][null] Detect semantically invalid null type annotations
* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
***/

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* Bug 400874 - [1.8][compiler] Inference infrastructure should evolve to meet JLS8 18.x (Part G of JSR335 spec)
* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
**********/

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-jar/org/eclipse/jdt/internal/compiler/ast/Javadoc.java
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* bug 186342 - [compiler][null] Using annotations for null checking
* bug 395002 - Self bound generic class doesn't resolve bounds properly for wildcards for certain parametrisation.
* Bug 415043 - [1.8][null] Follow-up re null type annotations after bug 392099
* bug 413958 - Function override returning inherited Generic Type
* Bug 400874 - [1.8][compiler] Inference infrastructure
should evolve to meet JLS8 18.x (Part G of JSR335 spec)
* Bug 424710 - [1.8][compiler] CCE in SingleNameReference.localVariableBinding
* Bug 423505 - [1.8] Implement "18.5.4 More Specific Method Inference"
* Bug 427438 - [1.8][compiler] NPE at
org.eclipse.jdt.internal.compiler.ast.ConditionalExpression.generateCode(ConditionalExpression.java:280)
* Bug 418743 - [1.8][null] contradictory annotations on invocation of generic method not reported
* Bug 416182 - [1.8][compiler][null] Contradictory null annotations not rejected
* Bug 429958 - [1.8][null] evaluate new DefaultLocation attribute of @NonNullByDefault
* Bug 434602 - Possible error with inferred null annotations leading to contradictory null annotations
* Bug 434483 - [1.8][compiler][inference] Type inference not picked up with method reference
* Bug 446442 - [1.8] merge null annotations from super methods
* Bug 457079 - Regression: type
inference
**********/

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* /opt/cola/permits/1430636762_1664535907.3671625/0/ecj-3-26-0-sources-3-
jar/org/eclipse/jdt/internal/compiler/lookup/ParameterizedGenericMethodBinding.java

1.1733 pcre 8.39-12ubuntu0.1

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Written by: Philip Hazel
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1.1734 audit 2.8.5-2ubuntu6

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* /opt/cola/permits/1432292886_1664815455.8236387/0/org-eclipse-equinox-p2-metadata-2-3-100-sources-2-jar/org/eclipse/equinox/internal/p2/metadata/expression/Assignment.java
* /opt/cola/permits/1432292886_1664815455.8236387/0/org-eclipse-equinox-p2-metadata-2-3-100-sources-2-jar/org/eclipse/equinox/p2/metadata/IVersionFormat.java
* /opt/cola/permits/1432292886_1664815455.8236387/0/org-eclipse-equinox-p2-metadata-2-3-100-sources-2-jar/org/eclipse/equinox/internal/p2/metadata/expression/WrappedIQuery.java
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* /opt/cola/permits/1432292886_1664815455.8236387/0/org-eclipse-equinox-p2-metadata-2-3-100-sources-2-jar/org/eclipse/equinox/internal/p2/metadata/expression/Exists.java
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* /opt/cola/permits/1432292886_1664815455.8236387/0/org-eclipse-equinox-p2-metadata-2-3-100-sources-2-jar/org/eclipse/equinox/p2/query/ExpressionQuery.java
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***/
/**
 * Returns the message digest of the license body. The digest is calculated on a normalized
 * version of the license where all whitespace has been reduced to one space.
 * @return the message digest as a <code>BigInteger</code>, never <code>null</code>

```
 */
```

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* /opt/cola/permits/1432292886_1664815455.8236387/0/org-eclipse-equinox-p2-metadata-2-3-100-sources-2-jar/org/eclipse/equinox/internal/p2/metadata/License.java
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1.1743 eclipsecore.net 1.3.0

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* /opt/cola/permits/1432291979_1664815450.6890428/0/org-eclipse-core-net-1-3-0-sources-2-jar/org/eclipse/core/internal/net/proxy/unix/UnixProxyProvider.java
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* IBM Corporation - handling URI without a scheme by select(URI, List) (bug 246065)
* IBM Corporation - Add proxy providers layer on the top of ProxyManager (bug 255616)
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* /opt/cola/permits/1432291979_1664815450.6890428/0/org-eclipse-core-net-1-3-0-sources-2-jar/org/eclipse/core/internal/net/proxy/win32/winhttp/StaticProxyConfig.java
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* /opt/cola/permits/1432291979_1664815450.6890428/0/org-eclipse-core-net-1-3-0-sources-2-jar/org/eclipse/core/internal/net/ProxyChangeEvent.java
* /opt/cola/permits/1432291979_1664815450.6890428/0/org-eclipse-core-net-1-3-0-sources-2-jar/org/eclipse/core/net/proxy/IProxyChangeEvent.java
*
 /opt/cola/permits/1432291979_1664815450.6890428/0/org-eclipse-core-net-1-3-0-sources-2-jar/org/eclipse/core/internal/net/StringMatcher.java
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* yyyymmdd bug Email and other contact information
* -------- -------- ----------
* 20070119 161112 makandre@ca.ibm.com - Andrew Mak, WSE: can't find business thru a proxy server that needs basic auth
* 20070201 154100 pmoogk@ca.ibm.com - Peter Moogk, Port internet code from WTP to Eclipse base.
**********/

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* /opt/cola/permits/1432291979_1664815450.6890428/0/org-eclipse-core-net-1-3-0-sources-2-jar/org/eclipse/core/internal/net/Activator.java
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* /opt/cola/permits/1432291979_1664815450.6890428/0/org-eclipse-core-net-1-3-0-sources-2-jar/org/eclipse/core/internal/net/proxy/win32/winhttp/WinHttp.java
* /opt/cola/permits/1432291979_1664815450.6890428/0/org-eclipse-core-net-1-3-0-sources-2-jar/org/eclipse/core/internal/net/proxy/win32/winhttp/WinHttpProxyInfo.java
*
 /opt/cola/permits/1432291979_1664815450.6890428/0/org-eclipse-core-net-1-3-0-sources-2-jar/org/eclipse/core/internal/net/proxy/win32/winhttp/AutoProxyHolder.java
* /opt/cola/permits/1432291979_1664815450.6890428/0/org-eclipse-core-net-1-3-0-sources-2-jar/org/eclipse/core/internal/net/proxy/win32/winhttp/WinHttpAutoProxyOptions.java
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* /opt/cola/permits/1432291979_1664815450.6890428/0/org-eclipse-core-net-1-3-0-sources-2-jar/org/eclipse/core/net/proxy/IProxyData.java
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* /opt/cola/permits/1432291979_1664815450.6890428/0/org-eclipse-core-net-1-3-0-sources-2-jar/org/eclipse/core/internal/net/ProxyManager.java
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1.1744 eclipse-equinox-p2-director-app 1.0.500

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*     SAP AG - list formatting (bug 423538)
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1.1745 eclipse-equinox-p2-touchpoint-eclipse 2.1.400

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1.1746 eclipse-equinox-preferences 3.6.1

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1.1748 eclipse-equinox-frameworkadmin 2.0.300

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1.1750 javassist 3.29.2-GA

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Found in path(s):
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/ByteStream.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/tools/Callback.java
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* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/CtField.java
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/opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/MemberValue.java
* /opt/cola/permits/1434218610_1664996210.5127783/0/javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/LongMemberValue.java
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5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the

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Any executables containing that work also fall under Section 6,
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*     Stefan Xenos (Google) - bug 475747 - Support efficient, convenient cancellation checks in SubMonitor
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* /opt/cola/permits/1434939051_1665049845.004175/0/org-eclipse-equinox-common-3-10-500-sources-jar/org/eclipse/core/internal/runtime/PlatformURLConfigConnection.java
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libpixregion

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its criteria of freedom. The Lesser General
Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

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libpixregion

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1.1775 moduleorder.parent 0.0.1

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slim

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1.1784 x-sync 0.0.0-20220923202941-7f9b1623fab7

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1.1785 unzip 6.0-25ubuntu1.1

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FIRST NOTE:
This file contains some details about the copyright history of contributions to the UnZip project.
Additionally, it summarises some exceptions to the general BSD-like copyright found in LICENSE that covers our generic code and most of the system specific ports.

Please read LICENSE first to find out what is allowed to do with
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- -

There are currently two explicit copyrights on portions of UnZip
code (at least, of which Info-ZIP is aware):
Jim Luther's Mac OS File Manager interface code; and Christopher Evans'
MacBinaryIII coding code (for the MacOS port).. These copyrights
are discussed in more detail below.

All remaining
code is now (starting with UnZip version 5.41) covered
by the new Info-ZIP license. For details, please read the acompaning
file LICENSE. The terms and conditions in this license supersede the
copyright conditions of the contributions by Igor Mandrichenko
(vms/vms.c), Greg Roelofs (zipinfo.c, new version of unshrink.c),
Mike White (Windows DLL code in "windll/*"), Steve P. Miller (Pocket
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core routines, previously put into the public domain). All these
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Frequently Asked Questions regarding (re)distribution of Zip and UnZip
are near the end of this file.

There are no known patents on any of the code in UnZip. Unisys
claims a patent on LZW encoding and on LZW decoding _in an apparatus
that performs LZW encoding_, but the patent appears to exempt a stand-
alone decoder (as in UnZip's unshrink.c). Unisys has publicly claimed
otherwise, but the issue has never been tested in court. Since this
point is unclear, unshrinking is not enabled by default. It is the
responsibility of the user to make his or her peace with Unisys and
its licensing requirements. (unshrink.c may be removed from future
releases altogether.)

The original unzip source code has been extensively modified and
almost entirely rewritten (changes include random zipfile access
rather than sequential; replacement of unimplode() with explode();
replacement of old unshrink() with new (unrelated) unshrink(); re-
placement of output routines; addition of inflate(), wildcards,
filename-mapping, text translation, ...; etc.). As far as we can
tell, only the core code of the unreduce method remained substantially
similar to Mr. Smith's original source. As of UnZip
5.42, the complete
core code is now covered by the Info-ZIP Licence. Therefore, support
for the reduce method has been removed.

The drop of the reduce method should only affect some test archives,
reducing was never used in any publically distributed Zip program.
For pathologic cases where support for reduced archive entries is
needed, the unreduce code copyrighted by Samuel H. Smith is available
as a separate distribution (the restricted copyright of this code is
cited below in the "historical" section).

The following copyright applies to the Mac OS File Manager interface code
(macos/source/macstuff.[ch]), distributed with UnZip 5.4 and later:

```
  * MoreFiles
  *
  * A collection of File Manager and related routines
  *
  * by Jim Luther (Apple Macintosh Developer Technical Support Emeritus)
  * with significant code contributions by Nitin Ganatra
  * (Apple Macintosh Developer Technical Support Emeritus)
  * Copyright  1992-1998
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  *
  *         "You may incorporate this sample code into your
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```

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The following
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(extra field compatibility with ZipIt):

```
  *  MacBinaryIII.h
  *
  *  Copyright 1997 Christopher Evans (cevans@poppybank.com)
  *
```

```
   *  Basic encoding and decoding of Macintosh files to the
   *  MacBinary III spec.
   * ----------------------------------------------------------------------
   * This source is copyrighted by Christopher Evans (cevans@poppybank.com)
   * (available at ftp://ftp.lazerware.com/MacBinaryIII_src_C.sit
   * homepage of Leonard Rosenthol  leonardr@netcom.com)
```

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The following copyright applies to the full-featured unreduce.c
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```
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   *
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   * Do not use any of this in a commercial product.
```

Regarding the first stipulation, Mr. Smith was tracked down in southern
California some years back [Samuel H. Smith, The Tool Shop; as of mid-
May 1994, (213) 851-9969 (voice), (213) 887-2127(?) (subscription BBS),
71150.2731@compuserve.com]:

"He says that he thought that whoever contacted him understood that
he has no objection to the Info-ZIP group's inclusion of his code.
His primary concern is that it remain freely distributable, he said."

Despite the fact that our "normal" code has been entirely rewritten
and by default
no longer contains any of Mr. Smith's code, Info-ZIP
remains indebted and grateful to him. We hope he finds our contribu-
tions as useful as we have his.

Note that the third and fourth stipulations still apply to any com-
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The following copyright applied to most of the VMS code in vms.c,
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  * code.  (Other names may, of course, be added as modifications
  * are made.)  Corporate legal staff (like at IBM :-) ) who have
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```

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```
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```

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```
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The remaining code was written by many people associated with the
Info-ZIP group, with large contributions from (but not limited to):
Greg Roelofs (overall program logic, ZipInfo, unshrink, filename
mapping/portability, etc.), Mark Adler (inflate, explode, funzip),
Kai Uwe Rommel (OS/2), John Bush and Paul Kienitz (Amiga), Antoine
Verheijen (Macintosh), Hunter Goatley (more VMS), Mike White (Windows
DLLs), Christian Spieler (overall logic, optimization, VMS, etc.) and
others. See the file CONTRIBS in the source distribution for a much
more complete list of contributors.
The decompression core code for the deflate method (inflate.[ch],
explode.c) was originally written by Mark Adler who submitted it
as public domain code.

1.1786 protobuf-java 3.17.2

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* /opt/cola/permits/1444330749_1666012919.2583277/0/protobuf-java-3-17-2-sources-1-jar/com/google/protobuf/RopeByteString.java
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jar/com/google/protobuf/Internal.java
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* /opt/cola/permits/1444330749_1666012919.2583277/0/protobuf-java-3-17-2-sources-1-jar/com/google/protobuf/MessageSchema.java
* /opt/cola/permits/1444330749_1666012919.2583277/0/protobuf-java-3-17-2-sources-1-jar/com/google/protobuf/FieldSet.java
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* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/RpcChannel.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/AbstractParser.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/Internal.java

*
/opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/UnsafeByteOperations.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/ExtensionLite.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/RepeatedFieldBuilder.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/GeneratedMessageLite.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/Android.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/UnmodifiableLazyStringList.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/SingleFieldBuilder.java
*
/opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/AbstractProtobufList.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/Descriptors.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/google/protobuf/compiler/plugin.proto
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/UnknownFieldSetLite.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/ByteBufferWriter.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/NioByteString.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/LazyStringList.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/MessageLiteToString.java
*
/opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/RepeatedFieldBuilderV3.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/AbstractMessageLite.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/ByteString.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/ExtensionRegistryLite.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/google/protobuf/descriptor.proto
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/ServiceException.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/ProtobufArrayList.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-

jar/com/google/protobuf/MapField.java
*
/opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/SingleFieldBuilderV3.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/MessageOrBuilder.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/DoubleArrayList.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/LazyFieldLite.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/LazyStringArrayList.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/InvalidProtocolBufferException.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/PrimitiveNonBoxingCollection.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/google/protobuf/api.proto
*
/opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/RpcUtil.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/UninitializedMessageException.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/GeneratedMessageV3.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/TextFormatParseLocation.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/google/protobuf/type.proto
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/ExperimentalApi.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/CodedOutputStream.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/GeneratedMessage.java
*
/opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/google/protobuf/wrappers.proto
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/ExtensionRegistryFactory.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/LongArrayList.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/MapEntry.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/Message.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/TextFormat.java

* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/LazyField.java
* /opt/cola/permits/1444434339_1666014834.0527022/0/protobuf-java-3-7-1-sources-3-jar/com/google/protobuf/BooleanArrayList.java

1.1788 zlib 1.2.11.dfsg-2ubuntu1.5

1.1788.1 Available under license :

No license file was found, but licenses were detected in source scan.

/* gun.c -- simple gunzip to give an example of the use of inflateBack()
* Copyright (C) 2003, 2005, 2008, 2010, 2012 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
  Version 1.7 12 August 2012 Mark Adler */

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gun.c
No license file was found, but licenses were detected in source scan.

/* gzclose.c -- zlib gzclose() function
* Copyright (C) 2004, 2010 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzclose.c
No license file was found, but licenses were detected in source scan.

MiniZip - Copyright (c) 1998-2010 - by Gilles Vollant - version 1.1 64 bits from Mathias Svensson

Introduction

MiniZip 1.1 is built from MiniZip 1.0 by Gilles Vollant (http://www.winimage.com/zLibDll/minizip.html)

When adding ZIP64 support into minizip it would result into risk of breaking compatibility with minizip 1.0.
All possible work was done for compatibility.

Background

When adding ZIP64 support Mathias Svensson found that Even Rouault have added ZIP64
support for unzip.c into minizip for a open source project called gdal (http://www.gdal.org/)

That was used as a starting point. And after that ZIP64 support was added to zip.c
some refactoring and code cleanup was also done.

Changed from MiniZip 1.0 to MiniZip 1.1
---
* Added ZIP64 support for unzip (by Even Rouault)
* Added ZIP64 support for zip (by Mathias Svensson
)
* Reverted some changed that Even Rouault did.
* Bunch of patches received from Gulles Vollant that he received for MiniZip from various users.
* Added unzip patch for BZIP Compression method (patch create by Daniel Borca)
* Added BZIP Compress method for zip
* Did some refactoring and code cleanup

Credits

Gilles Vollant - Original MiniZip author
Even Rouault - ZIP64 unzip Support
Daniel Borca - BZip Compression method support in unzip
Mathias Svensson - ZIP64 zip support
Mathias Svensson - BZip Compression method support in zip

Resources

ZipLayout http://result42.com/projects/ZipFileLayout
Command line tool for Windows that shows the layout and information of the headers in a zip archive.
Used when debugging and validating the creation of zip files using MiniZip64

ZIP App Note http://www.pkware.com/documents/casestudies/APPNOTE.TXT
Zip File specification

Notes.
* To be able to use BZip compression method in
 zip64.c or unzip64.c the BZIP2 lib is needed and HAVE_BZIP2 need to be defined.

License

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   appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be
   misrepresented as being the original software.
3. This notice may
not be removed or altered from any source distribution.

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/MiniZip64_info.txt
No license file was found, but licenses were detected in source scan.

/* compress.c -- compress a memory buffer
* Copyright (C) 1995-2005, 2014, 2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/compress.c
No license file was found, but licenses were detected in source scan.

/* zconf.h -- configuration of the zlib compression library
* Copyright (C) 1995-2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h.in
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h.cmakein
No license file was found, but licenses were detected in source scan.

/*
* gzlog.c
* Copyright (C) 2004, 2008, 2012, 2016 Mark Adler, all rights reserved
* For conditions of distribution and use, see copyright notice in gzlog.h
* version 2.2, 14 Aug 2012
*/

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzlog.c

No license file was found, but licenses were detected in source scan.

/* deflate.c -- compress data using the deflation algorithm
* Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/deflate.c
No license file was found, but licenses were detected in source scan.

Not copyrighted -- provided to the public domain

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/zlib_how.html
No license file was found, but licenses were detected in source scan.

/* zutil.h -- internal interface and configuration of the compression library
* Copyright (C) 1995-2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zutil.h
No license file was found, but licenses were detected in source scan.

/* uncompr.c -- decompress a memory buffer
* Copyright (C) 1995-2003, 2010, 2014, 2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/uncompr.c
No license file was found, but licenses were detected in source scan.

For conditions of distribution and use, see copyright notice in zlib.h

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/msdos/Makefile.emx
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/old/Makefile.emx
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/msdos/Makefile.dj2
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/old/os2/Makefile.os2

No license file was found, but licenses were detected in source scan.

/* trees.c -- output deflated data using Huffman coding
* Copyright (C) 1995-2017 Jean-loup Gailly
* detect_data_type() function provided freely by Cosmin Truta, 2006
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/trees.c
No license file was found, but licenses were detected in source scan.

/* gzread.c -- zlib functions for reading gzip files
* Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzread.c
No license file was found, but licenses were detected in source scan.

/* unzip.c -- IO for uncompress .zip files using zlib
  Version 1.1, February 14h, 2010
  part of the MiniZip project - (http://www.winimage.com/zLibDll/minizip.html)

  Copyright (C) 1998-2010 Gilles Vollant (minizip) (http://www.winimage.com/zLibDll/minizip.html)

  Modifications of Unzip for Zip64
  Copyright (C) 2007-2008 Even Rouault

  Modifications for Zip64 support on both zip and unzip
  Copyright (C) 2009-2010 Mathias Svensson (http://result42.com)

  For more info read MiniZip_info.txt

Decryption code comes from crypt.c by Info-ZIP but has been greatly reduced in terms of
compatibility with older software. The following is from the original crypt.c.
Code woven in by Terry Thorsen 1/2003.

Copyright (c) 1990-2000 Info-ZIP. All rights reserved.

See the accompanying
file LICENSE, version 2000-Apr-09 or later
(the contents of which are also included in zip.h) for terms of use.
If, for some reason, all these files are missing, the Info-ZIP license
also may be found at: ftp://ftp.info-zip.org/pub/infozip/license.html

crypt.c (full version) by Info-ZIP. Last revised: [see crypt.h]

The encryption/decryption parts of this source code (as opposed to the
non-echoing password parts) were originally written in Europe. The
whole source package can be freely distributed, including from the USA.
(Prior to January 2000, re-export from the US was a violation of US law.)

This encryption code is a direct transcription of the algorithm from
Roger Schlafly, described by Phil Katz in the file appnote.txt. This
file (appnote.txt) is distributed with the PKZIP program (even in the
version without encryption capabilities).

Changes in unzip.c

2007-2008 - Even Rouault - Addition of cpl_unzGetCurrentFileZStreamPos
2007-2008 - Even Rouault - Decoration of symbol names unz* -> cpl_unz*
2007-2008 - Even Rouault - Remove old C style function prototypes
2007-2008 - Even Rouault - Add unzip support for ZIP64

Copyright (C) 2007-2008 Even Rouault

Oct-2009 - Mathias Svensson - Removed cpl_* from symbol names (Even Rouault added them but since this is now moved to a new project (minizip64) I renamed them again).
Oct-2009 - Mathias Svensson - Fixed problem if uncompressed size was > 4G and compressed size was <4G
should only read the compressed/uncompressed size from the Zip64 format if
the size from normal header was 0xFFFFFFFF
Oct-2009 - Mathias Svensson - Applied some bug fixes from paches recived from Gilles Vollant
Oct-2009 - Mathias Svensson - Applied support to unzip files with compression mathod BZIP2 (bzip2 lib is required)
Patch created by Daniel Borca

Jan-2010 - back to unzip and minizip 1.0 name scheme, with compatibility layer

Copyright (C) 1998 - 2010 Gilles Vollant, Even Rouault, Mathias Svensson

*/

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/unzip.c
No license file was found, but licenses were detected in source scan.

/* example.c -- usage example of the zlib compression library
* Copyright (C) 1995-2006, 2011, 2016 Jean-loup Gailly

* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/example.c
/* zlib.h -- interface of the 'zlib' general purpose compression library
 version 1.2.11, January 15th, 2017

 Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler

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 distribution.

 Jean-loup Gailly   Mark Adler
 jloup@gzip.org   madler@alumni.caltech.edu

 The data format used by the zlib library is described by RFCs (Request for
 Comments) 1950 to 1952 in the files http://tools.ietf.org/html/rfc1950
 (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).
*/

No license file was found, but licenses were detected in source scan.

/* gzwrite.c -- zlib functions for writing gzip files
* Copyright (C) 2004-2017 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzwrite.c
No license file was found, but licenses were detected in source scan.

/* adler32.c -- compute the Adler-32 checksum of a data stream
* Copyright (C) 1995-2011, 2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/adler32.c
No license file was found, but licenses were detected in source scan.

Frequently Asked Questions about zlib

If your question is not there, please check the zlib home page
http://zlib.net/ which may have more recent information.
The lastest zlib FAQ is at http://zlib.net/zlib_faq.html

1. Is zlib Y2K-compliant?

Yes. zlib doesn't handle dates.

2. Where can I get a Windows DLL version?

The zlib sources can be compiled without change to produce a DLL. See the
file win32/DLL_FAQ.txt in the zlib distribution. Pointers to the
precompiled DLL are found in the zlib web site at http://zlib.net/ .

3. Where can I get a Visual Basic interface to zlib?

See
* http://marknelson.us/1997/01/01/zlib-engine/
* win32/DLL_FAQ.txt in the zlib distribution

4. compress() returns Z_BUF_ERROR.

Make sure that before the call of compress(), the length of the compressed
buffer is equal to the available size of the compressed buffer and not
zero. For Visual
Basic, check that this parameter is passed by reference
("as any"), not by value ("as long").

5. deflate() or inflate() returns Z_BUF_ERROR.

Before making the call, make sure that avail_in and avail_out are not zero.
When setting the parameter flush equal to Z_FINISH, also make sure that
avail_out is big enough to allow processing all pending input. Note that a
Z_BUF_ERROR is not fatal--another call to deflate() or inflate() can be
made with more input or output space. A Z_BUF_ERROR may in fact be

unavoidable depending on how the functions are used, since it is not possible to tell whether or not there is more output pending when strm.avail_out returns with zero. See http://zlib.net/zlib_how.html for a heavily annotated example.

6. Where's the zlib documentation (man pages, etc.)?

It's in zlib.h . Examples of zlib usage are in the files test/example.c and test/minigzip.c, with more in examples/ .

7. Why don't you use GNU
autoconf or libtool or ...?

Because we would like to keep zlib as a very small and simple package. zlib is rather portable and doesn't need much configuration.

8. I found a bug in zlib.

Most of the time, such problems are due to an incorrect usage of zlib. Please try to reproduce the problem with a small program and send the corresponding source to us at zlib@gzip.org . Do not send multi-megabyte data files without prior agreement.

9. Why do I get "undefined reference to gzputc"?

If "make test" produces something like

```
example.o(.text+0x154): undefined reference to `gzputc'
```

check that you don't have old files libz.* in /usr/lib, /usr/local/lib or /usr/X11R6/lib. Remove any old versions, then do "make install".

10. I need a Delphi interface to zlib.

See the contrib/delphi directory in the zlib distribution.

11. Can zlib handle .zip archives?

Not by itself, no. See the directory contrib/minizip in the zlib distribution.

12.
Can zlib handle .Z files?

No, sorry. You have to spawn an uncompress or gunzip subprocess, or adapt the code of uncompress on your own.

13. How can I make a Unix shared library?

By default a shared (and a static) library is built for Unix. So:

```
make distclean
./configure
make
```

14. How do I install a shared zlib library on Unix?

After the above, then:

```
make install
```

However, many flavors of Unix come with a shared zlib already installed. Before going to the trouble of compiling a shared version of zlib and trying to install it, you may want to check if it's already there! If you can #include <zlib.h>, it's there. The -lz option will probably link to it. You can check the version at the top of zlib.h or with the ZLIB_VERSION symbol defined in zlib.h .

15. I have a question about OttoPDF.

We are not the authors of OttoPDF. The real author is on the OttoPDF web site: Joel Hainley, jhainley@myndkryme.com.

16.
Can zlib decode Flate data in an Adobe PDF file?

Yes. See http://www.pdflib.com/ . To modify PDF forms, see http://sourceforge.net/projects/acroformtool/ .

17. Why am I getting this "register_frame_info not found" error on Solaris?

After installing zlib 1.1.4 on Solaris 2.6, running applications using zlib generates an error such as:

```
ld.so.1: rpm: fatal: relocation error: file /usr/local/lib/libz.so:
symbol __register_frame_info: referenced symbol not found
```

The symbol __register_frame_info is not part of zlib, it is generated by the C compiler (cc or gcc). You must recompile applications using zlib which have this problem. This problem is specific to Solaris. See http://www.sunfreeware.com for Solaris versions of zlib and applications using zlib.

18. Why does gzip give an error on a file I make with compress/deflate?

The compress and deflate functions produce data in the zlib format, which

is different and incompatible
with the gzip format. The gz* functions in
zlib on the other hand use the gzip format. Both the zlib and gzip formats
use the same compressed data format internally, but have different headers
and trailers around the compressed data.

19. Ok, so why are there two different formats?

The gzip format was designed to retain the directory information about a
single file, such as the name and last modification date. The zlib format
on the other hand was designed for in-memory and communication channel
applications, and has a much more compact header and trailer and uses a
faster integrity check than gzip.

20. Well that's nice, but how do I make a gzip file in memory?

You can request that deflate write the gzip format instead of the zlib
format using deflateInit2(). You can also request that inflate decode the
gzip format using inflateInit2(). Read zlib.h for more details.

21. Is zlib thread-safe?

Yes. However any library routines
that zlib uses and any application-
provided memory allocation routines must also be thread-safe. zlib's gz*
functions use stdio library routines, and most of zlib's functions use the
library memory allocation routines by default. zlib's *Init* functions
allow for the application to provide custom memory allocation routines.

Of course, you should only operate on any given zlib or gzip stream from a
single thread at a time.

22. Can I use zlib in my commercial application?

Yes. Please read the license in zlib.h.

23. Is zlib under the GNU license?

No. Please read the license in zlib.h.

24. The license says that altered source versions must be "plainly marked". So
what exactly do I need to do to meet that requirement?

You need to change the ZLIB_VERSION and ZLIB_VERNUM #defines in zlib.h. In
particular, the final version number needs to be changed to "f", and an
identification string should be appended to ZLIB_VERSION. Version numbers
x.x.x.f are reserved for modifications to zlib by others than the zlib
maintainers. For example, if the version of the base zlib you are altering

is "1.2.3.4", then in zlib.h you should change ZLIB_VERNUM to 0x123f, and ZLIB_VERSION to something like "1.2.3.f-zachary-mods-v3". You can also update the version strings in deflate.c and inftrees.c.

For altered source distributions, you should also note the origin and nature of the changes in zlib.h, as well as in ChangeLog and README, along with the dates of the alterations. The origin should include at least your name (or your company's name), and an email address to contact for help or issues with the library.

Note that distributing a compiled zlib library along with zlib.h and zconf.h is also a source distribution, and so you should change ZLIB_VERSION and ZLIB_VERNUM and note the origin and nature of the changes in zlib.h as you would for a full source distribution.

25.
Will zlib work on a big-endian or little-endian architecture, and can I exchange compressed data between them?

Yes and yes.

26. Will zlib work on a 64-bit machine?

Yes. It has been tested on 64-bit machines, and has no dependence on any data types being limited to 32-bits in length. If you have any difficulties, please provide a complete problem report to zlib@gzip.org

27. Will zlib decompress data from the PKWare Data Compression Library?

No. The PKWare DCL uses a completely different compressed data format than does PKZIP and zlib. However, you can look in zlib's contrib/blast directory for a possible solution to your problem.

28. Can I access data randomly in a compressed stream?

No, not without some preparation. If when compressing you periodically use Z_FULL_FLUSH, carefully write all the pending data at those points, and keep an index of those locations, then you can start decompression at those points. You have to be
careful to not use Z_FULL_FLUSH too often, since it can significantly degrade compression. Alternatively, you can scan a deflate stream once to generate an index, and then use that index for random access. See examples/zran.c .

29. Does zlib work on MVS, OS/390, CICS, etc.?

It has in the past, but we have not heard of any recent evidence. There were working ports of zlib 1.1.4 to MVS, but those links no longer work.

If you know of recent, successful applications of zlib on these operating systems, please let us know. Thanks.

30. Is there some simpler, easier to read version of inflate I can look at to understand the deflate format?

First off, you should read RFC 1951. Second, yes. Look in zlib's contrib/puff directory.

31. Does zlib infringe on any patents?

As far as we know, no. In fact, that was originally the whole point behind zlib. Look here for some more information:

http://www.gzip.org/#faq11

32. Can zlib work
with greater than 4 GB of data?

Yes. inflate() and deflate() will process any amount of data correctly. Each call of inflate() or deflate() is limited to input and output chunks of the maximum value that can be stored in the compiler's "unsigned int" type, but there is no limit to the number of chunks. Note however that the strm.total_in and strm_total_out counters may be limited to 4 GB. These counters are provided as a convenience and are not used internally by inflate() or deflate(). The application can easily set up its own counters updated after each call of inflate() or deflate() to count beyond 4 GB. compress() and uncompress() may be limited to 4 GB, since they operate in a single call. gzseek() and gztell() may be limited to 4 GB depending on how zlib is compiled. See the zlibCompileFlags() function in zlib.h.

The word "may" appears several times above since there is a 4 GB limit only if the compiler's "long" type is
32 bits. If the compiler's "long" type is
64 bits, then the limit is 16 exabytes.

33. Does zlib have any security vulnerabilities?

The only one that we are aware of is potentially in gzprintf(). If zlib is compiled to use sprintf() or vsprintf(), then there is no protection against a buffer overflow of an 8K string space (or other value as set by gzbuffer()), other than the caller of gzprintf() assuring that the output will not exceed 8K. On the other hand, if zlib is compiled to use snprintf() or vsnprintf(), which should normally be the case, then there is no vulnerability. The ./configure script will display warnings if an insecure variation of sprintf() will be used by gzprintf(). Also the zlibCompileFlags() function will return information on what variant of sprintf() is used by gzprintf().

If you don't have snprintf() or vsnprintf() and would like one, you can find a portable implementation here:

http://www.ijs.si/software/snprintf/

Note that you should be using the most recent version of zlib. Versions 1.1.3 and before were subject to a double-free vulnerability, and versions 1.2.1 and 1.2.2 were subject to an access exception when decompressing invalid compressed data.

34. Is there a Java version of zlib?

Probably what you want is to use zlib in Java. zlib is already included as part of the Java SDK in the java.util.zip package. If you really want a version of zlib written in the Java language, look on the zlib home page for links: http://zlib.net/ .

35. I get this or that compiler or source-code scanner warning when I crank it up to maximally-pedantic. Can't you guys write proper code?

Many years ago, we gave up attempting to avoid warnings on every compiler in the universe. It just got to be a waste of time, and some compilers were downright silly as well as contradicted each other. So now, we simply make sure that the code always
works.

36. Valgrind (or some similar memory access checker) says that deflate is performing a conditional jump that depends on an uninitialized value. Isn't that a bug?

No. That is intentional for performance reasons, and the output of deflate is not affected. This only started showing up recently since zlib 1.2.x uses malloc() by default for allocations, whereas earlier versions used calloc(), which zeros out the allocated memory. Even though the code was correct, versions 1.2.4 and later was changed to not stimulate these checkers.

37. Will zlib read the (insert any ancient or arcane format here) compressed data format?

Probably not. Look in the comp.compression FAQ for pointers to various formats and associated software.

38. How can I encrypt/decrypt zip files with zlib?

zlib doesn't support encryption. The original PKZIP encryption is very weak and can be broken with freely available programs. To get strong

encryption,
use GnuPG, http://www.gnupg.org/ , which already includes zlib
compression. For PKZIP compatible "encryption", look at
http://www.info-zip.org/

39. What's the difference between the "gzip" and "deflate" HTTP 1.1 encodings?

"gzip" is the gzip format, and "deflate" is the zlib format. They should
probably have called the second one "zlib" instead to avoid confusion with
the raw deflate compressed data format. While the HTTP 1.1 RFC 2616
correctly points to the zlib specification in RFC 1950 for the "deflate"
transfer encoding, there have been reports of servers and browsers that
incorrectly produce or expect raw deflate data per the deflate
specification in RFC 1951, most notably Microsoft. So even though the
"deflate" transfer encoding using the zlib format would be the more
efficient approach (and in fact exactly what the zlib format was designed
for), using the "gzip" transfer encoding is probably more reliable due to
an
unfortunate choice of name on the part of the HTTP 1.1 authors.

Bottom line: use the gzip format for HTTP 1.1 encoding.

40. Does zlib support the new "Deflate64" format introduced by PKWare?

No. PKWare has apparently decided to keep that format proprietary, since
they have not documented it as they have previous compression formats. In
any case, the compression improvements are so modest compared to other more
modern approaches, that it's not worth the effort to implement.

41. I'm having a problem with the zip functions in zlib, can you help?

There are no zip functions in zlib. You are probably using minizip by
Giles Vollant, which is found in the contrib directory of zlib. It is not
part of zlib. In fact none of the stuff in contrib is part of zlib. The
files in there are not supported by the zlib authors. You need to contact
the authors of the respective contribution for help.

42. The match.asm code in contrib is under the GNU General
Public License.
Since it's part of zlib, doesn't that mean that all of zlib falls under the
GNU GPL?

No. The files in contrib are not part of zlib. They were contributed by
other authors and are provided as a convenience to the user within the zlib
distribution. Each item in contrib has its own license.

43. Is zlib subject to export controls? What is its ECCN?

zlib is not subject to export controls, and so is classified as EAR99.

44. Can you please sign these lengthy legal documents and fax them back to us
so that we can use your software in our product?

No. Go away. Shoo.

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/FAQ
No license file was found, but licenses were detected in source scan.

/* inftrees.h -- header to use inftrees.c
* Copyright (C) 1995-2005, 2010 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inftrees.h
No license file was found, but licenses were detected in source scan.

/* gzappend -- command to append to a gzip file

Copyright (C) 2003, 2012 Mark Adler, all rights reserved
version 1.2, 11 Oct 2012

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removed or altered from any source distribution.

Mark Adler madler@alumni.caltech.edu
*/

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzappend.c

No license file was found, but licenses were detected in source scan.

/* deflate.h -- internal compression state
* Copyright (C) 1995-2016 Jean-loup Gailly
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/deflate.h
No license file was found, but licenses were detected in source scan.

/*
 Additional tools for Minizip
 Code: Xavier Roche '2004
 License: Same as ZLIB (www.gzip.org)
*/

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/mztools.h
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/mztools.c
No license file was found, but licenses were detected in source scan.

/* unzip.h -- IO for uncompress .zip files using zlib
  Version 1.1, February 14h, 2010
  part of the MiniZip project - (http://www.winimage.com/zLibDll/minizip.html)

Copyright (C) 1998-2010 Gilles Vollant (minizip) (http://www.winimage.com/zLibDll/minizip.html)

Modifications of Unzip for Zip64
Copyright (C) 2007-2008 Even Rouault

Modifications for Zip64 support on both zip and unzip
Copyright (C) 2009-2010 Mathias Svensson (http://result42.com)

For more info read MiniZip_info.txt

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   misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Changes

See header of unzip64.c

*/

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/unzip.h
No license file was found, but licenses were detected in source scan.

/* gzjoin -- command to join gzip files into one gzip file

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version 1.2, 14 Aug 2012

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3. This
notice may not be removed or altered from any source distribution.

Mark Adler madler@alumni.caltech.edu

*/

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzjoin.c
No license file was found, but licenses were detected in source scan.

/* crc32.c -- compute the CRC-32 of a data stream
* Copyright (C) 1995-2006, 2010, 2011, 2012, 2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*
* Thanks to Rodney Brown <rbrown64@csc.com.au> for his contribution of faster
* CRC methods: exclusive-oring 32 bits of data at a time, and pre-computing
* tables for updating the shift register in one step with three exclusive-ors
* instead of four steps with four exclusive-ors. This results in about a
* factor of two increase in speed on a Power PC G4 (PPC7455) using gcc -O3.
*/

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/crc32.c
No license file was found, but licenses were detected in source scan.

/* inffast.c -- fast decoding
* Copyright (C) 1995-2017 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inffast.c
No license file was found, but licenses were detected in source scan.

/* zutil.c -- target dependent utility functions for the compression library
* Copyright (C) 1995-2017 Jean-loup Gailly
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zutil.c
No license file was found, but licenses were detected in source scan.

/* inflate.h -- internal inflate state definition
* Copyright (C) 1995-2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inflate.h

No license file was found, but licenses were detected in source scan.

```
/* zlib.h -- interface of the 'zlib' general purpose compression library
 version 1.2.11, January 15th, 2017

 Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler

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 Jean-loup Gailly        Mark Adler
 jloup@gzip.org          madler@alumni.caltech.edu


 The data format used by the zlib library is described by RFCs (Request for
 Comments) 1950 to 1952 in the files http://tools.ietf.org/html/rfc1950
 (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).
*/
```

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zlib.h
No license file was found, but licenses were detected in source scan.

```
/* gzguts.h -- zlib internal header definitions for gz* operations
* Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzguts.h
No license file was found, but licenses were detected in source scan.

```
/* zip.h -- IO on .zip files using zlib
   Version 1.1, February 14h, 2010
   part of the MiniZip project - ( http://www.winimage.com/zLibDll/minizip.html )
```

Copyright (C) 1998-2010 Gilles Vollant (minizip) (http://www.winimage.com/zLibDll/minizip.html)

Modifications for Zip64 support
Copyright (C) 2009-2010 Mathias Svensson (http://result42.com)

For more info read MiniZip_info.txt

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Changes

See header of zip.h

*/

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/zip.h
No license file was found, but licenses were detected in source scan.

/* inftrees.c -- generate Huffman trees for efficient decoding
* Copyright (C) 1995-2017 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inftrees.c
No license file was found, but licenses were detected in source scan.

/* inflate.c -- zlib decompression
* Copyright (C) 1995-2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inflate.c
No license file was found, but licenses were detected in source scan.

/* zpipe.c: example of proper use of zlib's inflate() and deflate()
  Not copyrighted -- provided to the public domain
  Version 1.4 11 December 2005 Mark Adler */

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/zpipe.c
No license file was found, but licenses were detected in source scan.

ZLIB DATA COMPRESSION LIBRARY

zlib 1.2.11 is a general purpose data compression library. All the code is
thread safe. The data format used by the zlib library is described by RFCs
(Request for Comments) 1950 to 1952 in the files
http://tools.ietf.org/html/rfc1950 (zlib format), rfc1951 (deflate format) and
rfc1952 (gzip format).

All functions of the compression library are documented in the file zlib.h
(volunteer to write man pages welcome, contact zlib@gzip.org). A usage example
of the library is given in the file test/example.c which also tests that
the library is working correctly. Another example is given in the file
test/minigzip.c. The compression library itself is composed of all source
files in the root directory.

To compile all files and run the test program, follow the instructions given at
the top of Makefile.in. In short "./configure; make test", and if that goes
well, "make install" should work
 for most flavors of Unix. For Windows, use
one of the special makefiles in win32/ or contrib/vstudio/ . For VMS, use
make_vms.com.

Questions about zlib should be sent to <zlib@gzip.org>, or to Gilles Vollant
<info@winimage.com> for the Windows DLL version. The zlib home page is
http://zlib.net/ . Before reporting a problem, please check this site to
verify that you have the latest version of zlib; otherwise get the latest
version and check whether the problem still exists or not.

PLEASE read the zlib FAQ http://zlib.net/zlib_faq.html before asking for help.

Mark Nelson <markn@ieee.org> wrote an article about zlib for the Jan. 1997 issue of Dr. Dobb's Journal; a copy of the article is available at http://marknelson.us/1997/01/01/zlib-engine/ .

The changes made in version 1.2.11 are documented in the file ChangeLog.

Unsupported third party contributions are provided in directory contrib/ .

zlib is available in Java using the java.util.zip package, documented at http://java.sun.com/developer/technicalArticles/Programming/compression/ .

A Perl interface to zlib written by Paul Marquess <pmqs@cpan.org> is available at CPAN (Comprehensive Perl Archive Network) sites, including http://search.cpan.org/~pmqs/IO-Compress-Zlib/ .

A Python interface to zlib written by A.M. Kuchling <amk@amk.ca> is available in Python 1.5 and later versions, see http://docs.python.org/library/zlib.html .

zlib is built into tcl: http://wiki.tcl.tk/4610 .

An experimental package to read and write files in .zip format, written on top of zlib by Gilles Vollant <info@winimage.com>, is available in the contrib/minizip directory of zlib.

Notes for some targets:

- For Windows DLL versions, please see win32/DLL_FAQ.txt

- For 64-bit Irix, deflate.c must be compiled without any optimization. With -O, one libpng test fails. The test works in 32 bit mode (with the -n32 compiler flag). The compiler bug has been reported to SGI.

- zlib doesn't work with gcc 2.6.3 on a DEC 3000/300LX under OSF/1 2.1 it works when compiled with cc.

- On Digital Unix 4.0D (formely OSF/1) on AlphaServer, the cc option -std1 is necessary to get gzprintf working correctly. This is done by configure.

- zlib doesn't work on HP-UX 9.05 with some versions of /bin/cc. It works with other compilers. Use "make test" to check your compiler.

- gzdopen is not supported on RISCOS or BEOS.

- For PalmOs, see http://palmzlib.sourceforge.net/

Acknowledgments:

The deflate format used by zlib was defined by Phil Katz. The deflate and zlib specifications were written by L. Peter Deutsch. Thanks to all the people who reported problems and suggested various improvements in zlib; they are too numerous to cite here.

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jloup@gzip.org madler@alumni.caltech.edu

If you use the zlib library in a product, we would appreciate *not* receiving lengthy legal documents to sign. The sources are provided for free but without warranty of any kind. The library has been entirely written by Jean-loup Gailly and Mark Adler; it does not include third-party code.

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Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/README

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/* minigzip.c -- simulate gzip using the zlib compression library
* Copyright (C) 1995-2006, 2010, 2011, 2016 Jean-loup Gailly
* For conditions of distribution and use, see copyright notice in zlib.h
*/

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* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/minigzip.c
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/* inffast.h -- header to use inffast.c
* Copyright (C) 1995-2003, 2010 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

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* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inffast.h
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/* zran.c -- example of zlib/gzip stream indexing and random access
* Copyright (C) 2005, 2012 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
  Version 1.1 29 Sep 2012 Mark Adler */

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/zran.c
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/* infback.c -- inflate using a call-back interface
* Copyright (C) 1995-2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/infback.c

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```
/* gzlog.h
 Copyright (C) 2004, 2008, 2012 Mark Adler, all rights reserved
 version 2.2, 14 Aug 2012

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 Mark Adler    madler@alumni.caltech.edu
*/
```

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzlog.h
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```
/* fitblk.c: example of fitting compressed output to a specified size
  Not copyrighted -- provided to the public domain
  Version 1.1  25 November 2004  Mark Adler */
```

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/fitblk.c
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```
/* gzlib.c -- zlib functions common to reading and writing gzip files
* Copyright (C) 2004-2017 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzlib.c

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/* infcover.c -- test zlib's inflate routines with full code coverage
* Copyright (C) 2011, 2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/infcover.c

1.1789 protobuf-java 3.9.0

1.1789.1 Available under license :

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Found in path(s):
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/google/protobuf/struct.proto
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/MapEntry.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/TextFormatParseInfoTree.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/StructuralMessageInfo.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/IntArrayList.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/Service.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/SchemaFactory.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/TextFormatEscaper.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/GeneratedMessageLite.java

* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/ExtensionRegistryFactory.java
*
 /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/FloatArrayList.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/AbstractMessageLite.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/google/protobuf/any.proto
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/AbstractMessage.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/DiscardUnknownFieldsParser.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/google/protobuf/duration.proto
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/MapFieldSchemaFull.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/MessageOrBuilder.java
*
 /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/ProtoSyntax.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/Parser.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/RpcCallback.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/Reader.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/ProtobufArrayList.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/ProtocolMessageEnum.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/MapFieldSchemaLite.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/MapField.java
*
 /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/ArrayDecoders.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/RpcController.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/ByteString.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/UnknownFieldSchema.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/RepeatedFieldBuilderV3.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-

jar/com/google/protobuf/GeneratedMessageV3.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/DescriptorMessageInfoFactory.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/SchemaUtil.java
*
/opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/GeneratedMessageInfoFactory.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/LongArrayList.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/MessageSchema.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/UninitializedMessageException.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/MapFieldSchema.java
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/opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/CodedOutputStream.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/CodedInputStream.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/ByteBufferWriter.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/MessageLiteToString.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/UnmodifiableLazyStringList.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/CodedOutputStreamWriter.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/FieldSet.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/ExtensionRegistryLite.java
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* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/google/protobuf/field_mask.proto
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/google/protobuf/empty.proto
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/Extension.java

* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/ProtocolStringList.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/google/protobuf/compiler/plugin.proto
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/RepeatedFieldBuilder.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/OneofInfo.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/RawMessageInfo.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/UnknownFieldSetLite.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/UnknownFieldSetLiteSchema.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/ListFieldSchema.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/FieldType.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/WireFormat.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/ExtensionSchemas.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/BinaryWriter.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/UnknownFieldSetSchema.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/InvalidProtocolBufferException.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/Internal.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/SmallSortedMap.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/AbstractParser.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/LazyFieldLite.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/ServiceException.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/Descriptors.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/BlockingService.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/MessageReflection.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-

jar/com/google/protobuf/UnsafeByteOperations.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/Protobuf.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/TextFormatParseLocation.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/RpcChannel.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/google/protobuf/api.proto
*
/opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/ExperimentalApi.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/BooleanArrayList.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/DynamicMessage.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/NewInstanceSchemas.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/TextFormat.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/google/protobuf/source_context.proto
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/MessageLite.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/google/protobuf/wrappers.proto
*
/opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/BufferAllocator.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/BinaryReader.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/ExtensionSchemaFull.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/Writer.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/AbstractProtobufList.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/Schema.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/ProtobufLists.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/MessageInfo.java
*
/opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/MessageSetSchema.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/LazyField.java

* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/Utf8.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/PrimitiveNonBoxingCollection.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/BlockingRpcChannel.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/MutabilityOracle.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/RpcUtil.java
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 /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/DoubleArrayList.java
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* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/MapEntryLite.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/CodedInputStreamReader.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/NioByteString.java
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* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/ExtensionLite.java
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* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/NewInstanceSchema.java
*

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* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/MapFieldSchemas.java
* /opt/cola/permits/1445629617_1666119051.0614603/0/protobuf-java-3-9-0-sources-1-jar/com/google/protobuf/SingleFieldBuilder.java
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1.1796 go-errors-errors 1.4.2

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 *
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 *
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1.1802 scala 2.13.10

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```
not-a-legal-formal-parameter-tuple.scala:2: error: not a legal formal parameter.
Note: Tuples cannot be directly destructured in method or function parameters.
     Either create a single parameter accepting the Tuple2,
     or consider a pattern matching anonymous function: `{ case (a, b) => ... }
 val x: ((Int, Int) => Int) = (((a, b)) => a)
                              ^
not-a-legal-formal-parameter-tuple.scala:3: error: not a legal formal parameter.
Note: Tuples cannot be directly destructured in method or function parameters.
     Either create a single parameter accepting the Tuple2,
     or consider a pattern matching anonymous function: `{ case (param1, param2) => ... }
 val y: ((Int, Int, Int) => Int) = (((a, !!)) => a)
                                    ^
not-a-legal-formal-parameter-tuple.scala:4: error: not a legal formal parameter.
Note: Tuples cannot be directly destructured in method or function parameters.
     Either create a single parameter accepting the
 Tuple3,
     or consider a pattern matching anonymous function: `{ case (param1, ..., param3) => ... }
 val z: ((Int, Int, Int) => Int) = (((a, NotAPatternVariableName, c)) => a)
                                    ^
3 errors
```

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* /opt/cola/permits/1495136284_1669989789.32966/0/plexus-container-default-1-0-alpha-30-sources-1-jar/org/codehaus/plexus/component/configurator/converters/composite/MapConverter.java
* /opt/cola/permits/1495136284_1669989789.32966/0/plexus-container-default-1-0-alpha-30-sources-1-jar/org/codehaus/plexus/component/configurator/converters/basic/Converter.java
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* /opt/cola/permits/1495136284_1669989789.32966/0/plexus-container-default-1-0-alpha-30-sources-1-jar/org/codehaus/plexus/component/configurator/converters/basic/UrlConverter.java
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* /opt/cola/permits/1495136284_1669989789.32966/0/plexus-container-default-1-0-alpha-30-sources-1-jar/org/codehaus/plexus/component/configurator/converters/AbstractConfigurationConverter.java
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* /opt/cola/permits/1495136284_1669989789.32966/0/plexus-container-default-1-0-alpha-30-sources-1-jar/org/codehaus/plexus/component/configurator/AbstractComponentConfigurator.java
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* /opt/cola/permits/1495136284_1669989789.32966/0/plexus-container-default-1-0-alpha-30-sources-1-jar/org/codehaus/plexus/component/configurator/converters/basic/StringBufferConverter.java
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1.1811 sisu-inject-plexus 1.4.2

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* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/sonatype/guice/plexus/locators/ClassRealmUtils.java
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* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/component/repository/exception/ComponentRepositoryException.java
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* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/sonatype/guice/plexus/locators/MissingPlexusBean.java
*
 /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/sonatype/guice/plexus/annotations/ConfigurationImpl.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/sonatype/guice/plexus/binders/PlexusBeanBinder.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/sonatype/guice/plexus/binders/PlexusRequirements.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/sonatype/guice/plexus/converters/PlexusXmlBeanConverter.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/sonatype/guice/plexus/binders/PlexusBeanManager.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/sonatype/guice/plexus/converters/PlexusDateTypeConverter.java
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 /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/sonatype/guice/plexus/binders/PlexusBindingModule.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/sonatype/guice/plexus/binders/PlexusConfigurations.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/DefaultPlexusContainer.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/sonatype/guice/plexus/scanners/PlexusXmlMetadata.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/sonatype/guice/plexus/annotations/RequirementImpl.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/sonatype/guice/plexus/binders/OptionalPropertyBinding.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/sonatype/guice/plexus/config/Hints.java
*

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* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/sonatype/guice/plexus/locators/GlobalPlexusBeans.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/sonatype/guice/plexus/config/PlexusBeanMetadata.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/sonatype/guice/plexus/binders/PlexusTypeBinder.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/sonatype/guice/plexus/config/PlexusBean.java
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* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/sonatype/guice/plexus/binders/PlexusXmlBeanModule.java
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* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/sonatype/guice/plexus/config/Roles.java
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* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/sonatype/guice/plexus/locators/RealmPlexusBeans.java
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* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/PlexusLifecycleManager.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/sonatype/guice/plexus/binders/PlexusAnnotatedBeanModule.java
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* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/component/configurator/converters/ConfigurationConverter.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/component/configurator/converters/composite/ArrayConverter.java
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* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/component/configurator/converters/basic/Converter.java
*
 /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/component/configurator/converters/AbstractConfigurationConverter.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/component/configurator/AbstractComponentConfigurator.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/component/configurator/converters/basic/LongConverter.java
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 /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/component/configurator/converters/composite/PropertiesConverter.java
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* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/component/configurator/converters/basic/DateConverter.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/component/configurator/converters/basic/FloatConverter.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/component/configurator/converters/basic/FileConverter.java
*
 /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/component/configurator/converters/basic/EnumConverter.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/component/configurator/converters/basic/DoubleConverter.java

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* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/component/configurator/converters/composite/MapConverter.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/component/configurator/BasicComponentConfigurator.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/component/configurator/converters/basic/CharConverter.java
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 /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/component/configurator/converters/basic/ByteConverter.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/component/configurator/converters/basic/AbstractBasicConverter.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/component/configurator/converters/lookup/DefaultConverterLookup.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/component/configurator/converters/lookup/ConverterLookup.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/component/configurator/converters/basic/StringBufferConverter.java
* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/component/configurator/ComponentConfigurator.java
*
 /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/component/configurator/converters/basic/ShortConverter.java
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* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/component/configurator/expression/DefaultExpressionEvaluator.java
*

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* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/component/MapOrientedComponent.java
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* /opt/cola/permits/1495136341_1669989722.3704987/0/sisu-inject-plexus-1-4-2-sources-1-jar/org/codehaus/plexus/component/configurator/expression/ExpressionEvaluator.java

1.1812 sisu-inject-bean 1.4.2

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* /opt/cola/permits/1495136313_1669989718.8083644/0/sisu-inject-bean-1-4-2-sources-1-jar/javax/inject/Inject.java
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* /opt/cola/permits/1495136313_1669989718.8083644/0/sisu-inject-bean-1-4-2-sources-1-jar/javax/inject/Qualifier.java
* /opt/cola/permits/1495136313_1669989718.8083644/0/sisu-inject-bean-1-4-2-sources-1-jar/javax/inject/Scope.java
* /opt/cola/permits/1495136313_1669989718.8083644/0/sisu-inject-bean-1-4-2-sources-1-jar/javax/inject/package-info.java

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*
 /opt/cola/permits/1495136313_1669989718.8083644/0/sisu-inject-bean-1-4-2-sources-1-jar/org/sonatype/guice/bean/reflect/BundleClassSpace.java
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* /opt/cola/permits/1495136313_1669989718.8083644/0/sisu-inject-bean-1-4-2-sources-1-jar/org/sonatype/guice/bean/reflect/URLClassSpace.java
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* /opt/cola/permits/1495136313_1669989718.8083644/0/sisu-inject-bean-1-4-2-sources-1-jar/org/sonatype/guice/bean/reflect/Streams.java
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* /opt/cola/permits/1495136313_1669989718.8083644/0/sisu-inject-bean-1-4-2-sources-1-jar/org/sonatype/guice/bean/binders/ImportBinder.java
* /opt/cola/permits/1495136313_1669989718.8083644/0/sisu-inject-bean-1-4-2-sources-1-jar/org/sonatype/guice/bean/binders/QualifiedTypeBinder.java
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* /opt/cola/permits/1495136313_1669989718.8083644/0/sisu-inject-bean-1-4-2-sources-1-jar/org/sonatype/guice/bean/binders/SpaceModule.java
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* /opt/cola/permits/1495136313_1669989718.8083644/0/sisu-inject-bean-1-4-2-sources-1-jar/javax/enterprise/inject/package-info.java

1.1813 plexus-velocity 1.1.7

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* /opt/cola/permits/1495136355_1669989686.679583/0/plexus-velocity-1-1-7-sources-1-jar/org/codehaus/plexus/velocity/SiteResourceLoader.java
* /opt/cola/permits/1495136355_1669989686.679583/0/plexus-velocity-1-1-7-sources-1-jar/org/codehaus/plexus/velocity/ContextClassLoaderResourceLoader.java
*
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1.1814 aether-util 1.7

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* /opt/cola/permits/1495136293_1669989806.555852/0/aether-util-1-7-sources-1-jar/org/sonatype/aether/util/version/GenericVersion.java
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1.1815 aether-impl 1.7

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*/

Found in path(s):
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/internal/DefaultDependencyCollectionContext.java
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Found in path(s):
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/LocalRepositoryEvent.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/internal/DataPool.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/internal/ObjectPool.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/VersionRangeResolver.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-

jar/org/sonatype/aether/impl/internal/DefaultMetadataResolver.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/VersionResolver.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/UpdateCheck.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/Deployer.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/internal/DefaultInstaller.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/internal/DefaultServiceLocator.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/internal/PlexusLogger.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/internal/TrackingFileManager.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/internal/DefaultFileProcessor.java
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* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/LocalRepositoryMaintainer.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/MetadataGeneratorFactory.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/internal/SimpleDigest.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/MetadataResolver.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/RemoteRepositoryManager.java
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* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/internal/SimpleLocalRepositoryManager.java
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* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/internal/DependencyNodeInfo.java

* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/internal/GraphEdge.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/internal/Slf4jLogger.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/ArtifactResolver.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/internal/DefaultRepositorySystem.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/ArtifactDescriptorReader.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/UpdateCheckManager.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/internal/EnhancedLocalRepositoryManager.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/internal/ArtifactRequestBuilder.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/DependencyCollector.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/internal/DefaultLocalRepositoryEvent.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/MetadataGenerator.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/Installer.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/internal/DefaultDependencyCollector.java
* /opt/cola/permits/1495136334_1669989736.797658/0/aether-impl-1-7-sources-1-jar/org/sonatype/aether/impl/internal/DefaultRemoteRepositoryManager.java

1.1816 prometheus-client-model 0.2.0

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1.1817 simpleclient-servlet 0.6.0

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1.1818 scala-java8-compat_2.13 1.0.2

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```
Manifest-Version: 1.0
Automatic-Module-Name: scala.compat.java8
Bnd-LastModified: 1635385851336
Bundle-Description: scala-java8-compat
Bundle-License: https://www.apache.org/licenses/LICENSE-2.0;descriptio
n=Apache-2.0
Bundle-ManifestVersion: 2
Bundle-Name: scala-java8-compat
Bundle-SymbolicName: org.scala-lang.modules.scala-java8-compat
Bundle-Vendor: org.scala-lang.modules
Bundle-Version: 1.0.2
Created-By: 1.8.0_312 (Temurin)
Export-Package: scala.compat.java8;version="1.0.2";uses:="scala,scala.
collection,scala.collection.convert,scala.compat.java8.converterImpl,
scala.concurrent,scala.concurrent.duration,scala.jdk,scala.reflect,sc
ala.runtime,scala.runtime.java8",scala.compat.java8.FunctionConverter
s;version="1.0.2";uses:="scala,scala.compat.java8,scala.reflect,scala
.runtime",scala.compat.java8.collectionImpl;version="1.0.2";uses:="sc
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 mpl;version="1.0.2";uses:="scala,scala.collection,scala.collection.co
nvert,scala.jdk,scala.reflect,scala.runtime",scala.compat.java8.funct
ionConverterImpls;version="1.0.2";uses:="scala,scala.reflect,scala.ru
ntime",scala.compat.java8.wrappers;version="1.0.2"
Implementation-Title: scala-java8-compat
Implementation-URL: http://www.scala-lang.org/
Implementation-Vendor: org.scala-lang.modules
```

Implementation-Vendor-Id: org.scala-lang.modules
Implementation-Version: 1.0.2
Import-Package: scala;version="[2.13,3)",scala.collection;version="[2.
13,3)",scala.collection.convert;version="[2.13,3)",scala.collection.m
utable;version="[2.13,3)",scala.compat.java8.collectionImpl;version="
[1.0,2)",scala.compat.java8.converterImpl;version="[1.0,2)",scala.com
pat.java8.functionConverterImpls;version="[1.0,2)",scala.compat.java8
.wrappers;version="[1.0,2)",scala.concurrent;version="[2.13,3)",scala
.concurrent.duration;version="[2.13,3)",scala.concurrent.impl;version
="[2.13,3)",scala.jdk;version="[2.13,3)",scala.jdk.javaapi;version="[
 2.13,3)",scala.reflect;version="[2.13,3)",scala.runtime;version="[2.1
3,3)",scala.runtime.java8;version="[2.13,3)",scala.util;version="[2.1
3,3)"
Private-Package: scala.concurrent.java8
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"
Specification-Title: scala-java8-compat
Specification-Vendor: org.scala-lang.modules
Specification-Version: 1.0.2
Tool: Bnd-5.1.2.202007211702

Found in path(s):
* /opt/cola/permits/1501589067_1670483251.2627988/0/scala-java8-compat-2-13-1-0-2-2-jar/META-INF/MANIFEST.MF

1.1819 http2-http-client-transport 9.4.28.v20200408

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

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* org.eclipse.jetty.orbit:javax.mail.glassfish

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
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module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
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http://openjdk.java.net/legal/gplv2+ce.html

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terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

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The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from
following Apache Tomcat jars, all ASL2
licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.1820 org.sat4j.pb_2.3.5.v201404071733 4.8.0

1.1820.1 Available under license :

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Found in path(s):
* /opt/cola/permits/1502714925_1682630688.4903357/0/org-sat4j-core-2-3-5-v201308161310-4-8-0-jar/plugin.properties
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Found in path(s):
* /opt/cola/permits/1502714925_1682630688.4903357/0/org-sat4j-core-2-3-5-v201308161310-4-8-0-jar/about.html
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*
* Based on the original MiniSat specification from:
*
* An extensible SAT solver. Niklas Een and Niklas Sorensson. Proceedings of the
* Sixth International Conference on Theory and Applications of Satisfiability
* Testing, LNCS 2919, pp 502-518, 2003.
*
* See www.minisat.se for the original solver in C++.
*
***/
</pre>
</body>

Found in path(s):
* /opt/cola/permits/1502714925_1682630688.4903357/0/org-sat4j-core-2-3-5-v201308161310-4-8-0-jar/overview.html
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/opt/cola/permits/1502714925_1682630688.4903357/0/org-sat4j-core-2-3-5-v201308161310-4-8-0-jar/org/sat4j/AbstractLauncher.class: binary file matches

Found in path(s):
* /bin/grep

1.1821 jetty-alpn-openjdk8-server 9.4.28.v20200408

1.1821.1 Available under license :

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2
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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.1822 org.sat4j.core_2.3.5.v201308161310 4.8.0

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*
* Based on the original MiniSat specification from:
*
* An extensible SAT solver. Niklas Een and Niklas Sorensson. Proceedings of the
* Sixth International Conference on Theory and Applications of Satisfiability
* Testing, LNCS 2919, pp 502-518, 2003.
*
* See www.minisat.se for the original solver in C++.
*
**********/
</pre>
</body>

Found in path(s):
* /opt/cola/permits/1502714877_1682630854.3896046/0/org-sat4j-core-2-3-5-v201308161310-4-8-0-jar/overview.html
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/opt/cola/permits/1502714877_1682630854.3896046/0/org-sat4j-core-2-3-5-v201308161310-4-8-0-jar/org/sat4j/AbstractLauncher.class: binary file matches

Found in path(s):
* /bin/grep

1.1823 jetty-alpn-openjdk8-client 9.4.28.v20200408

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same "printed page" as the copyright notice for easier
identification within third-party archives.

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Eclipse

The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
artifacts may be included in the distribution or downloaded when ALPN
module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

OW2

The following artifacts are licensed by the OW2 Foundation according to the
terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

1.1824 llvm 21.05.0

1.1824.1 Available under license :

JUnit

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f'XiPHf'hiPpf'xiPf'iPf'iP_'iP+_'iP;_'iPP_'iP_'iPt_'iP_'jP_'jP_'(jP_'8jP_'HjP_'XjP_'hjP`'xjP`'jP4`'jPH`'jP^`'jPl`'jP`'jP`'j
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P`eRD)heR PeR6%eR*PeR-%eR`PeR7%eR PfR& fR P@fRo(HfR`-PhfR%pfRPfR%fR
PfR%fR`PfRr%fRPgR%gR P8gR%@gR-P`gR%hgR ,PgR&gR PgR%gRPgRd%gR -PhR%hR-P8hR%@hR
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RJg'`R0hR@hpRlxRlRoRpxRyRRRRR@RCRCR2RFRBR0CRpCR^R`IRI RE(R@a0R
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QR(RPR(R PR) R`P@Rp)HR PxR
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QR(R QR)R`PR,(RP(R(0R PXR(`RQR)R`PR(RPR63%RP
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QhRpR@zR2(R`QR8(R`QR(RP@RO(HRQxRk(RPRp(RQRa(RPRe(RP8Rv)@R`P`R(hRPR QRR`R`P@RHR
`R@9SR`PRR R@:SR(' R`P@R)HRPxR)R`QR)R`PR)R`PR)R Q@R)HR`
PpR)xRQR4%R PR)R`PR)RQ8R&)@R`QhRQRPR RQ(R0RxRa)RQR)R`PR$)R`PR>)R`PR2)
R`P@Rk)HR`PxR)R`QRa)RQRF)R`PR)RQ8R)@RQ`R)hRQR QRRR QHRPRRPRpR`;SR) R`PHR QR RR QR
RXR)`RQR)R QR)R`
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PR=)R PRI)R`PRe) R P@Rr)HR PxR)R`PR(R PR`
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P`RhR R) RQXRx(`R`PR)RQR`QRR(R`Q`RhRRPR2R@(RPPR2RPR28R)@R Q`R)hR
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QPRR[)RQR)R`PR )R`P(R`Q`RhRR PRPR8R&@RP`Rno(hR QRb)RPR)R PRQ(R 0RpxR)RPR
RPR`#R#R#RP#R)R)R#R#R#R`#RPl R (RP0R`#8R#@R#HRP#PR)`R)pR#xR#R#R`#RPlRplRnR nR R"RN RM
RPM R~RL RL R`RR R0t(Rb 0RD 8RD @RHR= PR> XR`l`RRhRP<!pRA xR@B RplRnR nR R"RN RM RPM
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R`RRR0tRb RD RD RR= R> R`l R R(RP<!0RA 8R@B PRplXRn`R nhR pR"xRN RM RPM R~RL
RL R`RRR0tRb RD RD RR= R> R`lR RRP<!RA R@B 0Rpl8Rn@R nHR"PR XRN `RM hRPM pR~xRL RL
R`RRR0tRb RD RD RR= R> R`lRRRP<!RA R@B RplRn R n(R"0R 8RN @RM HRPM PR~XRL `RL
hR`pRxRR0tRb RD RD RR= R> R`lRRRP<!RA R@B RplRnR nR"R RN RM (RPM 0R~8RL @RL
HR`PRXR`R0thRb pRD xRD RR= R> R`lR RRP<!RA R@B RplRnR nR"R"RN RM RPM R~RL RL
(R`0R8R@R0tHRb PRD XRD `RhR= pR> xR`lRRRP<!RA R@B RplRnR nR"R"RN RM RPM R~RL RL R`RR
R0t(Rb 0RD 8RD @RHR= PR> XR`l`RRhRP<!pRA xR@B RplRnR nR"R"RN RM RPM R~RL RL R`RRR0tRb
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XR#`RShRP<!pRA xR@B R #R#RP#R"R RN RM RPM RK RL RL RR Rl RpY Rb RD RD R(R= 0R>
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XS#`SShSP<!pSA xS@B SS SP0 S: S , S8 Sh6)Sm6)S< S< S0= S0#S= S& SP@S)HS PhShf)pS PS)S PSD)S
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PpSME)xS PSYE)S PSaE)S PS(S`
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Mf@Mn`MuMHttE]MUA3A3XA3HA3PL<LDLDLT(AAYAIAQM@MIIILT$(uHl$8E]MU.fM9Hl$@fAAX
AHAPL<LDHl$@LD$LT$(3E3]3M3ULILT$(Hl$@AAYAIAQM@MIuLd$8LUL]M$M\$LUL]LT$@L\$HfA
AXAHAPL<LDLDLT(3D$@3\$D3L$H3T$LMM`It(L\$@Ld$HAAYAIAQM@MILT$(H|$8LLgAAYAIAQ
$@H|$PQH1H@Hl$HLiI)IIL)HHl$LD$8LLIIIIAL<$IHDMHL)H%M4HIE]MUtA3A3XA3HA3PL<LDLL$
LT$(LD$LL$
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G|B|B 2+H2+HpplZrNlZrN8V8V==6-9'6-9'
d
dh\!h\![T[T$6.:$6.:
g
gWWOOa a ZwKiZwKi

**<"C<"C

--WWuLuL``&&\r\rDf;Df;[~4[~4C)vC)v##hhcc11BcBc"@"@ J$}J$}==22)m)m/K/K00
R
Rww+l+lppHHGd"Gd"??V},V},"3"3ININ8866z(z(&&??,:,:Px
Px
j_j_T~FbT~Fb.9^.9^]]i|i|o-o-%%;;}}cncn;{;{&x &x nYnYOOnene~~!!Jo6Jo6
)|)|11*?#1*?#1005f5ftN7tN733JJAAPP//vMvMCMCMMTMTLjLj,,FeQFeQ^^5]5]tstsA.A.gZgZRRV3V3mGmGa
a7z7zYY<<"a5a5zG<zG<YYUs?Us?yys7s7SS_[_[=o=oxDxDh>h>8$4,8$4,@_@_rr%%(<I(<I
A
A9q9qdVdV{a{a2p2pHl\tHl\tWBWBR j068@|9/4CDT{2#=LBN.f($v[Im%rdh\]elpHP^FW
XE,?k:AOgst"57unGq)obV>Ky
 xZ31Y'_`QJ
-z;M*<Sa+~w&icU!}R j068@|9/4CDT{2#=LBN.f($v[Im%rdh\]elpHP^FW
XE,?k:AOgst"57unGq)obV>Ky xZ31Y'_`QJ
-z;M*<Sa+~w&icU!}R j068@|9/4CDT{2#=LBN.f($v[Im%rdh\]elpHP^FW
XE,?k:AOgst"57unGq)obV>Ky xZ31Y'_`QJ
-z;M*<Sa+~w&icU!}R j068@|9/4CDT{2#=LBN.f($v[Im%rdh\]elpHP^FW
XE,?k:AOgst"57unGq)obV>Ky xZ31Y'_`QJ
-z;M*<Sa+~w&icU!}AES for x86_64, CRYPTOGAMS by
<appro@openssl.org>fffff.H5~MD$P\HH5^MD$PHH5>MD$PHtFfDHGAWAVAUATIUSHHHHHHIMLAHAH
9HMpJHIIHHIpHT$(MIHD$ HD$0HD$HH|IHLLLL$~D$HtDAoLIf)D$0AIVLL$IOIwI3 IOI3qMIwH;T$
uLt$(IOT5IAoEAoEHH[]A\A]A^A_DfDH9HMpbHIIHH<HT$IMH|$IHD$LL~D$HLAoDLLD$IfAGIGI3IOL
D$IGI3NIPMIOL;|$uLt$ILMoEAoEHH[]A\A]A^A_f.HM8IHI@IpHL|HLH<H|$
H|$0H|$AoELIH|$H)D$0Lt$8fI~L1L1HD$0Ht$8H~D$LD$L|$LtfD0CL;l$
fH~)D$0Ht$8uL}HMHEHuHH[]A\A]A^A_@HIIpIHMxHHL$L|$H<H|$
H|$0H|$M}MuLH|$IHL1L1Ht$8HHD$0(~D$LDLtL|fD0CH;\$
 fH~)D$0Ht$8uHEHuHML}wMZL.H5!H=z0`H5 H=2/HH5H=10AWAVIAUATUSHHHL$$ HI H MLHM4HHMa
L4HDPL}6HAA2HEy0AI1LkEY3EQ4U8EI5@|$}7Ll$XIDE=Iu?H\$PMLl$`L$@|$
}9LtHLtpLlHlhLt$8@|$(}:@|$6};@|$7}<@|$@}>Dt$@D$@@H,$HH$L(HhLE11D|$p1D$@T$xL$qLHT$
H1LHD$rA1LH D\$sA1LH(DT$tA1LH0DL$uH2D$LH8D$vH2D$ HHD$wH2D$(D$yH2D$6HHD$zHHH
2D$7A1HH(Dt$|A1HH0D${DD$}1HH8@|$~H|$81@t$HD;KE2<$CD[DSDKSs
D;A2L$KA2D$CE2\$D$@D[E2T$DSE2L$DKA2T$ST$SA2T$ST$ SA2T$SA2t$ @t$(@s s

DsA2t$
DC
{H$@s
@t$6sA2t$@sE2t$@t$7sDsE2D$
DC
A2|$@{A2t$H;DHLHLd@sHl$hH\$PLd$XH\$`}EDuuIMUID}D]@<$}DUDMDELd$@D$7@|$6}@|$(}@|
$ }@|$}fL+LcLE1E1Dt$pD|$x1D$7@t$qLH1HL$rLH1T$sLH
1HTDtLH(2DuLH02D$6D$vLH82D$(D$wL2D$ D$yLH2D$D$zLHA1LH
D\${A1LH(DT$|A1LH0DL$}A1LH8DD$~1@|$H|$8;D3sD2uKSC{D{D3@2u@s2MK2UHS2EC@2}D$7@{@<
${@2}@{@|$6{@2}@{D2}@|$({D{@2} D[DSDKDC@{@|$ {@2}
@{D2]@|${D[D2UDSD2M
DKD2EDC@2}LLHl$@{H;\$@
H[]A\A]A^A_HMavHLl$
LHA1LHCLL$(LLd$MHD$HM4H$HHDIHA2uH@3Au@2r@sAu@2r@sAu@2r@sAu@2r@sAu@2r@sAu@
2r@sAu@2r@sAu@2r@sAu @2r @s Au
@2r
@s
Au@2r@sAu@2r@sAu
@2r
@s
Au@2r@sAu@2rL@sHe3H{@2u@3U0SU0SU0SU0SU0SU0SU0SU 0S U
0S
U0SU0SU
0S
U0SUL0SIHAoEM9)Ll
 HHl(LdLtLIHE Lm0U HL)Ld$Ho0HHP0SP0SP0SP0SP0SP0SP0SP 0S P
)D$p0S
P0SP0SP
0S
P0SL@0C
A2UAE0CAE0CAE0CAE0CAE0CAE0CAE0CAE 0C AE
0C
AE0CAE0CAE
0C
AE0CAEM0CH9HfoD$p)$H5H=YH5H=H5H=H:H5^MQEHHL
=MEMIHHL
5MEJHr
NHSUATAUAVAWH0HHD$Do&HvxHPT$1OLG9LgOoWL$
LNOLO9LoOo_L$$LNOL9LwOogL$(LNO8L_(9L0Ooo@L$,LNNfAFfAFxfAAo0fAAo9fEofEofAfAfDoT$
H1ffffff.ffffff.HHl$H)f8ALALf8ALALf8f8N;L$
f8f8f8LMLOf8F;L$$f8f8f8LMLOf8N;L$(f8f8f8LMLOf8F;L$,f8f8f8LMLOf8NfEof8ALALf8ALALf8f8FfEf8fEf
Doff8fEfDT$
f8f8Nf8f8f8f8F(rif8f8f8f8N8f8f8f8f8FHt7f8f8f8f8NXf8f8f8f8FhDf8f8f8f8Ao4oNf8Ao<fAf8EofAf8EofEf8oFfEA
TfA\fAdfAAlfAHD$T$HLxLpLhL`HhHXH fff.ffffff.r
}N
HSUATAUAVAWH0HHD$Do&HvxHPT$1OLG9LgOowL$
LNOLO9LoOoL$$LNOL9LwODoGL$(LNO8L_(9L0ODoO@L$,LNNFFxAoAofAAo"fAAo+fAfAfDoT$
H1ffffff.HHl$H)f8ALALf8ALALf8f8N;L$

f8f8f8LMLOf8F;L$$f8f8f8LMLOf8N;L$(f8f8f8LMLOf8F;L$,f8f8f8LMLOf8NfEof8ALALf8ALALf8f8FfEf8fEf
Doff8fEfDT$
f8f8Nf8f8f8f8F(rif8f8f8f8N8f8f8f8f8FHt7f8f8f8f8NXf8f8f8f8FhDf8f8f8fff8oNfDfDoFf8f8AotAo|fA8fA8EoDEoL
ATAoA\AofAAdAo$fAAlAo,fAfAHD$T$HLxLpLhL`HhHXH
fffff.ffffff.HSUATAUAVAWHHHD$wzo>HvxH1pL`9HhOoxL$
LNL)H\$@OLO9HoOo_L$$LNL)Hl$HOLW9HoOogL$(LNL)Hl$POL_9HoOooL$,LNL)Hl$XOL'9HoOowL$0L
NL)Hl$`O8Lo(9Ho0Oo@L$4LNL)Hl$hO`LwP9HoXOzoGhL$8LNL)Hl$pLx9HOzoL$<LNL)Hl$xhNFFxAH$AA
"A+iA$aA]YA&QA/IAA9A1ff.i;L$
aAHYQILMIHOAL)b9APH\$@b1NMDzUi;L$$H\$HaAIYQILMIHOAL)b9AYH\$Hb1FMLz]i;L$(H\$PaAJYAH
QILMIHOAL)b9AbH\$Pb1NMTze
i;L$,H\$XaAKYAIQILMIHOAL)b9AkH\$Xb1FM\zm0i;L$0H\$`aAL$YAJQILMIHOAL)b9AT$H\$`b1NMdi;L$4
H\$haAMYAKQJ+LMIHOAL)b9A]H\$hb1FMli;L$8H\$paANYAL$QILMIHOAL)b9AfH\$pb1NMti;L$<H\$xaA
OYAMQILMIHOAL)b9AoH\$xb1F(M|zot$
ANAOiaYQIAb9b1N8iaYQIAb9b1FHtZiaYQIAb9b1NXiaYQIAb9b1FhiAaYA fQIAzot$0AH\$@b9b1Niy|$
AaYA fQIA zo~Ab9yt$0b1FxPI)UxYL+L$H]xbL+T$Pe
xkL+\$Xm0xt$L+d$`Ix}L+l$hAAxFL+t$pA9AxOL+|$xA1HD$wLxLpLhL`HhHXH
fffffff.HSUATAUAVAWHHHHD$wzo>HvxH1pL`9HhOoxL$
LNL)H\$@$OLO9HoOo_L$$LNL)HlHOLW9HoOogL$(LNL)Hl$P$OL_9HoOooL$,LNL)HlXOL'9HoOowL
$0LNL)Hl$`$O8Lo(9Ho0Oo@L$4LNL)Hl$h$O`LwP9HoXOzoGhL$8LNL)Hl$pz$
Lx9HOzoL$<LNL)Hl$xz$0!NFFxH$@zozozo"zo+zo4$zo}AzoAzoUi]ae Ym0Qu@I}PAzE`A9zMpA1H
f.i;L$
aAHYQILMIHOAL)b9AzoPH\$@b1NMDz$i;L$$H\$HaAIYQILMIHOAL)b9AzoYH\$Hb1FMLz$i;L$(H\$PaAJ
YAHQILMIHOAL)b9AzobH\$Pb1NMTz$i;L$,H\$XaAKYAIQILMIHOAL)b9AzokH\$Xb1FM\z$i;L$0H\$`aAL$
YAJQILMIHOAL)b9AzoT$H\$`b1NMdi;L$4H\$haAMYAKQJ+LMIHOAL)b9Azo]H\$hb1FMli;L$8H\$paANYA
L$QILMIHOAL)b9AzofH\$pb1NMti;L$<H\$xaAOYAMQILMIHOAL)b9AzooH\$xb1F(M|zot$
ANAOiaYQIAb9b1N8iaYQIAb9b1FHtZiaYQIAb9b1NXiaYQIAb9b1FhiAaYA fQIAzot$0AH\$@b9b1Niy|$
AaUY]A fQe Im0A zo~Au@b9}Pyt$0b19E`FxPI)o$1MpxYL+L$HUio$xbL+T$P]ao$xkL+\$Xe
YoxtL+d$`m0QzU@x}L+l$hz]PAxFL+t$pze`AAxOL+|$xzmpAHHD$wLxLpLhL`HhHXH DiNLiNI=#AA@E
APDLT$SUATAUAVAWHd$IIILypAoLD$XIM)EML}"AAYAIAQAi1!fAo[@fEo+Ao"AojAor
Aoz0f8f8f8I@fAf8fAfAf$$fAfl$fAft$ fAEAG
ffff.E4$EWAWAOf8fDp1fDofD,$fDl1fAs!1fDfD1T$fE1fDl$0AGf8!fAo1fEo1fsfEL$fAr1fDo!1frfE1\$AOf8fArf
D1fAo!fE1fDp1fEofAD$fDl1fAs!1fDAGf8fD1l$fE1f$!fEo1fEo1fAsfET$fAr1AOf8fAo!1fArfE1L$frfE1fEoc!fD1
fDp1fAofE\$
Af8fDl1fs!1fDfA1D$$fD1fDd$!fEo1AOf8fAo1fAsfEl$(fr1fEo!1fArfD1T$,fArfE1fEokAG
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!fAo1fEo1fsfED$8fAr1fDo!1frAr*AG@f8AOPf8tAG`f8AOpf8f8AGfE1l$<fArfD1fAo[!fEfEp1fA1$fEl1fEt$EWC
,AWAOf8!fDo1fAfA1L$fDo1f\$0!1frfAr1\$AGf8fA1fAp!1D$11fAl$AOf81flf1fEofDfT$1fo1fD$$L$fr1frAGf81f\
$fDp11fAD$ 1fDlf1fAo[fDfAl$$AOf81fDo1fDlT(fr1fAr1fAL$,fDp1Af81fA\$01fDlfA1fDoffAD$41fDo1f\$
l$8AOf8fr1fAr1fAT$<fp11fD$1flfEAG
f81fEofDfD\$1fAo1fDd$0D$fAr1fr1fDl$AO0f8fDp11fDT$1fElfE1fAofEfEL$1fEoAr*AG@f8AOPf8tAG`f8AOpf
8f8AG1fD,$\$fAr1fAr1fED$fEp111fDl$ Et$
EWCT%AWAOf8!1fEl1fEfDo1fA1fET$$!1fEo1f\$AGf81fAr1fArL$(!1fE1fAp11\$,!1AOf8111fDD$0!1fAl1fDfE
ok01fE1fDl$4AGf8!1fAo1fDd$
1fAr1frT$8!1fD1fEpAOf811L$<!1111fA$!1Af8fEl1ffAo1fE1fAD$!1fDo1fDl$01fr1fArl$AOf8!1fA1fEp11T$!11
AG
f811fAL$!1fDl1ffDo1f1fA\$!1AO0f8fDo1f$1fr1fArD$!1fA1fp11l$Ar*AG@f8AOPf8tAG`f8AOpf8f8AG!1111fA
T$!1fl1fEt$0EWCT%
AWAOf8fEo1fD1fL$$!1fo1fDd$1fr1fr\$(!1fAGf81fDp11D$,!111fAl$0AOf81fDlfA1fAofDfAT$41fDo1fDl$

L$8fr1fArAGf81fA\$<11$1f1f\$0l$AOf811T$11L$1Af81M9fAo[@fEo+Ao"AojAor
Aoz0f8I@\$1f81fAD$1f$$1fAl$AOf811T$11L$ 1f8AG f81fA\$$1fl$1fAD$(11l$,AO0f811T$01f81fAL$41ft$
Ar*AG@f8AOPf8tAG`f8AOpf8f8AG1fA\$811D$<1CT%0Md$@AAqAIAQAAiAqAIAQ1Ai!\$11D$11l$AOf81
1T$11L$ 1AG
f81\$$11D$(11l$,AO0f811T$011L$41Ar*AG@f8AOPf8tAG`f8AOpf8f8AG1\$811D$<1CT%0LD$XAAqAIAAQ
AqAiAIAQAiAHt$hL>LvLnLfHn H^(Hf0ffffff.LT$SUATAUAVAWHd$wIIILypAzo
LD$XIM)EMLAAYAIAQAi1!yos@AyozozoJzoR zoZ0yI@qiayqi$$lt
AxAxwffffff.Azo,$AABAx1q,$)1s!191T$Y1yL$0BAxw!r11sL$1Y9r!11rY1\$BAxY1!11iD$)1s!19BAxw1l$Q1y$
!r11sT$1Q9rBAx!11rQ1L$Q1AyoS!11a\$ BAx7)1s!191D$$I1yL$!r1BAx1sl$(1I9r!11rI1T$,I1BAxw
!11YL$0)1s!191\$4BAx0A1yL$
!r11sD$81A9r!11rAAr.BAxw@BAxPtBAxw`BAxpBAxAxw1l$<A1!1cA1$1)AzolAx,ABAx!y11ryL$0L$1r!11\
$BAxwy1!1D$11cyl$BAx11)qT$1ry$1rL$1BAxw1q\$11cqD$ 11)AyoS
il$$BAx1ryL$1rT$(11iL$,1BAx71ci\$011)aD$41ryL$ 1rl$8BAx11aT$<11ca$1BAxw
1)Y\$1ryL$01rD$11Yl$BAx011cYT$11)QL$1ry$Ar.BAxw@BAxPtBAxw`BAxpBAxAxw1r\$11QD$111cQl$
Azol$ Axd%ABAx!11)I11T$$ryL$!1r1BAxw11L$(!I1111\$,!1BAx111cID$0!11)AyoS0A11l$4BAxwryL$
!1r111T$8!A11BAx11L$<!1111cA$!1BAx71)y11D$ryL$0!1r111l$BAx!y1111T$!11BAxw
11cyL$!11)q11\$ry$!1BAx0r111D$!q1111l$Ar.BAxw@BAxPtBAxw`BAxpBAxAxw!1111cqT$!11)Azol$0Axd%
ABAxi11L$$ryL$!1r111\$(!i1BAxw111D$,!111cil$0BAx11)aT$41ryL$
1rL$81BAxw1a\$<11$)1yL$01l$BAx11T$11L$1BAx71M9AyoK@AyozozoJzoR
zoZ0yI@\$1qAy1yD11l$BAx11T$11L$ 1iAqBAxw 1yD$\$$11D$(11l$,BAx011T$01aAi1yD$
L$41Ar.BAxw@BAxPtBAxw`BAxpBAxAxw1\$811D$<1xd%0Md$@AAqAIAQAAiAqAIAQ1Ai!z\$11D$11l$B
Ax11T$11L$ 1BAxw
1\$$11D$(11l$,BAx011T$011L$41Ar.BAxw@BAxPtBAxw`BAxpBAxAxw1\$811D$<1xd%0LD$XAAqAIAAQ
AqAiAIAQAiAx wHt$hL>LvLnLfHn H^(Hf0ffffff.yZyZyZyZnnnnbbbb

AESNI-CBC+SHA1 stitch for x86_64, CRYPTOGAMS by
<appro@openssl.org>ffff.ffffff.LT$EofEnIfo=xDH)D9AAHIpfEpfEpD7EWAWIf8AofEof8AobfEoAf8f8fDAoj
MR@fAIf8fAfEof8E:D8Af88AorfEof8If8E:D8f8f8fEoE:D8If88f8A
f8fEoE:D8I0f88f8Ar&A@f8IPf8tA`f8Ipf8f8AfEoE:D8DwEW>AWIf88f8Af8fEoE:D8If88f8Af8fEoE:D8If88f8f8f
EoE:D8If88f8A
f8fEoE:D8I0f88f8Ar&A@f8IPf8tA`f8Ipf8f8AfEoE:D8Dw
EWT>AWIf88f8Af8fEoE:D8If88f8Af8fEoE:D8If88f8f8fEoE:D8If88f8A
f8fEoE:D8I0f88f8Ar&A@f8IPf8tA`f8Ipf8f8AfEoE:D8Dw0EWT>
AWIf88f8Af8fEoE:D8If88f8Af8fEoE:D88fIf8fEoE:D88f8fAofEoE:D8If8fEoE:D8A
f8I0f8Ar&A@f8IPf8tA`f8Ipf8f8AHfET>0H@GfEpfEpAEfE~IL@NHt?AMSI=\$MI
AA1Ht/BD7q/BD7q[V9Y?^[V9Y?^[1$}U[1$}Ut]rtt]rtiGiGo,-tJ\vo,-tJ\vRQ>m1'YRQ>m1'YGQcg))GQcg))
'8!.m,M
8S
'8!.m,M
8STs
e
jv.,rTs
e
jv.,rKfpKQlKfpKQl$5pj$5pjl7LwH'4l7LwH'49JNO[o.h9JNO[o.htocxxtocxxlPxqlPxq

AESNI-CBC+SHA256 stitch for x86_64, CRYPTOGAMS by
<appro@openssl.org>f.LT$HSUATAUAVAWHHHH)I)HHt$HHTPLD`LLhLTpHD$xwIHL-DwpMLAzoI
AA_AOAWEGEOEWE_yotyolyod zoWfDo=zo&zoL&zoT& zo\&0yH-aqieam u@}`$$Alt
1|$0Eff.HAzo$Ld$@qADaEE1xA E1rAA1E!A1zoWE1D$AxAE1A1AED!x
A1E1Dr
AAAExAEEA1A E1AE1A!A1A1sDT$DAE11AEA!x
E1Er
A1DxAEAEAEAA1A E1sAE1A!B1zoWA1DL$EAE1uE1AED!E1ED1DAAAEAEAA1A
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E1DD1Ar
AEAxADAE1A A1AA1E!B1zoWE1sL$AA1D1ADA!x
A1Dr
E1AxADEAADEE1A A1sAA1E!B1zoWE1\$AAA1u
A1ADD!A1D1AAEAADEE1A E1AA1E!B1zoWE1D$AE11ADA!A1DA1AADEAt$aADqEE1xA
E1rAA1E!B1zoE1D\$ AxAE1A1AED!x
A1E1Dr
AAAExAEEA1A E1AE1A!B1zoWA1sDT$$DAE11AEA!x
E1Er
A1DxAEAEAEAA1A E1sAE1A!B1zoW A1DL$(EAE1u@E1AED!E1ED1DAAAEAEAA1A
A1AE1A!B1B1zoW0A1DD$,DAA1D1AEA!E1EE1DAEAEt$ yAEiAA1xA
A1rAE1A!A!B1zoW@A1T$0ExAA1E1ADD!x
E1DD1Ar
AEAxADAE1A A1AA1E!B1B1zoWPE1sL$4AA1D1ADA!x
A1Dr
E1AxADEAADEE1A A1sAA1E!A!B1zoW`E1\$8AAA1u`A1ADD!A1D1AAEAADEE1A
E1AA1E!A9B1zoWE1D$<AE11ADA!A1DA1AADEAt$0Ld$@A!L|$HA9z'MdAzoLd$@ADEE1A
E1AA1E!A1zoWE1D$AAE1A1AED!A1E1DAAAEAEEA1A
E1AE1A!A1A1DT$DAE11AEA!E1EA1DAEAEAEAA1A
E1AE1A!B1zoWA1DL$EAE1E1AED!E1ED1DAAAEAEAA1A
A1AE1A!B1zoWA1DD$DAA1D1AEA!E1EE1DAEAEAEAA1A
A1AE1A!B1zoWA1T$EAA1E1ADD!E1DD1AAEAADAE1A
A1AA1E!B1zoWE1L$AA1D1ADA!A1DE1AADEAADEE1A
A1AA1E!B1zoWE1\$AAA1A1ADD!A1D1AAEAADEE1A
E1AA1E!B1zoWE1D$AE11ADA!A1DA1AADEAADEE1A E1AA1E!B1zoE1D\$
AAE1A1AED!A1E1DAAAEAEEA1A E1AE1A!B1zoWA1DT$$DAE11AEA!E1EA1DAEAEAEAA1A
E1AE1A!B1zoW A1DL$(EAE1E1AED!E1ED1DAAAEAEAA1A
A1AE1A!B1B1zoW0A1DD$,DAA1D1AEA!E1EE1DAEAEAEAA1A
A1AE1A!A!B1zoW@A1T$0EAA1E1ADD!E1DD1AAEAADAE1A
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fDfEfEfEfDofDofDfDfEofEfEfAfEfEfEfDofAfEofEfDofDfDofDfDfDfEfEfEfAfEofEfEfDofEofEfEfEofEfDfEfEf
EofDfEfEfDfEfEfEfEfDofofEofEfDffAfAffAfDffEfEfEofEofEfEfEfDfDffAfAfEfAfAffEfAfAfAfffDofofEffEofE
ofEfEfEfEfDfDfAfAfEfEfAfDfEfAfEfEfEofEfDffAfAffAfAfEffffffffAffffAfAfApNfDpNfAfDpNfDfDpNfDfDp
NfDfDpNfDfEfAfDpNfDffAfDpNfDfAfAfDfAfAfAfAfAfAfAfAfAfAfAfApfDpfDfDpfAfDpfAfDpfAfDpfAfDpfAfDpfA
fAfEffDfEpNfDfpNfDfDfDfAfDfpNfDfDpNfDfpNfDfpNfDfpNfDfpNfAfpNfEfDfAfDfofAfAofAofofAofAo{fAo{fDfA
o;fEoCfDofsfDofsfffffsffsfAfAfDofsfEofAsffDffDffsfAfAsfAfEfAo{
fDofsfDofsfffAfAffsffsfAfAfDofsfEofAsffDfAfEffsfAfAsfAfEfDofsfDofsfffffsffsfAfAfDofsfEofAsffDffDffsfAf
AsfAfEfo8fffffffDffDLo9HIfAofAoKfAoS
fAo[0fAoc@fvo1f8H@Affffff.f8fDofDofDfDfDofDtfsfDofDtfsfDfDfDofDtfsfDofDtfsfDofDofDfDfDfDfDtfsfD
HfDtfsHIfDfDfDP
fDtfsfDX0fDtfso1fDfDfD`@fDhPfDp`fDxpHAfAo{PAfHYHUSATAUAVAWHd$HIIIILIHH`H)HLA@f<$f0f<$
Do3IEo<AoDAoL$ AoT$0Ao\$@Aod$PHAol$`AAot$pfDu fD} Ao<$EoD$fEoL$
fAEoT$0fAEo\$@fAEod$PfAEol$`fAEot$pfAE}M$AEAm A]0AM@AuPAU`AepMIIEo<$HAIAoD$|AoL$
IAoT$0Ao\$@I-Aod$PAol$`fDu fD} Ao<$EoD$fEoL$ fAEoT$0fAEo\$@fAEod$PfAEot$`fAE}AEAm
A]0AM@AuPAU`fff.fDu %fD} Ao<EoDfEoL$ fAEoT$0fAEo\$@fAEot$PfAE}AEAm A]0AM@AuPvDfDu
fD} Ao<EoDfEoL$ fAEoT$0fAEot$@fAE}AEAm A]0AM@fDu 5fD} Ao<EoDfEoL$ fAEot$0fAE}AEAm
A]0ffDu fD} Ao<EoDfEot$ fAE}AEAm _fffff.fDu fD} Ao<EotfE}AE!I<$Hu IfDu EufEoD3H$fff@H@
H9wHExLxLpLhL`HXHhH ffffff.HUSATAUAVAWHd$HAoIIIIfE HHH`H)HLAff8fDo$LfDo}
fAo{fD8fD8fD$DfD} fAofAofAfAofAKfAofAS
fAofA[0fAofAc@fAofAkPfAs`fDoHDfAo{fEfAfAfAfD8f8fAfAf8f8fAfAf8f8f8f8LUAIAo<EoDEoL$
EoT$0Eo\$@Eod$PEol$`EotpMfAfDo} fAA}fAAEfAA]
fAAm0fAAU@fAAuPfAAM`L%AepMfE{p|IAo<$fDE}IEoD$fAAEEoL$
fAA] IEoT$0fAAm0Eo\$@fAAU@IriEod$PfAAuPtUEol$`fAAM`ADH}
Hu0IAoMdE,fE0AEMmD$,IuH$fff@H@ H9wHExLxLpLhL`HXHhH fHUSATAUAVAWHd$HIIIII9Hu
IALHH`H)HLAKff8IHfou fEfDo%fDfICfEpfEfDof4$ffEfDffAfEpfEfoft$ffEfDffAAo<$fEpfEfoft$
ffEfDffAEoD$fDfEpfEfoft$0ffEfDffAEoL$
fAfEpfEfoft$@ffEfDffAEoT$0fAfEpfEfoft$PffEfDffAEo\$@fAfEpfEfoft$`ffEfDffAEod$PfAEol$`fAEot$pMft
pfAH$fAAfD<$fD$E}f\$ AEfl$0A]
fT$@Am0ft$PAU@fL$`AuPfd$pAM`AepMfot$pfEfDo%fDffEpfEffEfDffAIIhfEpfEfDof4$ffEfDffAfEpfEfoft$ff
EfDffAAo<$IfEpfEfoft$ ffEfDffAEoD$I JfDfEpfEfoft$0ffEfDffAEoL$
I0fAfEpfEfoft$@ffEfDffAEoT$0I@fAfEpfEfoft$PffEfDffAEo\$@IP`fAfEpfEfoft$`ffEfDffAEod$PI`fAEol$`fAft$
pMd$pfAH$AfD<fDE}f\$ AEfl$0A]
fT$@Am0ft$PAU@fL$`AuPAM`Mmpfot$pCfffff.fAMd$`fAH$AfD<fDE}f\$ AEfl$0A]
fT$@Am0ft$PAU@AuPMm`fot$`f.fAMd$PfAH$AqfD<fDE}f\$ AEfl$0A]
fT$@Am0AU@MmPfot$PKfDfAMd$@fAH$AfD<fDE}f\$ AEfl$0A]
Am0Mm@fot$@ffAMd$0fAH$AfD<$fD$E}f\$ AEA] Mm0fot$0fffff.fDMd$ fAH$AAfD<$fD$E}AEMm fot$
Bffff.fAMd$f} H} Hu IfD} E}Mmfot$tKLAJMdB
HRuEo}H}
fDHu fD} Ifu AuH$fff@H@ H9wHExLxLpLhL`HXHhH HUSATAUAVAWHd$HIIIII9Hu
I@ALHH`H)HLA{f<$f0f<$1IHI)Hfou fEfDo%fDfIK ffEpfEfDof4$ffEfDffAfEpfEfoft$ffEfDffAAo<$fEpfEfoft$
ffEfDffAEoD$fDfEpfEfoft$0ffEfDffAEoL$
fAfEpfEfoft$@ffEfDffAEoT$0fAfEpfEfoft$PffEfDffAEo\$@fAfEpfEfoft$`ffEfDffAEod$PfAEol$`fAEot$pMft
pfAH$fAAfD<$fD$E}fl$ AEf\$0Am
fL$@A]0ft$PAM@fT$`AuPfd$pAU`AepMfot$pfEfDo%fDffEpfEffEfDffAIIhfEpfEfDof4$ffEfDffAfEpfEfoft$ffE
fDffAAo<$IfEpfEfoft$ ffEfDffAEoD$I JfDfEpfEfoft$0ffEfDffAEoL$

I0fAfEpfEfoft$@ffEfDffAEoT$0I@fAfEpfEfoft$PffEfDffAEo\$@IP`fAfEpfEfoft$`ffEfDffAEod$PI`fAEol$`fAft$
pMd$pfAH$AfD<fDE}fl$ AEf\$0Am
fL$@A]0ft$PAM@fT$`AuPAU`Mmpfot$pCfffff.fAMd$`fAH$AfD<fDE}fl$ AEf\$0Am
fL$@A]0ft$PAM@AuPMm`fot$`f.fAMd$PfAH$AfD<fDE}fl$ AEf\$0Am
fL$@A]0AM@MmPfot$PKfDfAMd$@fAH$AfD<fDE}fl$ AEf\$0Am
A]0Mm@fot$@ffAMd$0fAH$A1fD<$fD$E}fl$ AEAm Mm0fot$0fffff.fDMd$ fAH$AfD<$fD$E}AEMm fot$
Bffff.fAMd$f} H} Hu IfD} E}Mmfot$fEfDo%fDffEpfoffEEo<$fAH} fDHu fD} IFfu LAuAD$
Md$JHRuEo}H}
fDHu fD} Ifm AmH$fff@H@ H9wHExLxLpLhL`HXHhH D

UUUUUUUUUUUUUUUU3333333333333333

ccccccccccccccccBit-sliced AES for x86_64/SSSE3, Emilia Ksper, Peter Schwabe, Andy
Polyakovffffff.IIfAofofAo)frfAf8fof8fIfLyffAofAof8f8ffAoffCoLf8fCo$fAof8foff8Iff8Iff8I0HffAofAoffrfAf8fAof
f8fAoff8fAoff8fAoff8Ao)f,fAobfAoBf8ff8fCoL@ff8IfAofofIfrAo)IfAf8foI0Lf8I0ffo-
#fIMfAobfAoJf8f8ffAo"ffAoJf8f8f8ffAob
ffAoJ0f8f8f8ffAob@ffAoJPf8f8f8fIf:fHfAoffAofrfAf8fAoff8fAoff8ffAof8fAoff8AoffAob`f8ffAoBpfAof8ff8f.fDo
bofoLfoLHufCof8I0wmt
!HoGfoff:HtRfDoGvfoHtfpfofofoLHufCof8LrH HfR
fffffffffpfpffffoffA:fE:ffpf:fofsffofsff=fAoffrfAfAof8ffAof8ffAof8ffAof8ffAof8ffAof8fAof8fffoffAoffrfAfAof8fA
oCf8fffofo-4Hu/Hf%f8fof8ff8fLfAoffrfAfAof8fAo[f8ff8fAoS
f8ffAo[0f8ff8fAoS@f8ffAo[Pf8ff8fAoS`f8ffAo[pf8fHfCof8II0A0r1fffff.HTAAA A
21fffff.offf.oRfff.HHrpAo0H)jAt4foffo>HHs2fffff.ofoffo>HHsA0DLyfEoRfEoZfEo
fEoj0fEob@fEozPfEor`

p*Zx"RM|1}0L>PD*nz#6.
;$qz/U^)
@iJ#comxzj_t5+A

}|M*p[[[[[[[[[[[[[[[[`)Ih!APQ\]
G@]Zi6_wA(G]Z@6wA(i_POLSJ[4~o%POLS{O1
j^~o[%4J3'bQvE_T[PENAJe`rwSLOPI;e,^rW}9D*n$<
1)Bd"F&`gYkU2>&Fd`B"U2>Ykg@~S->mDVYKVector Permutation AES for x86_64/SSSE3, Mike Hamburg
(Stanford University)HHHAWAVAUATUSDDt
AoL3*D_LD3ZO_3Z1G1G1GDA1GA1GA1G3BE1O 1O
1OD1O
1O1@IH=AB3L
A3DC3A,B3,L$DAEC3,AA3,AG4F34DCAAD1DA3GF3DbE3E3L$11D1A1ADA1D1A
D1DAD11A1A1BA1E1D3ZH
A13JE1D1D1A@E]AIIIADAG,G3,D3,DEE3,AEAC3DB3A3IA,C3,D3,C3,IAC33DC31111A1A1%AAAA
AAD1A1D11D3jBA1D113D1E113jDIAB3DA3C3IAB3A3DC3AI@DAB3EA3DAC3EA,B3,C3,A3,D11111A1A
AAAD AA1E1AA1AE1D1Db113J3jA1H A13B1L9AAC,DGAE DDE,FA,AAAAEAE DE D3A D 3jE$AAA AA A%A
D3bA A % 3BDD^@nDDfVDvVVvDVDV Dv
VfFV
[]A\A]A^A_DfDAWAVAUIATUSHt$5H,tD|$H-OLAGD`?DIHAMcII1O1O1OD$GA34$1OA1O1O D$G1O1O
1O
AD$G1O1O1AL$AE3\$DAD1HIDEED1tB34LADEC34AC34IHxAFLF3E3DG3IHMLB3A3DEC3IDAEDB3C
3A1C3D11D11AA1AEAAAAE
AAA1E1AAD1EAt$E1AAE1D1E11DD$A1ALDtGG1O1O11Gt$G1O1O1A1ADt$~PGG1O1O1O1\$O1G1O1
A1DD$|$A3|LA3LDA3D$E3D$fntDDtHD|$I@Dt$A4C34D34fn\$B3tID|$A<C3<3<B3|DIH
AC33Dfn|$B3LEIDAEfnD$AC3B31B3D1fbfb111A1AAA%AA
EAAAD1A1AD1A1f~D3L$E1flD1D11D11D1E1L$A|$(AEL$ A3D$$fn|$1H
%fnd$AA|$,A1EDD1ADAE|B3<DC3<AA3<AFLF3EE3DAE3DEB3C3EEA3ADABlB3,EC3,Dd$A3,A1D11A1E
1A1DDAAEA\$AAE E\$AfntDdA1DfnD$fbfn|$A1AA1DD\$D1fbD1fo13l$E111A1D1EAflAl$fnl$E1EL$A
D|DlA1fnTLA1A
DDJAA
fbA1fnl$l$E1EDJDL$A
fbfofDoAflE1D3LDdflfArflfrDJEAfofrA1l$E1Afr
DJEA
fAA1A
E1EDJ AAA

fE1E1EDJ$AA
AE1D3L$AA
fofrfDJ(EAE1fE1D|$DJ,AAA1A1
DJ0EAA1DE1
DJ4EAA1DA1
DJ8EAA1E1DJ<GD3L$J@foA1DfrDJPD6fA1A1C6DJTDL$fAA1D3L$\$DJXEAD3L$A1DJ\GA1A1DDJ`D?E1
A1CDJdAAA1D3L$DJhEAE1A1C\-DJlAAA1\-
A1DJpEAA1C?E1DJtEAA1C$A1DJxEAA1DE1DJ|DL$AA1D3L$\$DEAA1A1DEAD3L$A1DDAAD3L$A1DD
AAA1A1DEAE1A1DEAD3L$A1DDAAE1A1DDEAA1DA1DEAA1DE1DAAA1A1DEAA1E1D\$AAA1A1l$DD
L$AA1E1D|$DAAAE1E1DDL$AA1E1|$DmADEAD3L$AD3l$L$A1DDDL$AA1D3L$\$DEAD3L$A1DAAE1A
ADD1EAD1EAD1D1D11DA1A1|$Dfnt$D$frfnT$fofr
fnD$ffbfnt$frfbfflfnTDTfn|$|$frffnL$D\$fbfnt$fbflf1[]A\A]A^A_fffATUSHHSoHHoHFH9DN1B111zAzAD1D
1AA1D11AAE1D1D111AAAAAAAE1AD
AA11AE1EA1D111N1ADAD1A1D1EAA1ND11AAD1AAE1E1A1A1ED1AE1H
DEAHE1EAAA1A1E1jE1AD1A11DJJA1D1DB^NFDVH9SAAD1BA111JRAAD1D1AAD1D1D11111A1AAAA
D AAE1AAA1E11D1>111N1F1~[]A\ff.AUATE1USHHtPH~UHOt|HD`t5HAHcA
HwLBLH|IIE
hLEHD[]A\A]HD`tHEL@LEHD[]A\A]f.HcHwHSH)DHH9uFA111AunAu_AuPAuAAu2
Au#@uMAAAAHHHEL@Hw@DcUAf.AWAVAUATUSHHH>HI~J1H
<A
GHtH9]tHT1HH[]A\A]A^A_HIHHL.E}ADHSIML$HH IHCH5uLLL$HLL$LHL6DILL$C D
MH{H5QDLD$/LD$HCLCtH]M.fD1@H
A
fHHM.E}ADmE1LASfDAWAVAUATUSAHDE1HDfHDIHc7HgAD9~LwMtvMcMA".D A.~cHSHc|
uUHHHcHH)Hf.H|u)H9uH[]A\A]A^A_f.uH[]A\A]A^A_E|$H{H
AIcRHIt*HcD)~I<Hc1@LsD;@H
IAA
O1O1Ht5VI9~&HHtHcfHtXLGMtO~Iy1Af.Hu(9D~A"H9u1f.1AWAVIAUATUSHhHt$5Hu8H
yAnAk
OHh[]A\A]A^A_I11<HDLDHDHDHHDHDXHD$ HDPHD(II)Iw\HuII)H9uLHdIt$DLHry
H9j~HHHII)MlHLMHTHt
H|$(ILl$PAHD$PL)HHAt%|$ID$I)I=D$HT$Xt;Hu6L$HD$HH=HL$L!HHDH)H9|H9T$tH%=u+5AH
k
tLHh[]A\A]A^A_HH)HHL$07H9.HA@THl$8HHD$0LI9IMFJt5HLIt$LHp~:HHH)uKD-
I?LBL)t$0uHHD$XHl$8H@AH
k
LDAxH
kAk
GA}AH
;A{k
ArAgA\ff.USHHHHHH$1x0H$Ht$HHRHT$HcHH<$HH[]1fAVAUIATUISHI'HkHtBHL1jH|HLHLTHH)m[H]A\
A]A^DH
!Am
1USHHHHHH$Ax=H$Ht$HHHRHT$Hc}HH<$HH[]1fff.AUATIUSHIH(HkHtCHL1jH{HLHHHH-lHH[]A\A]H
!AR
1AWAVIAUAT1USHIMHH(HL$HcH5"HHIHt$LHDHTE1MLHL4
D$t/H5-L+H([]A\A]A^A_H5yL*D$H([]A\A]A^A_fH
IAD

H(1[]A\A]A^A_fDH
A#A
1ZAUATHUSIHHHHM1HtHDH|$Ht5E1HcMLH3
t+H|$H5AH[]A\A]H|$H5d>H[]A\A]AUATUSHHtrHHIH1H5J
HcHItGHHHHtHc1Ll$AH5
$LH]HH[]A\A]1H
AAo
1XfDSHHH$t^HHHHHHcH$HtFHt$H1HD$yH<$H5oBH~HH[f1@H
AA=A
1~t
1ff.H1fDUSHHHH(D$TH\$HHHDtHtHHoH([]AUATIUSIHXHt$H|$Ht$NHt>Hu&Mu!HL)HX[]A\A]fDLHkN
u111~t
1AWAVIAUATIUSIH1E1HA~qH5Hc,D}HHtqHDHtLE1A~LA)IcLHwm9uAH5@H|HD[]A\A]A^A_E1H
dA.At
AUATIUSHIHHH
eHt;HL1jHuLHHHNfH[]A\A]H
Au
1H[]A\A]ATUHSIHH1HHtHDwH|$HuYf~D)HcHL(l9H|$uH5Cmi{H[]A\fD1@H
A^A
1]H[]A\fAUATIUSHIHHcHt;HL1jHVtLHHHdH[]A\A]H
AM
1H[]A\A]ff.SG^%9t[DE[SLOLcMt;Mt6GA%HI[E1HIu![E1E1E1HtH>HtDDIKMt*M)IDA<
D1@AHHuH[@8HI[AfLAWILIKHHPHHBI{H9 H'EAHDA
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QDHfH)ffII|I1foHHI9fofhf`fofafiffofifafffwfoHHfsfHfofsff~D H9tAH I9wAALOf.LE1:E1- 1E1

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QDf.MfI)ffLLD9H1fAoHIH9fofhf`fofifaffofifafffwfoLHfsfHfofsff~D I9tf.<H H9wyI
@AMteI]Ht\1DHutH
$A9A
:I9]tH1HH[]A\A]A^A_HHt1@DHO7I$HKD2EAHEBA8H}HtHAEL9HwAHHH:LD1D17HHuI$EyKHMI,$I]H
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L8.
$AUATIUSHIH8HHHt|HHL$HTHt(H|$ HD$ |$H

1As
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H`afH
iAf
3f.ffD$(H5%xHcEmHIHT$(CHt7Ht$ >uHtHHHt$ HT$(HcLHD$(HD$ H{H5lHD$(HLktH]HD$
I$f.D$(H5uxHclHIPAH
AAA
WfHHVt.H
AF
1HfDHcHHv1Ht%HXHtwDFHL HteDFHL HtSDFHL HtADFHL Ht/DFHL HtDFHL HuNHH HtyHHH-H
ABC
1HH
A
1HxcHfDHH9hH
~A
1zDt10DH
AA
DSD7f.HHGx@HL$HHA@IHI)HHHuD)[HfDHL$HHHQIHI)HHHRuGffffff.HHF%HcHHNHH7H'HHAH
HqHH HqHH HqHH HqHH HqHH HQHH fDH
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1HHHGHL$HAfIHI)HHHuD)HfD[ff.1Ht)HHH|$(tHD$Hf.fDHffffff.AUATIUSIHHFHLeLPHHE1Ct/LHE]HH[]A
\A]H
yAA
I9tH"H1[H]A\A]fLHSMG@&HHH
A:
HH[]A\A]HuL-DSHGu@HHH3HtZCtHHDbHDH[H
iA
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1HfDHcHHv1Ht%HXHtwDFHL HteDFHL HtSDFHL HtADFHL Ht/DFHL HtDFHL HuNHH HtyHHH-H
ABC
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1HxcHfDHH9hH
nA
1zDt10DH
1A
DCD7f.HHG

x@HL$HHA@IHI)HHHuD)KHfDHL$HHHQIHI)HHHRuG
ffffff.kff.1Ht@G
u.?+HHH|$#tHD$HDHHfffff.AUATIUSIHHF
HLULPHHE13t/LHE]HH[]A\A]H
iAA
I9tHH1[H]A\A]fL8SMG@
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Age
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zDfI)ffMfLT2MIE1fAoIIM9fofhf`fofafiffofifafffwfoMIfsfLfofsff~D M9tfD:HD
H9wtzA8SHcHHH)HwLD<AHHHLfDD2D1D1HHuHDtxT HH HtfT$
HH HtTT$HH HtBT$HH Ht0T$
HH HtT$HH HuT$HH HH[]A\A]A>2@T$DAfH
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AM)ufME1hHMAUItHAHL)HFHIBAM)L9HDQHD
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]H[]A\A]@HufDsHHHDsDSXH
HHHE?fAWAVMAUATAUSHHhH|$(LL$uHpyAM(LD~St+ADD$fDADD$|EyHD$@EID$HDHcDIA)HT$D
LnyH
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gDDHh[]A\A]A^A_@DdHtH~HcD$H9H$~HcD$H;$HD$@EEIHD$
\AAIHHT$@AHHFAA}AtLHLEAtLHELEAtHvIME"FAAIE1HT$@dDD\$HTHLuLD\$HTHHLLDFD\$HT

HL5HTHLD\$H L@H@LEfAAIfHHT$@AHT$
DLlHT$@A)HIHAjA^AD$HD$(HL8MfIH5ND$A9IGAD$AGWAAAwd$L5cD$xHcH5bXNHHD$8
Lcl$EIGE/B(MLl$87HD$@HD$&fA)HLHH|$@AvEmHT$DHjyTAA|AAMAIEAAID$T@H
IAs|z
/DfAD
DE}AHLfH|$@AyEh}AHLH|$@AE@d$L5eD$xHcfD|$WHI8HD$(A9D$L8DHLAH
2Az
DMADLl$8H\fDH9H}LH|$@AlAEmHD$@EID$HD$&@HT$@A)1HIkD$EtHT$DL~hyD$xHcL5I@AD$
DD$E1D$L5xHcqADADID$LlEA1IfHT$@kD$M9uHD$2H
nAAz
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&DfADID$LlIAV1HT$@NjD$M9uAD$ADIDLlDA1IHT$@iD$M9u<HD$@HD$HcHA)HT$DHsfy|$tLAH
Akz
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H1XH5H1DDAHE1jbHAUATUS1HHtlHteIwH1MtItDI$HtNSH|$E11HD$bHcSHsH|$0yLckLl$M,$H[]A\A]fD
H5Hc"\GHIHD$t+SH|$1E1HcSHsH|$xH
]A#A
1yfff.AWAVAUATUS1HhH<tDg0D${LbB t .cHcD$E1D$8D$HHHHD$(HHD$0HD$@HD$
HD$E1E1nfDHI9MLLQ
L<sLHc&AIA\$.%E\EuCKHL4P\$<D$H<$[9D$A&HT$HH<$H4HcT$HH|QHHHHPH9uD$DHHL$HLH. H
AWd
HL$ H9L$tH|$H5fDL1Hh[]A\A]A^A_HIKDHHT$CkHT$0D$H
rAIzd
E1zD$|$-I'v'H
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Lt$(ErHt$DITHMufH
ANd
E1lEtLCp$I2);L$8D$Dq\$<M~ALLt$@ADHI9tLHu$@H
Add
fH|HD H9tH5L$\BL$A H5L$<HcD$8iBHHDL</fHt$0L~fDD$HD$@E1HD$ HD$0D$
E1LkH|HD H9t=H5!Al$H
Akd
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L1SHsLfH5^"L|1HX[]A\A]A^A_fLLS1DxH5Ic@HIt6HDHLL1M9tH5L\@H
AA~
dUffffff.H5HS(fAHt@ HDH
YAUA{
HDHDHSG HuTu u[fHH5o[?H{H5js?C HCCtH?H5dD?H{H5e/?C
HCHmfffff.AWAVAUATUSH8HHBH=w}L&HMtrA|HxgIHADLdTD 0%tl!MIt
I}MeH]H8L[]A\A]A^A_f.AH

E1lf.L8HD)A9MtMeMtAD$
uHIIL$LuLcID$HtA9\$}?H57H3AD$=H54L=HHtUAL$ LLHQoMMID$A\$IIDtMeLuD9uGAH
AIA

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)D$-HHff.ff.kNHAWAVAUATE1USHL$7E1AH1L9t-
@H'EDEE}@uEuEuH[]A\A]A^A_fDf.1tfD7@uHW~B:uzuzuFHLH8usxumxugHH9uSH
fDHOHJHH9HpI7HC[fD1ffff.HAWAV1AUATUSHXDLvEAHHA.IE)6D<@<
@t<
AEHcO(C7ID9}<A<uHc.O~LHQ*~UDC71ID9|t'HH,*HX[]A\A]A^A_DHX[]A\A]A^A_@HX1[]A\A]A^A_1AW
AVAUATIUSHHHH|HL(LDLL
HHID4oM~HE1EMLE}qI*Ht?twwHIG2I?}HIPAZ1H|HDH5HcOHe8H|$
I^H5D$4HQHHD$98MIHHt$8H|$Ll$8HD$1HLtHLLoH
XA_
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)AKD
~HD$1E1E1LHHLn8Ht$HLo8D$4HH[]A\A]A^A_A+DHL$
HT$4LLCt$L|$(H5wbI6D$4MwE1AIGHD$HHIGCfuIGfDA%H
AHAAtb}qH{Ht?t~uiuHHCH;N}HHHt{AAAuD}qI}Ht?tutHIEBI}}HIEt)@fDAEH
A@H
ftHCfDH
ATA
D$4/|f.;tIE;fffff.AWAVIAUATIUSLLHMHHHTHD0HD$8,HHD$,HHIH@AH
HHHlILD$LLLH5<Ht$0LL?\LLcZH5LcLLt$84HL$0IHHHT$8MHHF H}H5=3HD$8LmE1EHEHHHE4f.H
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E1E1E1fzH|$0HL4HLL4D$8HH[]A\A]A^A_HcEE1E1E1HD$8@H|$IFH|Th(T$H|$,(&PIFH@HEAMt(|$,DD$
wDD$1HLDBwDD$L|DDM6|$,ADD$1HLDwH
AA
HD$8&yAH
fH
qA
E1xE1n@HD$8AH
2D2H
!A
HD$8xAH
fAWAVMAUATIUSHIIHLLHLLt_HT$P11MHHx>D$tIMLLLHDHmDH[]A\A]A^A_f.H
AA}A
wH1[]A\A]A^A_HtS
9[ff.Ht+HcSHHHcH9[f.AWAVAUATIUSHH@HcZH|DGAA Ab
HcELMAD$$D$HLHDf%I9fD$DE1Ll$8EHl$@fD$D$$EMDMHD
HDXHD0HD$`HD$(\$M9EAAAAIHL$XI9T$
H9HHf\$xH=Hc4G!afH\fAI9.EDt$|$EHl$@Ll$8`HDDHt1H=HaH?fDDDH[]A\A]A^A_fCH4t$$AtL$$t$$@
AHcELMAHD$HLAHrAH
@A
^tD$9AhHD$HJH=H_HA&]LmL5Ld$`L|$HcLL9uf.IL9AELLAAD$aT$`_HbEWHT$0t$HLI>)D$HHHL$XII9Gf
|$@T$ E9H|$RHLAf\$D$RfH=<4W!@a|$ffE@|$wHIRHL$IHtAHcLI^DH9MHL$H= "^H(AD$D$Kf.A$IfHL$X
fDAIHLXDH|DHcEHmAD$HLd AuD$H<DIfD$D$$L9D$ HDXHD0\$L9EALAA8AIHL$XM9aD$
oH9HH f\$L$R% H5>Hc<F!a u'HL$H=\HfHL$H|$Rg\HmDM9|$\HL$H=)\H/2f.H|$(H1
AI9ft$fEf@t$Dfh<\AA8D$S{H5<V!@adt$ffE@tAADTJH=4W!@a3t$ffE@t$AAD$UH=J4W!@at$ffE@t$AA-
D$V H5<V!@a t$ffE@tAADWH=f#Wa|$fEf@|$fH|$(H1fDAELd$`1Hl$hLD$`eH5HcH&HHH

^AA}
|mD$WHcELMAD$$ D$HLHf.]\$fD$HdH
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lD$fIfDH|$(Hh1fDHt$XLHl$XdH5W"HP%CS(H=4W!@at$fEf@t$AAD$SH=Z4W!@a|$fEf@|$AA?D$TH=4W!
@a|$fEf@|$AAD$UhH5<V!@aQt$fEf@tAADV+H=U4W!@a|$fEf@|$AA:D$WH5f#Vat$ffE@t$SfDH|$(H1D\
$L@D\$LtfifDEDlHHT0LDB@DHL$X)HI|$HM9f|$@ED$
Ll$RHLCf\$f\$$LMlHD$`fHD$@HD$Qf|$Lft$8HD$(xfDH5|$$f#<Fatmu|HL$H=THHL$H|$(THHL9fD$8L$Qzf\
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LmHL$H=QHf.H|$(H1D\$LD\$L]H|$(Hi1D\$LD\$LH|$(H:1D\$LrD\$LH|$(H1D\$LCD\$LfVff~ffH|$(H_1D\$LD\
$LmH|$(H01D\$LhD\$LH|$(H1D\$L9D\$LH|$(H1D\$L
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ELl$`1Hl$hLD$`[H5LcLLHHHt$XLIHl$X[I9L5\$Ll$RILMLd$ALLDSTRNHtH5"HDIM9u\$Xfffff.AWAVAU
ATIUSHH@HcZH|D'AA A" HcELMAD$$D$HLHDf%I9fD$tDE1Ll$8EHl$@fD$D$$MDMHD
HDXHD0HD$`HD$(\$M9EAAAAIHLXI9T$
H9H\Hf\$xH5Hc<F!aWfH\AI9.fEDt$|$Ll$8Hl$@;HDDHt,H5kHp
DDH[]A\A]A^A_fCH<|$$AtL$$t$$@AHcELMAHD$HLAHBAH
A
.`D$9AxHD$HH5~H^
A]LmL5~Ld$`L|$HcLL9usIL9fAELLAAD$aT$`xfDEgHT$0t$HL5N)D$HHHL$XII9df|$@T$
EVH|$RHk8Af\$D$RfkH5~<V!@a|$ffE@|$cHIf>IHD$Ht6DLHA9bH|$H5
CADDvDA$IfHL$X:fDAIHLX!DH|DHcEHmAD$HLd AuD$H\DIfD$D$$L9D$
 HDXHD0\$L9EA<AAXAIHL$XM9QD$ _H9%HHc f\$L$R
H=.|Hc4G!au'H|$H5v{!H|$Ht$RM9|$H|$H5]`H|$(Hz1
AI9f|$fEf@|$Dfh<\AAuD$S[H=z4W!@aD|$ffE@|AADT*H5z<V!@at$ffE@t$AAD$UH5Jz<V!@a|$ffE@|$AA
jD$VH=y4W!@a|$ffE@|AADWH5yf#Vat$fEf@t$fH|$(Hx1fDAELd$`1Hl$hLD$`QH5xHcHHHH
^xAA}
|YD$HcELMAD$$ D$HLHf.]E\$AfD$HH
wA
XD$ffDH|$(Hhw1fDHt$XLHl$XPH5Ww"HPC(H5w<V!@at$fEf@t$AAD$SH=Zw4W!@avt$fEf@t$AA|D$TeH
5w<V!@aN|$fEf@|$AA%D$U(H5v<V!@a|$fEf@|AADVH5Uv<V!@a|$fEf@|$AAwD$WH=uf#Wat$ffE@t$Sf
DH|$(Hu1D\$L@D\$Ltf)fDE'DlHHT0LDB,
DHL$X)HI|$HM9f|$@ED$
Ll$RHL/'f\$f\$$LMlHD$`fHD$@HD$Qf|$Lft$8HD$(lfDH5t|$$f#<Fat]ulH|$H5s4Ht$(H|$HL9zD$8L$Qyf\gHt$(H
|$3tfAIfHL$X_AIHL$XFfDH\$`Hs1HMH|$
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RDD$HH|$@Hr1Ht$@H|$dfDfH\,f!H|$H5orDH\$`H>r1HmH|$HrDf<\f<\f<\.H\$`Hq1HH|$H35Df<\'f<\Off|$LH|$
H5qU9H|$(Hp1D\$LD\$LH|$(Hp1D\$LD\$LH|$(Hzp1D\$LD\$LH|$(HKp1D\$LD\$Lff2fff8H|$(Ho1D\$LD\$LH|$
(Hpo1D\$LD\$LH|$(HAo1D\$LyD\$LH|$(Ho1D\$LJD\$L%H|$(Hn1D\$LD\$LMELl$`1Hl$hLD$`HH5nLcLLHH
>Ht$XLIHl$XGI9'L5n\$Ll$RILMLd$ALLDSTRtH5%n"H
 [IM9u\$fDAWAVAUATUSHHHHtHLHxHtHHtCL-E1LHHufD1%H=
H=cH=uHAm\$DD$4D$xHD$`H!HD$hLt$H|$L%HHHlT$0HR HDHD$PD%`D$LLD$@HHT$
HD$(LH$HTpHL8E1AHD$XDDt$@H|$D)_IAt8L>D9HtDt$4Ht$`HDA9\$4LLA LI
LHAD=`ty=@ET$|$ HH5"1HNAT$0Ht$PH/9D$0D|$0DHD$EHu@H|$8HDH$HIL9l$(t(H|$
H|$DI2H[]A\A]A^A_DHjD$4DxDDHD$`HjHD$hAD9HD$+HDt$xHt$hHD2A9D$D\$xt3D|$DE1DH5tHAE9u
\$DLL|$XPLVAI!tHt$XDIGLDI1A)Ht8DHL$HqA9L$H,A9H|$pDA9H|$pD)~MHtHE1Ll$H\$|ADDH5tHA9uD\$|
Ll$HHDHHD$H3*

AHt$H\$x\$DE1cDXHHD$H)AHt$HfH=HYD$4D$xDDHD`HJ"HD$h@HNhD$4D$xD$DHD$`HQ"HD$hAW
AVAUATUSHHHHt$ HL$I1]aHHLH/H
DHLHHL4L9uND$X\$tE1D|$XAE9H=wHZ4HtH[]A\A]A^A_HxItIHtDE1L-
+fDAD9HL3HufD1%H=H=H=cHf\$XHHDpHDxH?!DtHLt$H|$ L%HHHHHHT$8HH(fT$HH
HDHD$`D%`D$LLD$LHHT$(HD$0LH$HHLPE1AHDhjtLH|$
D)IAt@LfD9Ht&L$H|$xHL[2L9\$pL&LALI0LHDAD=`=@FE=T$i|$
HH="1H1HgE1HT$8H|$`H1H9D$8:D|$HDHD$EHu@H|$PHDHT$HnIL9l$0H|$(H|$
DI@HdHHDpDtHD$xHcD$XH$`\$t\$XuLL|$hPLMAI!%tL\$hDIPLDIE1M)EHLD$@tNIcHLDT$\>0LD$@
DT$\EI9E9oH$`fDE9qH$bE)EHwE1D|$@\$\EDA9DH=H/H=D@HHD$@#A
IAL\$@DE1DHHD$@[#AIAL\$@DH=HHHDpDtHD$xH8D"D$XH$T@HaH$HDpDtHDxH"DXHE\
$\D|$@DHHD$`fDHHHfHHH2fSH0HHD$HD$tlHcFwcH\atKHHvHH|$A
 HDDHD$ xHDHDH0[fHH+D+ff.G u
H5aOffffff.H=!gLHgLHH=aHHux1HDH=aHuHHH=caHtuH=Ma HtjH=;HtbfDHxHt$1HHD$8i6f.HN@
@fDSH0<$H=LHHtH"y-LVH5`H(=H0[H=yL)H0[fff.AUATAUSHHAHHDHDHDHD]HtP@
L@t6HpLHDDHHZY~LHH[]A\A]fDL#dLLdLDDHHA(1fff.AWAVAAUATIUSIILHH={LDHHt@ umH5_(H
H=9LHHD$L#HL$HoCAHCHAHC HHHA MxLcMxLkMtLsHtHHk H[]A\A]A^A_fDH=Id'HHLH
=^AA
=H1[]A\A]A^A_fHD9HA HAHAHLfDH5]HTfH
]AA
_=ff.H=LHtH5HL&DH
XL@HWL@H=WL@H5WL@AWAVAUATUSHxF&t1Hx[]A\A]A^A_HFD$$DD%HDHL
D>fH^HD$`D9H\$)D$0)D$@)D$PL%-
aLk11Ht$H|$(9l$A}u|$tG@Zw.AUCD9DrA}KAECA94PNHD$LlaP1HcA9LaA9wIcLL$4@I9lHLHc<HD$x@
ZD$ UGJ1@-DD$CD9-H|$(+Ll$HcE1D|$
lDtDd$$IMLl$AADqAGCH5Q`LH1A}H9H5_99l$xD9~ID9A?jTDL$8|$@H5<_Hc;H^DDDL<DAlAEQQA
AA)A)EkdiE)9EtEEDL$Lgfff<)EQBAHDHAB))$IL)))L$H@kdlL$DfDL$0w1t$@d@t[L$DRf.HFD$$DD%HD
$H\$
@42LL$DfDDD$DQAElDEAD)iA9uJD9@L$<t$LAkQ)DkdD)A[AD)kdA9tE1AAA1@A@.JT$
kA9LcLd$@IA9wA<$u9\A<$@ZfDD9;HL$(H*foD$0HT$`foD$@HQ0AfoD$PA
 DT$LLcLl$D|$L%p\L5)\l$MdAADiAGCLLHHD$xHA9A9{I;l$$NA?uTDt$D|$
ET$H|$01AHcD|iDk<L$vfATIUSHtt$Ht
1HB9[1]A\F2cwH1H6tAD$kH{E$ETAtEL$D@AL$QHASARV)kd)HR[1H
H[]A\fDF12c@HY7HH*1H5DHlHZASARVAUATIUSIHXHt$H|$Ht$HtEHu&Mu!HLyHX[]A\A]fDLHu1H
ZAF
31ff.11WGtt1;nUSHHH/tH[]HHH[]mATUISHHH`H7H$H\$HD$D$ftJMtm|$tvHL1I5@H|$H9tH5YH`[]A\DHD$u
H`1[]A\fH|$ HtD$42ci$H5%YPHcHHDtHc$HsHD$"USHHHtHH7H[]Hl$HfHC0HHCC
qHH[]USHHHHHtHHt#H;HHtHHH[]@H1HH[]f.1fff.AVAUIATUISHHHHH
uH1[]A\A]A^f.Lt$@HLtLHLLKH[]A\A]A^fffff.AWAVAUATIUSHHHHHcHCK|ZHtxH
<"HcT$HVHQH5VL1HD$$lPD$PDL$$1DD$(L$,CH @HH[]A\A]A^A_t+H
VfH5VLz~
x.H^VE11HcL$HHUPD$$H5VL1lHPSAUD$(PDL$41DD$8L$<H0@EfDE11H!Dx.udHXE1LsAAIAE9~A>zuE
HU9H!-HXAE11ffffff.USHH\$ Ht$HtqHl$`H|$HOHtZHt$H|$HHtAT$~H[]f.L$1
H[]DfUSHHHHHtHHxHHH[]HHHH|Htt3T$~HL$1
Hf.HtDE@USHHHH|$tH|$11H|$tHoH[]@HGH[]ff.SHHHt"tt1Ht$0HtHt$HHiH[fDHHtHH;H[H1[HtSHtN;uHt;tt!
HvH1@HvHsG+Ff1DfATHUSHHH1hHtdHIt<H]HtLHH[]A\$HHtH]D#HHuL19 1fff.Ht>uHFHt
HHBif1~t
1ff.H1fDUSHHHH(D$4H\$HHHDtHtHHO-H([]AUATIUSIHXHt$H|$Ht$jHt>Hu&Mu!HL
HX[]A\A]fDLHKu111USHH\$

Ht$HHtnHl$`H|$HHtWHt$H|$HHt>T$~H[]L$1 H[]Df~t
11~xH
AAAAAA;MwDGDDWDDODO@HH?%@?H H LHH LH%H DH HfDw<6?H HG@w@% H?HcH
HA3fD$wDGDu}DODumO@u^HH?%HH%H H LHH DH Hf.~pwuDGDuO@uH?%H H DH Hffffff.HtkHw
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H?GHH?GHH?GH?H?WGDAWAVAUATIUSIHH(HLDHHH;HX
HIA|$1H<$A?HcH5K7HHIHt$H<$HD$A1LHnuZHJBHLAEH
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B\HH I?HHT$H<$ID$HHHH8MLILLHE1AHt$LLHL$HHcUHuLcMH
AA0fDAsH
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E1A!H|$HGLMHeHD[]A\A]A^A_AmH
GA@CH
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IT$;AH
GXfDAy;DH
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A @M11LH
A^H
FA
E1f.AH
FA{fAH
FD[H
rFAg
ARhH
FFAbC
A&<HH+DHH+DH8|$H=LHt$Ht$Ht
y6H|$LH5DLHt/HH8@H=ALH8f.1fff.H=LHtH;Hf.x,HDLHcHwH=L1ffff.ATIUSD@thHHuMtHuI$H[]A\[I$H]A\
fffff.AWAVAUATIUSAHHuH\AHt[H|$DLtHHt<H|$BH|$HDHD$HHH[]A\A]A^A_HMcS~>@HuLxLA9uLLLtS
1fff.S1H#H0Ht$HHHCH{tUHuUH=LHt|D$9H
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DCA1H0[H=Ht$7HHHrLHt$tD$_H=QLHaiH=:LfD1Mt=HtAHtAAHtIAHtIAHMtIQIf.HGff.HF
HG
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HW(HO0LG8LOXHG`fHw@HWHHOPHD$HwpHWxHLLHfDHHHwhff.HHHHHHHHHHH@

b
Ht
HH=IH=m IHAWAVIAUAT,USHxHDpHLH
O
HD$0HD$@IHDpD|hHD%D|$xAGPM1~L$HD$PHHD$^M)LLHI>E1Jf.DLUHL$HxLH
H|$HALA9|AHt$PH|$
AE HHDHHCHT$PD;1D HPHD$PH5M}H50LH|$LLQ|$pu$hoHt$0Hn
HLc
|pHD0HD$8NHt$@HL$,HT$(H|$8Mc4HT$8H+T$0A)Dd$HD$@AT$p1LcHchHLHHRL,~7E1fDAuAU1AI
DHcIE(D9$hLcH5kLLHIH\$$hLtHHDHH~D@sDCLSCHD$HHHPHT$H;$h|L$pt*DD$tEuA
DFT$@H|$HDHcTHt8H|$HqHt$PL1Ll$PHH|$0H5KtH5uKL`Dl$|L$HHFMAH
TKDHcHE1H|$PH5K1H5).LH|$LLHxH[]A\A]A^A_L%!A!HHCALHH{D)H
rJA
,L%!AAA|DrH{IDLAH
IA
L%!Ap1LbHHCmH
IA|
pL%U!HHC
AAAAH
I,L; H
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2DL%!A1LEHHCH
HAq
f.L%m!A
fHsH|PLd`)D$PG#H
lHAd
z)L%!H
AHA
OH5GL1.H1Of.H9$hE1Dd$E11,fDA^H
OHDHcHLt$HLLH>HSHBHD$HDzAuHSHBHHHBDD;E1EHD$1BfDHD$1*fD t$@A&;AA<$tH
FAV
A~H
FA
yH
FA]
SH
]FAx
k-H
7FAl
EH|$PxHD$1H
EAKA
LHNRAH
EA

H
EA

YH

cEAA
q
3H
=EA
K
fDAUATIUS
HIHHt$<HT$HHt_:t
Hc1HH9w=HHA4$H)9t?<Ct8~U<P<UAEH[]A\A]DHx;A4$AEH[]A\A]<AuDAE@DH
ADAh
OH1[]A\A]fH
DA
DDHT$H5B1n*17AEfffff.HAWAVAUATIUSIHH=i!LHILcH$LLHL9H
Lt
 S9uH;LLsu{u+1H[]A\A]A^A_uf1u HtI EH
)H[]A\A]A^A_DHt{ATUASH
HH HtHLHt!9tIcHH9tH 1[]A\fDHxkH9t H []A\f.1DH
BAA
D$#
D$H []A\fDH
AA
 Yf.AWAVAUATUSH(HH$IA?:#FHHD{:HHkH9uDt$D$1H
 IMcH
LIH!fII9L=L|AWA9uI?LLUuAWtXu.H$HPHXH([]A\A]A^A_fH
AHcHH
@A

H5n?L1&fHD)D$HL)A)D$Dt$AL=AHH=?HH=>H8H=>H9H=>HH$@H<$Hc)rGHHHRHJBHB
`H<$HcruHH<$Hcr"GHHHRHJBHB H<$HcQrGHHHRHBHJHB Ht$HLHTHH$8H
>A
'#H$8|HHHPt$HH9Hcl$A<,H
=A
t$1D$*FH_D$E1D$H
A=A
OKH$@6HctH4$PH@T$HH@ PT$PH@HHNH$@H$@H
e<A
soAEH
4<
HFAQH(1HLDT$t&H
;A^
HDHDH(DUSHHHHtHHHHHH[]DH
IH|pAUATIUSHPJKHLHI9t'H+LH}0uHH[]A\A]fDH1[H]A\A]HwHIKH1H~"1HtH:uzuHHfH~"1HtH:uzuHHfMA
VAUATUSH/HMPEL]@M@:M MkAA<xUE1HLH)I)I9}%H
?;A[r
AAL+D []A\A]A^fDHHcI9H
:Ae{r
[]A\A]A^E1MtA;IIIM@yHL MAHI@AtfDEHj1AMQDDD tA{t#A}uIu1HE1AUtrA}HH taA}HH tPA}HH t?A}HH
t.A}HH tA}HH tAEHH HcHMl
Zm1SHAA LKoA DMA1

f.HcNuAID1fDHI9uHcIL[AE1DfEEZuAIcADDABHAAA9tAEHHuMcMMA;AL[AL[H1fHHff.xd2tM~u)9~31tuf
.fAVAUIATUHSHcx{9]Le~:Mt5M]AtHLLHE[D]A\A]A^DsH^7LHc~HHEt5MI]AufE1HtHHcmH
7AA
E1LejHt[USHHHFHvGt*HUHUHC$H HEH[]H1[]1ffff.ATUISHHH5[6.Lc+[]A\@SH586<H3HtXH[DH
6A>A
HDHDfDHtcUSHHGt2tH[]HHH55[]L>fDHH5}5J#uDfDHtw}DfDUSHHt5HMHHt%HH:tHH[]@H1HH[]@Ht
#SHHHtCtH[ofDHc3XLH[Offffff.Hc+u/USHHHHvHnuE+CH[]DfDffff.7ffff.Gfff.HGff.HGDH"4wHHHcHAWA
VIAUATUSHAH4LDDDL(H$L.HIIDLl$pHD$XHHD$lDLLlHD$8HD$hHD$0H$HD$@HD$pHDHH
DPHL8HT$0MHt$@H|$RAAHL$HD$pH5k3LH)LcH$M)Ld$
H+HcD$HH1^~u!L$T$H5'31LLx^~HD$h|$(H52Dd$lD$,D$AD
D$HH2HDL<H$1=rHHDpHHHD[]A\A]A^A_@t$HLDL$,H2%=t'AkA@H2uH2^Ld$P1LjLH5m31Lv]BD|$lE
D$h#H0 H5c LH$HDLLEDLH5t!LethLLlpLd M)MHDpHD@T$H5M11LL\TD$hDd$l
H50D$,D$(DADDHLdpHH5s!LLL$L;l$!u MHD$p\$H9*D$PHLIIH$HLHALH+L$AWDL$8Ht$
A[ZcHD$pHL)H)L9rL$Ht$pL;$:DL$LEWD$LH50L
H$~=HD$J(T+H5
1L
[HHH;$|H5/LR|$LDLLlH$1A}H50r!LH$HDpHE11;DH5.E1;@AH$1fDoH$L#
HD$PEH5qq!LE$PHRHcP$PH9:Ht$pL5IDTLEDL}f.H$.@YHLl$pDHlXL<LMDPXHI+HL$HATDL$8
Ht$
H)HAL/Y^HT$ptH9wMIM)L$H$H5-L^H$#HD$pH5-L1bXD$LfDH5,L1E1HfH1A11AHT$
H5,L11WHHDpH5,L1WHDHtxL1HD$xHHHUHT$xHL<
t< uHH9<v<~v$PrH5n!L$PUt;POPHt$xL2H[qHNHD$Ht$xL1HD$x@HHH5] L
l}E1~/HEH5mL1iV5ESH9H/HDHtxL1HD$xHHH5u\ L}
E1~/HEH5L1UESH9AHH5*L`15D$L(H5*L51JD$LH5[
L~UHt$xL2H$1t|$LH58!L`MH5*L?~<}1CH9EHD$xH5L1TH$E1MH5 LH5!LBH5
LHHDHtxHLHD$xjHt1H53Z LCH$L+fH5(L7^f.HAE1HtHtHj1H(f.HA1HtHtHAPE1H(SHH?H5
)H{H5(HH5([fffff.HH8HHH0tHt
D1H1H)ffff.HH8HHH0tHt
D1H1H)ffff.AWAVAUATIUSHHH8Ht$,HHHD$(HH\$0AE1HD$D$$@HLpAu
H|$PA9~lH=!HuQHt$HcH{HHL$u4HL$H=!Ht?AA`EWIcE1HDf.
u"HAt
uHAAuEHt$HtH|$(DLADLDL$HuHHD$t}11HDL$E1EDL$$H|$DHD$$tH|$H5h!DL$DL$fDH|$NE1H8D[]A\
A]A^A_fDHt$H|$(At
AfH|$@HATIUSH5%oHH8@tH[6HC;@uMH5%L#_oHItw8@tH@6HC;@uH5E%(NHHt8H=H(L`HHCtH[]A\f1
MrE11H5$H2H5$L3H5$H41H[]A\1@AUATIUSIHHHH5$>cnHH8@tH@5HC;@uMH5<$LEnHIH5$J%HHtI}H
(HL`u>H5#SHH5#TLH5#UH1H[]A\A]fD1MJE1bDE111fff.Ht[SHH?H5U#3H{H5@#H{HtH5HH5#[@fffff.AWA
VAUATUSH(H|$H=NHHD$HD$ HDAH$H4$H|$-H|$|$
t 3|$ t@
w
IHrsHE1I4o^{L{@
w
ILru@:Hkt>{H@
wIsH;$.HD$H([]A\A]A^A_A>@u/.2IA>@e@"uA~TIMGL_MtM9s$01t,AIM9A>@"uIFI9A{@@
z@
pI@;t+@(EL}*<
w
ILL@;uEA>@u+.1t,IA>@Y@"uA~HI>LfI\L9s*'0t)HL9;@"uHCI9LLHHD$H|$H7}H]@
w

ICI@=Hkt!{H@
wI@=HkuA>@u,T@0IA>@-@"uA~IMLGMtM9s,/t,AIM9A>@"uIFI9A{I@
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IF@;L}t5@"E@(u<
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IL@;L}uEA>@u*FfD/t,IA>@!@"uA~ILFI\L9s*.t)HL9;@"uHCI9HD$LLLMHx/}@
ILH;$
D<
p<)rEL}<
IfDA>L@u+-t(IA>@y@"uA~hItTL*IlL9s'K-
t,EHL9)}@"uHEI9ELLHHD$tnH|$HH\$H5H;{H{H5fH{HtH5VH|$H5];H|$H5HD$^@IgAGI_<
v@<)IAGI_<
wIsH;$@
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ILH<"}t@
wIr_H}<"u@
IA>@HDE1HD$LLHxH;$fHH;$pfD<
<)EL}<
yIofDA>L%@"t'f+t,IA>@Y@"uA~HI>LIlL9s/'.+EHL9}@"uHEI9EDI#@E1GE1BE1{E1@HE1'DwLH;$1@HE1
MiMAHILHI1f.AWAVIAUATIUSHHHHHD$tHL<HHpLl$ L5
HHD$(HD$0LLt$
HHIlH@H_H=HH=HtH=HGH5HCHHHoLH1HLIdHH11LwLH'HHH[]A\A]A^A_DIyHN"LLLHD(HD$
LL$IyH1HpH$HT$LWH50AHEH|$rH|jHI_HHLHLt
HD$(HD$0!H'H^HPHQH=HtH=HH5`HHHk}HILLH$1HLIHH811LL?Lw~H~H|$1RLHEV~H|$ H
!An
11LNLH}H
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LL$*LL$H5L1IQ~H5H1mH5KH|$Of.H
A
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R/H
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@I@oH\$D$HLA~zIcE1HD%@Et
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HAt
uHAAuD$HLcHL|11LLH|$yH[]A\A]A^A_DuDDHLEH5S!L@EDD$E1t,DH5R!LD$D$AD9L$uD$xH5rH1:{fffff
.AUATIUSHtVIL1"HHtiHL11HH`HHxI9HuHHLjH[]A\A]f.H
AAKA
?H1[]A\A]fAWAV1AUATIUSLHALHMH4$H59HvHt|HHHD$LH4$IMLDH11LALhLL$LwH5*HH1w9HD[]A\
A]A^A_DH
QAiA
E1Lf.AWAVIAUATHUSHH-P!AHHHDHtHHP!HE@t MEA;AqAH5HH1L-
~8H5*H18HaH5HH1m8H$H5H1X8H5YHLH1A8H5HHH1*8HtHIaHHLHtIDLH11LA$LLuEH5!HH17H[]A\
A]A^A_HD$` HHD$LfoH5HH1$foL$`E1E1ffo-
fD$pfofofofofdffffdffffff)L$`)D$p6H5H16H$H5H16H5HHD$@Hl$ DLD,HD$fDLhA9OWDL\H8pmHs
Ht*H@HHt!11HL$hp)H5 HHl$ @~Lt$H5LIHH1L5H5HHH15H561HLH5HDHD8D%@@(H$Lh
MkIEH^HL$@Lt$8H\$@HDHHDPHLHL~jHt$HDL*HL$H$L
AULl$HAL9t#@LH|$HIrL9Ll$HuEv1fL5L-bH5HH1n4H5
H1]4H5k
HLH1F4H$H5a
H114H5f
LH14H5H!H|x@H5
R H:|f.A7H
AiA
1Ht$@H{H|$@H5Z 8fDAL57L-H$L5H6LIL5L-sDH5Q HL{D$,1H5j"H{D$,H5 HzH5
HzH5
HzDHLbHL$H5
IHH12H$H5
H12H5
HH11H5VHH11H5jH11H5
HHH11|HTnHIHH
LHtI11H11L~L(L`oHL$H5;
IIHH111Hl$
FfDH
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1AUATIUSIHHH\$HHvHHDHD HHD$^HdHtHpHtvH= HD$H5H@HLtHL3pH[]A\A]f.H
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WHD$H5yHP1H5HH1[]A\A]fffff.AWAVAUATE1USHHHHLHILA9DLHh,LxHHHx#L`@IA<$uH}u
H9H;uHH5VH)H{H}HHHLHHHHLoH5]aHt[ALA9H[]A\A]A^A_L1fH
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1Dt$IH=HH=W!HIVH=HH=%e!HuAHe9HcIH@8mSPia=xx3x)I~Ht$1IIHD$8t@H
Ac
IVMFH5H
1EH5KH6H
A#
H(1[]A\A]A^A_@xnvxlI~Ht$1IHD$8>fDHxiAH
Ac
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H53 MH1lH5-K1^#fI~Ht$"H|$.fADLDdHLMHLDt$D}t9H5KHAH<$=A9H([]A\A]A^A_H
AmA
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1Hd1HdH[]f.1ffff.AWAVIAUATIUSHAHdHHHwAI~3AAHCXIEN@Atg}AHt.sHtd@1H[]A\A]A^A_LkXDAoE
C(oC(AEAoEC8MtLLDHL[]A\A]A^A_q@oC8AEV@HC8HtHKXHSPHsHHDcPEHC@HD$CTDDcPA)EDcP~2
CTCTHHCHHH$uH4$DHAhHHD$HtHKXHSPHsHHCTLLfDDcPEj[fffff.ATH5USIg`1qxHtZH5wH#wHHCtBH
HLHC
CaLa[]A\H
!AxAq
H5Hlsv[]A\fff.AWAVAUATIUSHH8eaHIjtMtRxNMtIHItAA7HD$(L%D$HD$HwIcLHa1H8[]A\A]A^A_fA9oL
ANWLZf&AWHcD$I))AWA7H|IcwAWLIwfA)G:A7AGHFAW$1[)A;GAGHIGAO$1EG
H|HD(AoAfAWPIG0HD$AGTDAWP)AWPAGTAGTHIGHHT$HrTH4$H0eH$`Ht\$$EIG(HtIOXIWPIwHH
tRAGP~jA$@AGAfA`@H$_$Af.HD$HtIOXIWPIwHHAAGTwH
_HsD$xfAWAVAUATIUSHHH8THHAF^HIKqxLMtGHIt?A7HD$(H-
DHDHwHcDH@Hk^1H8[]A\A]A^A_f.E9gDLANWL9c5AWHcD$IA))AWE"A7HsfDIcwAWLIwbA)GBA7A
GH8AW$1D2D)A;GAG6IGAO$1EG
H|DHD(EgAAWPIG0HD$AGTDAWP)AWPAGTAGTHIGHHT$HoTH4HbH\Hp\$$EjIG(HtIOXIWPIwH
HtRAGP~jA@AGAfAR@H$P\$Af.HD$HtIOXIWPIwHHAAGTaH[HoD$`fHKH(HtHHL$~D$1$)D$SiH(fffff.
USHH1HH%i~H$HUHT$HH[]f.H(HtHHL$~D$1$)D$hH(fffff.USHH1HHh~H$HUHT$HH[]HATUHSIH0HH
KHSHHL$HKHB HL$HK HL$ HL$PHSH;1
sH5HcnHHD$tGHSH;Ht$HC(I$rHS H
HtCI$HH+S()EH0[]A\@H
)AA
WH01[]A\@1DHtsAUATIUSH5HHHL)I}(mH;H5IE(I$EmHH[]A\A]fD1DHATUISH1HHHSH;qH5IHctmHHD$t
BHSH;Ht$HC(HEqHC HHt>H+EA$H[]A\H

AuA
H1[]A\@1DHtKATL!USHH5HI|$(lID$(HE[]A\1ffff.AVAUATUSH0Lb
Ht$MBI|$6H5'II0?mHHTHHHLHhHIHH5PHHH5H2LtHDHLHD Ht$L
AT$~PHD$LkHLs1HHHD$HCHD$ HC dHD$H0[]A\A]A^f.HhUH5Hd$kH01[]A\A]A^DH
A<
1AVAUIATUASHIHHHHD$t{HHtsH{lHCDHW
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A)
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HH[]A\A]A^f
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tHCHHtHt$DHuWHCHx@Ht$1L! HIcHg
LI2 MGHL
fDHDHItH]HH[]A\A]A^fDH1H[]A\A]A^fDH
yA<

wfH
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Offff.AWAVIAUAT1USHIH(HL|LHDHHHHD$HAu3H5KHDLHLDH([]A\A]A^A_@HAuL1LH5KIHMtDLA
f
LHDHDHtHT$MHtIAtRH
Am
1JHAVIAUIATAUHSHHH_
D9tDHO
tkHC
t=H
AC
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fD1LLHHC(A,uf.1H[]A\A]A^fA=AUATIUSHAHhH1Ht+DHH)D$t(HLXH[]A\A]H(D$H[]A\A]fAUATUSH?uIH
HHt=I{H}I?9LLNHc
H[]A\A]DH
A$m
2HHH|tHD$ HT$(Ht$HT$H=XHHD$D$$L$
HD$0HHHff.AUATUSH?uqHtjHHH=HIAHHtJHtHcHEH{EMHctH{dD9IcHHNLu2
1H
Aom
(H5qHHtH[]A\A]1HMAWAVIAUATUSHH(^A?E1L-
5Ld$f.IIWLHLADD$ADD$SusAvA97K)k#9uH5HSu0KpH5D!oS""H56}

HL$8SL$uH([]A\A]A^A_fDDAWAVAUATUSHH8FHt$(HH|$L$$XDDLcDHFd5A
A
1A\IE1D$ fDA?tAIA9|N|5AAAD$Ht
}0D+L$ D$AD4D;t$~ELcl$H$AAN<)MlI=f.A A{;/x&AIH AGM9t};/yH
A{f
H
Af
H<$H5|`1H8[]A\A]A^A_fA\T$$H|$H%WDt$D$~LcFd5A
LLcBD5[Fd5A
2LcBD57Fd5@}0hH]A[Hct$E<H<$L$H
AmIcaHDL$trD|$H$DH
sAgf
H<$H5Nh|_1H$HD$(H4$D0HpH
AoAf
]H<$H5p_1i;ff.SHt[SS[E1HAWAVAUATIUSHH>E11L5ILl$
fDIDHSLLLADADNu|Aw93DE~Y)k#9uH5LNu=DEt@H5N
 NAuHD[]A\A]A^A_DADfff.AWAVAUATUSHH8Ht$(HH|$L$$7TAHED$ DHHD$McA\$Fl5A
A
1A\D$HcHIfIA?uA+L$D$AD4D;t$ EHtADHc\$IHLF8 A*x%IH CM9thA?g*yH
DArg
bH<$H5s\1H8[]A\A]A^A_@N|5D
A\4T$$H|$HRADt$rH
Ag
H<$H5[H81[]A\A]A^A_fDLcBD5tFl5AD$AA
LcBD5{AFl5H<$4HHd[HtsC&H$L$ EH
A^g
H<$H5_Z1E1H$HD$(H4$D0HpH
AfAg
H<$H5lgjZ1HSHHGHtbHHtH[HxHHt$t<Y
H1HtHt$H`HD$tD$H[f.H
A
USHHHo
ttz=tSt.H
A#
H[]H
HHH[]7H
HHH[]H(
HHH[]GH
 HT@HHd@H=Hw@H5Hi@H
HS@HyHtd@H=iHw@H5YHitDSHOr;H[H
KdS@HKd@H=K$w@H5K4iH
K$S@HKc@H=Kv@H5Kh@AWAVAAUATIUSEIH(HDHHAH}NHcEIc
H5sH0HL$WHHHL$MHLH H}DH
H5KHT$HHA>tAHH\$D9HLHuS11%fA*H
A
1H5IHVHH|$w1H([]A\A]A^A_fDAH
YA2A
oDDHsAVAUAATUASIHHt8ELDH

tH[]A\A]A^DH1n@H
AWA
H
YKP@HIKDa@H=9Kdt@H5)Ktf@H
KdP@HKa@H=K$t@H5K4f@AWAVIAUATAUSAEHHHsnHHbHEMcHH
H5LHLDTH$HHAMD!OLD$LHLLH{NHcEE~6At-HHCD-
7H{1HHHE6H=`KHUHEHnHteHHH[]A\A]A^A_fAAcHHCtIcH21H
AA
H%H1kfDDHff.AWAVAAUATMUSHH(tHDL$F
AgHH+LhD5IEHIE HB
t!MH9B
H|$HcL\G%
HILD$E111HHd5
\IuLF
|$LA%
A%H;L$H4$E|$DHHtNHHtA4H=KHUHEHlHtHSH(H[]A\A]A^A_1H
AA
E1Lb$
H
H1fDA
H|$E11HL$1L|3
_D$fHC
A1ofH
!A5l
1E119H
ARr
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KK@HK$\@H=KDo@H5KTa@AWAVAUATUSHH8HHtLDLL$jj1j$1LD$(LL$0AI11-
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 A:H
bHB
A7HHLxD2IHIGzH?
t!MH?
H|$ HcL-"
HI<LD$ E111HH52
IwLC
LE1!
A%H;McHH@ML|$H}DDDLXMH}Ht$H}Ht$H}Ht$pMHIQ1H=KITIHiHHL#HH
1H=KHUHEHhHHrH8H[]A\A]A^A_HHE tLHCE1H
&AA
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E1wHH1L

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H MHIcLHcHPUL|$(AWjt$ LL$0LD$8~
H AD$E1L11L-
AtDHH@HtHHc0HxHf.H
KD@HKdU@H=Kh@H5yKZ@AVAUMATUASHHMHxH?HctJH{LDH
t4Mt,H{T$@LD$D$H[]A\A]A^D1H[]A\A]A^fAUATIUSIHLHHt
I@HHMtH{H{I$AEHtHCHEH[]A\A]ffffff.HGff.HHCHHAUATIUSH5o!HH
_!H1HFH{tOA!HsHE1<HH{t&3LtEuH5^!Hd<fH5!HQ<H[]A\A]ATUSHnHt<IH"fDLHvtHHkHtH{Lvu[]A\D[]A\
fffff.USHHHHz1xHtH1H[]AWAVAUATUSHHHL$IHE1ILzfIL9LIHHHH)I9u-MtH5=
!H;~It$Hq?t4CT5H$]!H
M9H5dHHD1QyH1[]A\A]A^A_H5
!H6H[]A\A]A^A_DHAAWAVL=\!AUATL5&!USEHHHH(I!DHMD>AuH(D[]A\A]A^A_fHxudHD$x@DL$vHF
L
H;HH5nMATLLL1H8E1ZAYD@H511LHE1AZfDHDL$PH5HIHHHD$DHIDL$A>-H
H5!HD$LHDL$IE1LDDL~GMhHLSLD$AxyMAL$HcLHLD$)LD$E1AHt$HW[LDL$}EDL$_AVAU1ATUIS
HH5SHHH|$111L
|H|$0*H1H5$L1HH85wHHIL1Hg{
Hu
HH@H{)HH5
1L5HCD(HhE~}1A98+UD9tLH
hH5L1HA9uH5LK3fH
mY!H5L1H5@!L3H[]A\A]A^f&H&HHPH5L1KfDH5L1/AWAVIAUATMUSIIIMHHI,HDHl8H6;HCSHD$
0CD$,CD$(HcCHHD$8$7$9D$(EFHtH
^Ajh
d1HH[]A\A]A^A_LDLHT$(HL$Ht$0HL$,H|$8DL$pCD$,HL$8Ht$0LT$CD$(H)HsL\$KDL$C%HcHH;$H
AVh
DD3D$9D$,Ht
HL$8tH$HH)H)H|$0MtAMt AMt HD$0IEMtD$,AMtD$(AI$HH[]A\A]A^A_f.H
A^fh
HH1[]A\A]A^A_LDLHT$(HL$Ht$0HL$,H|$8DL$LT$L\$DL$H
HA^fh
N1ffff.AWAVIAUATIUSIIMH8I)HHl(H;HCHcKSHD$ CHHL$(D$CD$"tH|$pHH)H)H|$ MtAMt AMt HD$
IMtDAMtD$AEI H8[]A\A]A^A_@L$LDpHLHTHt H|$(LL$yCDHL(H|$
LCDHH{LL$H)Cs%HcHH9t$p
H
AVh

$$CfDH
yA^fh
H81[]A\A]A^A_LLDpHTHLHt$
 H|$(LL$uHL$(L$LL$fH
A^fh
1AWAVAUATUSHXH.HH|HtD$+Hl$8HDHLt4Ll$0Ld$@HEH$HtJ}uD}u>|$+HUHT$8JHD$AHHXD[]A\
A]A^A_f.H<$ILLLHl$HAA>HT$HL\$@ HT$8tSAH|$Ht$8EGLAoHT$8HH)H)HH@MtH|$L\$
DT$,HcJ4HT$`HHT$L\$ HDHt8L\$HxHLmHT$8L\$LHHT$8H)H)HzfD|$+H
A
j
E1@HIH)I)H
A^fh
H
A:j
E12fDH
qAA
wDT$,DH
AAj
DCDf.H
 Aj
E1HAWfAVAUATUSHHDHD$;HD$`HD$h)D$pIIHIEE9HAD$<ApMHLL$HLL$Xz;HSCHT$PSTDST@H
cSLHT$XED;d$@E` HtH
Ajh
AH
:l
1H[]A\A]A^A_ADD$<E1fHL$DHT$@Ht$PH|$XIDT$D\$LL$|T$DLLHLPCD\$ST$@HKDT$SHT$XL)SHcH
H9H
AVh
~fDEx1H
Al
~DAEH
rA~l
x~D;\$DVHtDLd$X#Hl$PL$< Ld$HQvMtHv
H
Al
}1(f7?@M;LL)HLHl$HIE LT$XHFH@(H9MLD$;LLT$;t
HD$HIH|$hH57D$6D$H
A^fh
}:H
A}l
|1.HLDHT@Ht$PH|$XIDT$D\$LLzLLD\$DT${H
wA^fh
}|I,HMHD$H@E11I}
GH5HHcHDLL)H)f.IDTHTXD\$Ht$<HE111HD$PSjULL$hH AD\$DT$|$X:D$<-
HHHDDLT(HDHD@HDHDPHDHDXHD$ Ht7A<$u0A|$u(I;LT$(LLd$HL$<L)`fHt$HLIHTH|$
Ld$X?xumHT$XHL$PkjHL)IH)H]H
A
zT$;1DH

QA^fh
WzAH
*:H\$`@Ht$HE1HD$;H/ET$;DHt$XHcLHT$;mDIMT$;KBID$4@Ht$XHcLL$Ht?IL$B%
BfHt$XHcLHhLhqHHET$;18H
A2j
x@M.MkAM|$;4I}H5r1HD$XA]IEHD$HIH
iAl
ox1HM&MA9$t1LL$JLLMtDHHL)H)H1@Dd$<efDH4HD$XAT$;ZHT$`HHrHT$UHHT$HDhLThL$<Ht$
XLxH
YAxA
_wL{IL$RoHIIL$;H
A\
wH
A*
vH
Aa
vVH
uAAl
{vT$;1HyHItNIH
1t$:A
3vT$;D$1>nT$;1H
AhA
ufff.1wHHcHfAWAV1AUATUSHHH4$EHIHIDML&AA9MLIL$dA?HHHHIDTLLxr$H$AGALLDTA
W$IOAWH$L)AWuHcHH9f8ED;$@MtAH
xAjh
~tAH
Q:
]t1H[]A\A]A^A_fHLtLH@AVHHLxH$HE11HD$0AWIUARRS1H0.ZI]H$Hu(HXIv
 HH$|=HT]IEHL$$MDHLl$L|$HD$ HD${HD$@HDzHDHfIH$}}|$xHEH$H
AH
r1PIWAGHAWAW$IcWLH$fDIN H$HEFE$HLPAWU3H rHHHDD;$AMt
AfH$@H$ AuaH
Ax
q1>fH
iA^fh
oqAfDIHHtLLAAIN H$M HEFH$LPAWjH AjR HtH$HH)H)AiH}}HH$H(+fDAApE1cHE1A$HLPAWU=H
$AsH
:

pDHHHHIDTLLmLLDT$H
A^fh
ofDHL)H)f(AVHHH$HE11HD$AWjAQIRS1H0A)^IEH$HH\$Hl$HH&f.H8TIv
HH$8HXH\$Hl$IEHWH$H$HH\$H\$Hl$ DdHHL.A<$#A|$$MH\$MzDdHl L$
HLHHLGAjfH$E1t$AjHHt$8LHAW AXAYbH$H)H)HDH$H8cRL$Mz|$xaH
XAa
^m1I^ H$E1L$L{ H$MtMo|$;H
:HcHDHHTyHt$|HE11t$ j1ATLL$@H |$yH
Ax

lfHS0H5'1H
BAT:
HlIv H$61MH$1IHD$0HHAH$HLeHSLcxHH9qHHH
E1LMIHLIH|$0L\$8gHHD$XA|$LWLL$(HH$Ht$0^_dLIHLMI}HSI9H
A x
kfDHKH$HHE1L\$HSLL$(Ht$8
A]A_HHHt$
j1jj1ATLLPLDpHL$xXH0LM
AGH$H+$D$PI)L$|${H$?Mt H$1HHAHSHCAL$HHD$8@ Hl$0Ll$XLMLd$8DHI(HH9I$t1LLeHItHLeLH3HSH
IAx
Oif.H$HIN $E1AHHPAWj H H$I}ML+LMH$HCDd$H\$Hl$ LLzD$A)ZfH
YAdx
_hf.HH
Aw
&h1H
AVh
gApfDH
A
g1eHE1A$HLPAWjH AsH
c:
ogA@DzDPfAAE1A"H
:x
gf.AA[H
AfH
A<A
f1MOIE&|$|HCH
XAx
^fH
2A.x
8ft$8H|$0Hb_Mt1HHt$0AH$H$+HCHHl$0LlXHD86H$E1Hl$`LlhLtXHD$0uHCE1HL9tEEAHLHD$PLL$(
Ht$0ZY3ML+$L$EgHD$8(IL9{Lt$0Ht$8LEaHIHLaH$HHHL$8A>.A~#MHl$`Ll$hI|$zDLt$XLxHDzH$|$PH$
H
UAx
[dfDLHU.HD$0H|$0H6HSLcKt$jHHt$8LE1AH[A\HUCHI(D$8H93LIHLMIH|$PL-H
A:x
cMIT$LC0H
%H5&1HL|$0M$LLU_LHJ-HLj\HSLcOH
AT:
bIv H$,wH$HH5A3A[H
AGHtjDHE1Ht$8HHAZA[KIEH
3A<A
9bALt$X|$zHl$`DLl$hLt$XHcH9CLxfHl$PLlXHl8Ld$0.HLH(]LH+LIH;CHL]HIuH
eAyx
IhaH
<A}x
BaMLtXHl`Ll$hDLt$X|$z}H$~H$8uxuHH$NH
Aa
`OD$8E1yH$HD$01wHl$PLlXHH$HH|$0H);[M=RH

.AH
4`H
AUx
`fAWAV1AUATUSHXHLi HT$8D$HD$HMHIIHD$t IEHD$$XnA?AHHcHt$
LHXH|$t1LHHD$HDHIHX[]A\A]A^A_H
Ax
_IW0H51h}HX1[]A\A]A^A_IHTAHt$DHE111HD$PjtPLL$h{H
Ay|$AEAH
^Ax
d^PE$LAVLHT$HHAU AXAYH|$t1LHHD$H}ILH&WIWMWxHH9IHHDHnHD$HE1Ld$ALHD$HLIHLl$
YHHD$0HATL$AHTHHt H^_ILLd$IHIWI9EH
A x
]IALT8HD$Hu E1AHD$HHL$BH|$8EH1HD$$1AVAQIAPARLDsLTHzH0A"LT$sFM
AEHD$HI+$D$(I)LT$8|$CH}H|$t1LHHD$IWMoAH\$fLI(IH9IEt1LHWHHtHHWHH%IWIOHAEHHE1SL$LH
T$H[]*fH
9Adx
?[+LH-A3H
:x
[1fH
Ax
Zf.|$DIGE`H
}Ax
ZofDDBD(
f.H
9A.x
?Z+f.H\$MoE1Ld$0}DIGE1HL9tE$AL\$ HLSLHt H|$(ZY-L\$ L+\$HL\$8AFI(IM9wD$ LHDt$
UHIhHH|UHT$8HD$HHL\$H:A;0A{%|$BICLd$0HDHHDBHT$8|$(xH|$8lH
Ax
XH|$L"fDLH}+IWMWE$AVHT$HLLHAZA[(IWEHH(D$ H9LLd$IHH|$(LLT$."H
A:x
WLT$MIRMG0H
H51=v1HHM,LSLH!LHPIWMWLct$ M;wI^|7GHHI(qSLHf!HHI;GLHUSHIuH
Ayx
HD$VLT$$E1jDD$T[A|$BLd$08H
A}x
VMLd$0|$BwH|$8~HD$H8uxuHHDHQD E1LHD D$ I4HTHLHH)PH|$H
AUx
Uf.AWAVAUATIUSHHXHLq DHT@HD$Ht=MIHAt#Iv<H4$wH
HcH<v,@1LHPHX[]A\A]A^A_fDH
HcHH$Ht1HLH;LHNIUM}xHH9HEE1HHDHHDHHD$LHDt$PHHD$ HjLAHTPHt$L^_IUI9E
H
'A x
-TaHEHT$9Ht$<HE111HDPjAWLL$hH AA|$9E'H
Ax
SH$HEAHD$Hu
E1AHDHHL:H|$@H1HD$$RAQ1APAWILD$kH0M#AFHD$HH+ED$'I)L|$@|$;H;H<$t1LHH$IUMeAHLI(I
H9I$t1LHNHItHHNLHIUf$LRHLHAV

AXAYIMH3AEHLE1jL$HH1A^A_H
Adx
QIU0H5n1 p1KfA"H
s:x
QDH
QAx
WQD|$<gIENEH

Ax
QGfDD$:D$'H$DH
A.x
PfHMeD$E1Hl$(uIEE1HI9tDEALT$HHjL$LHt$ZYLT$-
L+THLT@D$I(IM9uxLH<LHHIHHLHT$@IHHLT$HEA:;Az0|$:IBHl$(HD$HPHD$:HT$@|$'H|$@H
kAx
qO@t$LHHH<$t1LHHOHDHHE@HL%!IUM}"fD$RHLLH]A\IUAFII(D$L9MDH|$LH
tA:x
zNMIWME0H
H51l1HHM4LEJLH:LHZGIUM}9LH A3U$jE1DD$LHT$PLHHAZA[~HcD$I;ELp|6fDHHI(ILHLII;ELHIHIuH
5Ayx
;MAD$|$:oH|$@~.HD$H8u$xuHHD$HI|$:Hl$(H
A}x
LICHl$(D$@8HuHT$HLHH)OGH<$0H
@AUx
FLzLH6fffff.SHAH0HHDHDD$HDHD$E1HPjZY~HH0[fD1USHHcn_H6H?Hc9HN)+DH[]AWAVIAUATIUS
IAH(HBHR DDHDLB0MLHTL1AlADTE A/AE1AAEMtTMID$
I>HH|$H@0HDL$HHT$LLDL$EIcItDDKAH(D[]A\A]A^A_AE1hf.A$u
HIHtetpHLu
)Hyl$
H5HcHft)HID$(HfE1KiLl$@LE1HHxDhElfH?1DT$Au0@H?1DT$@UH I|$(D(DH7ADA$ID$HtIH4HD$
HHcHDLDL${IDL$DD$DDLDL$FHDL$@IH<dBD$LzD$kIHpHcPHrHifDL$2DL$L@HHt$I?DL$HDsDL$
HHt$I?DL$HDBDL$AI|$tIT$(HHD$Ht$Of.@AE10fI|$(It,HHcf^HpDID$@tH7Hx(HYf.AWAVIAUATIUSHADH
8LZ u(IUADH=HLAHDH?t:MuM<w1HrHcHLLu?xHI9EtfE1H8D[]A\A]A^A_M{Mt<wH8HcH1LLAtLL
?HI;EHIELL$LAALHHAcE1D1D$H|$,LLH@.t|D\$,%fALHLAfADLHLAS(ADD$fD1LLAE1AD$,Mt1LLAI}IE
HDHs@HLHD$@HT$1AHyA0t$,)D9HL$DH$(t$,HHI;EHL$}0H4$L5@Hu?A,t$,|$DDHAT$,t$DAH$|CI}Me
D$~}H$IHLHD$?HT$HAHI(H<$D\$HHI;EH<$}*LLD\$e?HuA|$t.MD$1LLADHDCD$E1D$`fAVAUATUIS
HHHH<$tH>t/HALHH[]A\A]A^DI1AL~H5Hc@N
HIt&Ht$ALLHD$fL3H
iAAAv
AaDAWAVIAUATUSHHhH*HtLt
H\$@H|$@D$t#|AFD%D$D%|$DDDED$(A?t1AD$(@L+E1MD$
x|D8D$,HD$HHl$0E11HMfL*IV 1EHHD$H)D9AL*9|T$,|$(DHl$0{AAD$0xH|DD
L$,Dt$(H|DL@T$8Mv HD$XDL$1Hl$PE-L)Ht$ELHHD$P.L)9|E|$(u H|$DL$@D$0DL$HhD[]A\A]A^A_fDIV
1EHAtDdDl(D$DDO@HD$HDLDDDHDID>IV ELHQAALl$H|$?DL$4@A%DDD$LHHtE AD$
tELD8DDLDD,DL$ bALD8D$ DDDT,D$ D$8D$D$
DD,@l$(T$DDL$<>H|$HDL$<DD$L$Dp=ADLDL${'DL$fLe'HH5H<@Hj
HHDDLxH5IcC
HHD$ DLHDXHD$PH\$1LdXDL,HD$IfDL&HD$PHD$XEH|$LLHHCCHD$PHCL&9|DL$,L1DL$&Hl$H
HcH (HDDLHEHDXfHcUHuH|$XH&HcEHD$XL&&9||$8HD$XEHL$HtCH|$H5oDL$

H|$ H5T
DL$A0Hl$1HULH%L%9|ED$,H|$H5_
DLD D$,cAVAUATUISHHHH<$tH>t/HE1LHyH[]A\A]A^IE11LK~H5NHc@
HIt)Ht$E1LLHD$L3H
AAAv
:^HSHHF
uHt&H@HtH[HtH@ Huf>HFH;Htttktl=H[u11HoH;H5u
fHHxHtHXt1~tufDH;Hu[fDHF([@[ffffff.H7AWAVAUATIUSHHu2HV H
LjM<wAH
HcH@H?t'HV Hu<<<H[]A\A]A^A_@1LHAtLH1x,HI9D$~#HID$HL4L4LH1LHAuH;H5~K@
Hi@HLH[]A\A]A^A_DIt$HtHH[]A\A]A^A_0HBHHLH[]A\A]A^A_D<LH01LH=2IDITHHL4E1AfI(1HL3HF
HHHD$3HT$HHvLII;D$|Mf.fD<5H
}HcHLH`0
1LHALHT1IDITHHL41LHAH;H5'}sm
HLH/HI9D$Hk(HID$IHj2LH_f.LII;D$fH1H|$H|$HfD1yfAWAVIAUATIUSHHAAtH<$ItbI/1Lt$(fDHIt$
DLHD$Hf9|H*IH[]A\A]A^A_@It$ DLH[]A\A]A^A_HtKSHHHF HtBtH@
HYH[@H@HkH[@1D>t;HFu1Ht/HfH@x>t]H;2Ht$F7Ht$HH> H[HH;HpfDdH5z.
HH@HHF(>tgHFta>HFt~X1HpH@8H
+zA/Aw
)31gfDH
z>w+HcHHF HuOHHFHt?HuHp HF HtH@ Ht@H@HtDHF Hu~uHF(fAWAVAUATIUSHH(HV HLjMt<w>H
VyHcHD<w%H
YyHcH@HLt1H([]A\A]A^A_sHL>H
xAAy
1H(1[]A\A]A^A_@<wHxHcH@11HLAcH{(nH5'xze
HI$j1HLk*CHL8+H{L{HD$AH$/HLI(IH;CLL,HIIw t H|$H<$uuH|$HH|$HHBHdHLTfDHSH+HHr t
LdLdMI$E1H{(H5va
HI$HL(M1HLAHLH
^vAdy
\/H(1[]A\A]A^A_11HLAtI:fZHyI$ HI<$1"DHI<$11HL
(>H!vHcH@E16HF H~H@HqLuHFHHHHp L9EHF
H%H@ Hu@8fDL2M=f.I<$H5t
I$H
tAA
-H
itAA
g-HF H3HVIHV(A$OfAWAVAUATUSHHH(HV HLbMt<wDH
tHcH<w)H
tHcH@1HHH([]A\A]A^A_11HHAltH{(H5csz
HHEt21HH%H}H50s
HEH
sAAy
,H(1[]A\A]A^A_@<=HsHcHHSHHHr t
HlHl0UHE11HHAt`H{(H5Sra
HHEHH$1HHAq1HHH
rAdy
*H(1[]A\A]A^A_DHBH HHfDH{(H5qa
HHEhHH#fHHE>H1rHcH@E1HF HvH@HiHIHFHH@Hp HHF HH@

Hu@HH#H{L{ALt$,ftiHLI(IH;CLHb%HIIw tH|$Luut)H|$oHH|$t[Hfu1HHjDHxM{H
oAA
(H
xoAA
v(;HF
HHVHV(UfHHH|HD~HD$H1AWAVIAUATIUSHMH~?L%rfD~(LH(t1H[]A\A]A^A_fH5IrH9uIH@u=Ht`ML
H~H5.HHuMtLHk@MuMTMt9LHU:MtH5d!1LHlM^Jffffff.AWAVIAUATIUSILHHT$8IHD$t
HI Hq0Ht$E1@uMnt
LdPLdPMtE
MNH LqT$8H
H5%nLLE1
M$$HD$X1Lt$HDLLd(9@~H5D L
LHL$|$8E1HD$XLq DoMV
MtMZMtL|$`Dl$hHl$pAI~HEtH5lmL~DL9U5E@H5mL11H[]A\A]A^A_fDHtwH5mHcH11IDLLTtLTMIB8HI
DLHt$Ls*MIB0H
IH
DHt$L/H5 L[
fDH|$Lx
HcI;VBH53lL1Mt0HL$`LHt$L\$AL\$CI~IFTt$8Dl$0\$<Ld$@HL\$HIHlLlt$ FHL%LDT
HHL^LH(II;FHLHHu@INHHt$IDLkM^ E1MS
MtMJMtD$8L|$`HlpDhAt%I<$t4<XH5ckHcHI{I<$t$8HL$ILLH51jL1IH|$(HjLiH
a H5_jLLDD$8P1@Dt$8HL$ILLLT$L\$DkLT$L\$MIB8H1IDLLLDfDT$8H
 H5>i1ML@A>HEZIVHLD$XHUHhHD$HD$HHH5iHcHIFHH|$L4LILDHLo&fDT$8H
H5h1L1>Dl$0\$<Ld$@L\$HHl$E!MHL$`LHt$
ALtt8ILLLL$L\$LML\$LL$MMt8HL$`LL\$LLLALLL\$KD$8MkI{D$\$MLL$ HHl$DfHLLD$T$HHLNt-
HI(HI;FLLHHu\$Dt$8HL$ILLL\$DL\$IC HZH@0HMIH
DLLnDH5 HLLL\$[xL\$HcI;SH5~fL11H5fL1H
z H5]f1DLL\$L\$LD$0HT$ "HHDHT LD$0HD$H.HLLD$0HT$ rH5LHT$ LD$0LLLX4LL-
HDLHHHTC,HTHIHn PLLDH5e1LLLAxH5
LLDLDA1D$8IpLH\Uf1LFPHI6HLoH5dAL
EH5r LLD$6LD$DLIcIpE1T-HU
LL(LD$XAPHc@IcIpM@Ht$HHH5cLKIKHT$8ILL1gHD$HDHDH5bLLD0HT$ HT$
HLD$0A;MkIM4$ItEIIInHcJcHLLU=LL4%M,$L[DHHuH- L$LPLH5b1LHL~bA~H5!
LAtL$8IvL1Yv1LnMHH`HLH5aAH
E0H5 LcIcIvE1L$8L1*HU LLZ{DEH5`LL$L\$uH5)
LL\$LL$ICHLHHtIHT$8HAHT$SHHHT$=HD$E1HD$HT$HH5`1L1|Mc.EMfMvL~L\$L\$ITHfHLL\$H5LL\$2
M4$EnAMcIPH5_1LLD$>|LDXLL \$MHl$EM1HL$`LL
AH5_LJIV(H5_LEA$H5^H^LHE0fH5^qDL\$gL\$T$8H
H5^1LLL$L\${L\$LL$.L\$E1HL\$5CIS(AH5^L-~IVH5^1Lzff.H5Q^H'(
Ht H@H
)^A)A
HDBHDff.H5]1
ffffff.Hfff.H7fff.HGff.Hwff.HGff.Hwff.HGff.Hwff.HG ff.Hw
ff.AWAVH:KAUATIUSLHAHMHDE1Ht$(HuMn0Mf
E1MtMT$MtHl$0D|$8H\$@AudI~H|$(uyt21DILHH5\HH[]A\A]A^A_H|$(tH5]HcH@INHtHt$(IDHf1ILDH=MlI
D$8H^Ht$(IDLHIfDLd$(LLx
HcI;VH5@[H1w1ILDH}IF

HH@0HHt$(IH
DHDf1ILDHLT$(MLT$t-H58ZLT$uH5 HVLT$Mt3Ll$(HL$0LLT$LALT$^I~AGMfHDLl(D$$W>HLHD$
HL$T$$IHHtEH|$I(LT$HHI;FH|$LLLT$D
Hu1\H5YH1u1@DMH5Y1LHufDA>MfILl$(II-HD$(HD$II}HZJcHLHK3H5 w1LRDHHHH{H5XAH
E1CH5 HIIcUIuE1DHk! HDLdPL(L HHH9 LPLHD|H5W1LHHUt1A}7H5 HAUIuAOHOVLH 1<HS
LHr1IFHLL,L
ILDHDLl$(EeAMcMceIEMmHD$LIH5VMHL$0Ht$(L
AdHD$(HD$HD$'H5VH?1DHHD$(HD$IXH,HH5xH1HH

H5U1DHLT$@rLT$1BHHD$(HHD$E1lIUH5eU1Hq18H5TH>1IV(H5UHa1SH5`WHPH
Ht
HX@H[H
1WAA
HDJHDH5W'
ffffff.Hfff.HGff.HGff.HwHff.HGHH
!!K@H!KD@fD[ff.H
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HHCC[fDfDAUATUSHHtoHHtgHI Ht^AtXHcY HtOH;IH5/QLc
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PAAs
1}ff.1HtiHHtaHI HtXAtPATU1SHcY Ht;Su4HHItH>HSH3HCHEMtHSA$[]A\fffff.HFHHHUSHHn
HHEH<HUHD$HEHtH|$AHM
HuH~%HT$H1H;uaHH9tWH0H9uHE(Hu>uQ1H[]fDHHD$yHE0HtH[]HHF[]DAH
#On
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yK@HiK4@H=YKT@H5IKd@H
iKT@HYK@HH=K<HAUATIUSIHHt]Ht6H;.{L+tH{LDpDH[]A\A]HHCuH1[]A\A]DH?zH{L+HCH[]A\A]@
1ffff.HtHHHtHAHtHtH@HDfUSHHHHFHHH[]1HUSHHHH6H?u"H}HsHtH[]-
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HL$HHAtH5K1HA HA1HH[fSHHH5I@67
HC[HHHtuHDHpuHHff.H=jKt@ATUL%?SHDHxHxHHIuALfh3x
fDSHvHHtHxHt
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@HFHHHu@HGHHHGIu
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I9Y1H/SHHHD$GH|$DuCDcCD$ScCSSH[DSHFH3W3VAAAFDD3A3NDDD1AAAAEFFD3VD3FD1AAAA
EFFD3ND3FD1AAAAEFFD3VD3FD1AAAAEFFD3ND3FD1AAAAEFFDD33VFD1AAAAEFFD3N
D3FD1AAAAEFFD3V$D3FD1AAAAEFFDD3FD13N(AAAAEFFD3V,D3FD1AAAAEFFD3N0D3FD1AAAAE
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NDW3V@AAAFDD3A3N<DDD1AAAAEFFD3V8D3FD1AAAAEFFD3N4D3FD1AAAAEFFD3V0D3FD1AAA
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D3FD1AAAAEFFDD3FD13NAAAAEFFD3VD3FD1AAAAEFFD3ND3FD1AAAAEFFDD3F3VD1AAAAEFFD
3ND3FD1AAAAEFFDD33VFD1AAAEBD3N3BD[D1AA143DD1OAWAVMAUATIUSHZHHXAEHTAPHH
HIHt$ H<H\$ILl=H|$H|$HHHfDA<AtIH11HLDHTLDHTLeEu@u@u@u@uM9UuH\$H|LLd
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hPAE}AEDE~EnADAFDAFDAFDAFDAFHX[]A\A]A^A_AKIA{IsH L^vH 1AKIsH~vH wL_H AsH
1H4$H|$HDHTLTHLLATALAAADADAATATATEA~A^AFE^AvAnAVHX[]A\A]A^A_AAfDA
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tHAHc2L4(AHH9fuAEH8[]A\A]A^A_fDt$
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FH~ I9HFHw I9HFHF6 I9HFA1MII9uLdHD@HLIDAFDAFM9uLHDHLHDCDCI9uH[]A\A]A^H50H(p
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tq1ftoooFGoF G oF0G0oF@G@oFPGPHF`HG`FhGhFlfGloHFHGFGDt+tHu
1@1HtpfDH1HlwHLOHGHGfIH
L1HHkH)lHfA8LwHDHGGffDGGf
HGffDGGoGDfff.AUATAUSHIH_Hft'f
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HD$H[]H1[]HtHG(fD1ffff.1HtG@1HtG@1Ht.Gu't!WtDf1HtG@HtHGfD1ffff.HtHGfD1ffff.HtcATUSHuFH-
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DHAQE1BHHHHf.HHHlAWAVAUATIUSHADOEAID$HN)DBDIAAAhADPA9LD$,HcLt$PE1HD$0ADlLt
L$A.D$ A@Ht$@H|$8DAD(D$LMDL$L$HL H|$H5"1!4EDL$L1HcHDl$$A!HIMJAH-A
H!DD13LHcHH)HI9t-LHH)HvD$H|$9D$ DHDl$$L$9L$}[DD$
!IHI9t=HcHHH)Hv&ADp@_ACD<PHcHD4PH)A9HvdsHcHT$@DP
H|$HcHD$8D4PDD(Lt$0D$Dl$D)l$;D$,jD$(H[]A\A]A^A_@HT$@H|$HD$8D$D$(Lt$0DDlD)l$ 9D$,H|$
!fGHcHH)f!HcHH)HHt$
fFHHcH)D$(/fE1HHH=qfff.AHHH=NyfHHH=Qfff.AHHH=.9fEAWAVIAUATIUSAHADDtA@1L=HH$H9$t

uHAT1LL#EAuH5^; 1L#H9tTH
X H5 L1#T$H
: H5 L1u#LcD$H5_L1CTY#H[]A\A]A^A_DAUATIUSHIHHHHHI$H9wZHteH9H9sgHMHuSIEHJHD*H
A7A
1H[]A\A]H9sHBHDH[]A\A]HtHI$H9wH9bHwI}HDD$I$Ht4H]BHv
HoIEHIDDfH5)6Hu
HIEDD$
HHt"HuDD$HHhHDD$I9$HEfAWAVAUATIUSIIHHXD$$EDH@Lu3M"1|$$DDD$$L t#ALetL6Q H
ALEH=nH-Ht$0 McHDHt$(1D1DCIHAAHAuAELAEL$
LT$A)HcDL$D0c$D9DL$DML$ E1LT$D)+T$EEEH)DID$E9D$ELT$$<EL%EuIMH9
H9vI$HHBHEDIEEgI$HHUIEH9vD1HX[]A\A]A^A_L$^L\$IDLLT$MIHHH9H9s!IHHEHJIM
DIHt_IUI$H9vUDT$$ADD$DD$$LHLLLTyLTHIUI$H9H9GHH}HI$HPHqBHr
HHEIUI$f.H9HBIE fDM_HUIEH9NH9H8I>HLTDD IEHBLHL\$q
HIHUIELTDD L\$H9IEEfDEt(A0LHLLAukCH|$(HcHHTH)IDHL9;DLHLLu56LHL\$p
HIIHUL\$DD$ LT$Ht)I4$HHDD$ HULT$L\$I9UI$IHJHMDt@HD$D$$-D$D$$+H5!6Ho
HHEIUHtI6H:HjIUI9ID\$u eft^A LHLLDuD$D$$ CH
|A7A B
L\$MLTIDLIDD$@AWfAVAUATUISIEHEDHHt$HL$f.$dDD +xDED$E1f.vfW,f.
f.H,A ANE4A
4H,'tHd"6:KA`H,fH*\fYL,I*\f.II9rHI)H|$@1LIH|$0fHsIHHHH)HAHHuEEHcD@
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f.D>f(D$E1|$EDD7DA_d@$$uWDDE1D$ -f(H\H,H1*D$%D$DD -E1f(f.v#YIf.wf.v@^If.w$|$of(fDD -
`f.E}%Df(fDYu1f.D$EDADID9D`(Icf.HHfHH H*XDH$AgfffMAI1
f.DDOA))HcAAHuDL$,FAD$(A)EA)A)D$,D+L$A)FE1E1^EcEDt$ r\$l$
DDd$8Hl$Ld$fDA0LLHLuD$%(0f.zuD$E1>Af() fDl$L|$
Dd$0L$(ub$uX\$()GDdHlLd$fA0HLLLuHL$Ht$A.LL}tEl$L|$
Dd$0L|$HcLd$H\`HT_H)HH@HH9DELLLLMu@

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'G$0D$,EP^
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GDd$|$tXEtHH\Hl At3A HLHLubl$L|$ Dd$0WAG$HLLHtL EA AEGMA-
xA+HLHtLLT$,9D$,L|$HcH\HH)
HH9 DEHL$LLLuEEL\$l$8MD\$<H\$Hl$I@fDHH9thH9sIMHHHJI
fAIMHtIHEH9v@HIHEH9H9uHH;HHEHtRHC
BHfc
HHIHELfDH9_HBI OH5 6Hb
HHtMIHtIuH7H?IH9UIEL\$Ml$8IeD\$<H
A7A D\$D
D\l(Dfffff.AWAVLVAUATIUSIHxD>HlpHDXHD$`HD$hHlPDE11AE1EHThHDXH9tH9)HD$PHJH|$
`HHL$hHT$hH|$`HJHfHLQHx[]A\A]A^A_A/IFAHEHD$(
IcHHsHDL$D\$LT$HEHHD$(-HHD$0D)ELT$AD\$DL$)A9AA
ED)E1LDHDXEH\$hLT$8D\$@HDHD`IHD$ HD$PHD$HDIA;l$ HL$Ht$ A H|$HuH|$`H5q_
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HHHD$`HT$hH}Ht$PHt>HT$hH9T$XH|$`HD$PvHJHLhHThH|$`HJHHLOH|$`H5gvD$ _
D$HH|$`#LHLD$X)H"BLE_
HHD$`HT$hHD$X47H
0HcHDAG<.lH
)HcHADL$ D\$LTT(LT$D\$DL$ vET$(DHE:ICD\BjA.[E:IIADL$ D\$LTT(eLT$D\$DL$
.T$(CDE:IDlBAG<|HHcHA%tKHD$`H\$hHL$XH|$PEDL$ HHD\$LTKDL
D\$1LT$E:IgAG<Sw5HHcHA/IFAHHT$hE:IA*A/_IFAE:DI@A*A/IFAE:D(I@E:\$If.E:IBD$AluEzIBD$IF@E:
D$I(fDE:D$IfDE:D$IfDE:AIAME:AIE:AIE:AIyhfDXA
DA@|$t\$t /IVALAoAtAuA
DDLTHDXH\hHt`H|$PHQASHAUHH LT$xA AF=IVAFHL$XLT$H\$hHD$`H|$PjAQHEEHZYLT$
A AF=/IVAFHLXLTH\$hHD$`H|$PjI|$At(\$t Z/sIVALH\$hHD$`LT$HL$XH|$PHAQHASA
AUHHD$`H\$hHL$XH|$PA%LT$HHLT$+fDAF=IVAFHL$XLT$H\$hHD$`H|$PjA/
IFALTAHLXH\hHt`H|$PHAQAASAULA/DIFAH\$hDHL$XHt$`H|PLTHLT$J5DH|$XHD$P|$/IVADH
A7A
H|$`AAE1D|$H|$0E9HL$(ACDl$8H\$hLT$HD)MEHDHD$@HD$0HHD$0HD$XHD$HD$`HD$
HDPHDHHI&fD+D$(D$8H;l$0H;l$@HDEHLHt
H|$HuAt*AuH|$0D$E1E1AuH|$0AD$E1@|$9/IVALLLT$8ED\$@LIAHLT$HELMAD$$E9HD$XD\$H\$hMHD
HD`HD$ HD$PE)EHD$D$t-D9l$t&HLHt A
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$8LD$@LL$Ht7)D$P)L$`)T$p)$)$)$)$)HHTHDHD$ DD0HD$iHAWAVLmAUATL-FUSLHLbE1HXE1
H|$8Ht$01HD$H1AE1t^HVHL$8H9HHCHt.H9w)sHpHtHHDHHH=w H9s
@HX[]A\A]A^A_@H9srIcDLfDnfDA<.HvHcHfDL$(DD$ L\$LTLT$,L$LT$L\$DD$ DL$(D*,
Ht$0H|$H.AIDL(DD$ L\$LTLT$,-L$LT$L\$DD$
DL$(CDDCA$Ht$0IH|$HT$,:A<HHcHf%uvA$IA<SIcLf*K
Ht$0H|$HEDHCD|CCfDHD$8HH9HWHT$H81Ht$0H|$HVA$AIIA$ID$Al,I#A$AI
AAIAAIA$AIAA$AIAAIAAI}sA
A@AEt1At
AY/HUEHoAtuA
DDL\$LTHL0HT$HH|$8HAVAWAPI1wH 3Ht$0H|$HLLT$L\$L`E1E11AE1A
E=HUEHL$0L\$LTHTHH|$8jAV1EZYyA
E=HUEHL$0L\$LTHTHH|$8jID$;H9HD$8IH@HWHT$H8%Ht$0H|$HLAEtAt
A>/HUEHL\$LTHL0HT$HH|$8HAVA
AWAPIsE=;HUEHL$0L\$LTHTHH|$8jU/HEUL\$LTHL0HT$HH|$8AHAAVAWAPLU/=HEUH8LU/hHEU
EHHDAEAHIcDD$(L\$ LTDLHTDD(DLHTLT$L\$ A)DAD)D9jEE6AHt$8H?HL$HH|$0H9,E1H9s
HyH|$H
AAE9Ht$8HHL$HH|$0H9vU/HEUHT$8HH9HOHL$H:LHt$0H|$HsLdA./HUEID$AL$AAAE1HDE9H|$8HHL$
HLL$0L9HL$
HHrHL$L9sLILL$HAH9t=E9|H|$8HHL$HLL$0L9HL9VrEUDE9|@HT$8HeHDHHL0H9RDD)HDHHL0H9
7H9s
HHHL$H AA9E9| @HT$8HuEEE;EHHDD$(L\$ LTLHT$)DD$(LHTLT$L\$
A)DtEt?E1EA/HUEHmHAIDlE1HDAH`AQU/w=HEUA$D8IHt$0H|$HHEHPHUHEHPHU/wHUEHcElHUHBH
EHEHPHUHUHBHEHEHPHUAuREE1/wHUEHUHBHE1HAE1EHUHBHEcHEHPHUU/w=HEUA$DIHt$0H|$
HKHUHBHE.HEHPHUHUHBHEHUHBHEHUHBHEmHUHBHEPDHHL$8LD$@LL$Ht7)D$P)L$`)T$p)$)$)$)
$)$HHLHDHD DD0HD$HHHL$LDDDoxDHfDkH@rff.f.ATUISH1HH$tH[]A\11IAHVtHH<$tbH
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A)kj1
H<$fH[]A\H5jH1

H[]A\H<Hl1HHH<$t1H|$uHHLH<$xATUSHHHD$t"HI1tHH[]A\DH
A@qk 1
H[]A\f.LL$11AHtFH|$tWH
(AJk 1<
H|$UDH5H1
5DH|$HffA$fDfffff.S1(sx
[fDhH
zA
[ATUSH HTHtHDHDHD$*Ht$H|LL1AtLH|$H|$H5B
H|$H5B
H []A\fDH|$H|$AH|$1D?xH|$J1HZ
IDH []A\AVAU1ATUISHpHH MHHIMHt HI$H
AAe
 H5LyA
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ffff.AVAUIATUSIZE1HHo8!EHu~xHcMHHI~A>
@HHG|
tREA9N9|UA)ID)AEDEuL/I}@U!~EEEaAD)EDEEHD[]A\A]A^fDE1ALD$4D$AtEDNH[D]A\A]A^fff.AWAVA
UATUS1HHHo8IHH@IAE1y

]!@Hu!EEtEA9HcuANHuLLcLLLDWfL$M)MAA9~ULD$A)MUI~@D9}@AA9t0I~@HA)IDL
L3EufDH[]A\A]A^A_fff.AWAVIAUATUSHHo8rII~Je u2zAtI|$@HtfLL-HXfD~%
uH@Ht.E ffOuM1HH[]A\A]A^A_@Hcu$I|$@Hu#LHc2~]$)] LU I|$@HE
LL@,HH@tWI|$@LLe,LH72TfHD}ELeAL
D9}McH5ALq2
HH=A~
D9uH}H9t!H5rN2
H]HED}H}L9H5DU1
LeHE Du
Ht$1Hc]HcuLL9IOHuHTcAHcELcH9H5$L1
HHPH}H5'31
H]HEDmLLb@H@HEHE HQ*HfHc] HH@Hv
*Hf@Hc]HUH@HF
)H6@HcU1uL+HHcUuL1*HuHULc]DNANLLHyABA95^1A8
@nEKMcB<

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ffofDofoHA9ftffdfDofD`fhfofEofAefofDafDifofefEffafifAofEjfAbfAfAfDofEofEffEbfEjfDofAfAfDofDffAjfEbfD
ofAffofffDbfjfAffDofsDfAfH~HA9H1A<

HH9xfDHc] iH]hDuE@H@L%H)EDAD;uH]McAH5FLQ,
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A)A9udAD$$fHcAH)tAD$9|I~@HLD$|)D$SEDDG@EIt$~gIcHcD)HHHHL$Eg[AT$ HLItDHAL$$AT$
'fDAT$ AL$$)AL$$AT$ tItI~@HcHOAD$HcI|$HcHAZA\$ fDAWAVAUATUSHHHo8E1IH}H@tvIXEU
M$A<
A)A9uiE$HcAI)t4E9|I~@LLD$'Eu
D$DEHD[]A\A]A^A_DE1EHu~WIcHcD)HHLHL$EYU HL$HuDIM$U fDU M$)M$U
t$HuI~@HcHaNEHcH}HcLAcY] <ff.HIH@Ht"f1ffff.AVAUIATUSHHo8HI~De{u
IH{@H'LLH[]A\A]A^] Dwt*uH@EHf.H@HEUH
UUH{@HuHA%EED)D9~H}IcHcHeWUD)D(~9UH[]A\A]A^H
A*A
m
H1[]A\A]A^fDHcEHuH@Ht
@H@t7H{@LLeHHD$%HD$a@HcEH[]A\A]A^HcULuHH[]A\A]A^@H{@ELLDLcH5L%
HHHuH9ED9~8DmLHVH}H5^$
H]DmLcIcuH@Ht"f1ffff.1HtAHO@Ht8SHHHHD$H#D$H[DfDHtSSHG8HH5XH8#
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wHH9uH$E1Ef\LHLL$TLL$AVHD)L$DL$I6DAVI}@AAFAE)A9EfL$I)EuIcVD)HL9YEMI6D~EVIcHE)McM
9XLHDT$L\$SSDT$AVL\$I6I}@D)TDDTAVLANEfL$
LDEH(D[]A\A]A^A_I>IcIcDL$H*REfDL$E)fHAH$DEtSM\D$~
E"\$DL$zIc~HcHI>D$VRD$A^ATfDIcVL9}M~I}@DHA~D$HD)L$H{L$TfDLE1fffff.Ht~"f1ffff.USHHHHF
H1[]HHH[]DHIH@Htf1ffff.H@Htf1ffff.H@Htf1ffff.Ht;SHH8H5K
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xH([]A\A]fDHD$tA]D$f.1DH|$~&D$9~u
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HH"H{@LHeHHDHDH[]A\1DHHtS~OHO@1Ht<SHHHHDHDH[ffD1DHIAWAVHAUATAUSIAHHHIE1
HMHHc)HAHcAATAjI$HIcL@1AI|$H"H
H!%tHDHJHDHH)p
HH[]A\A]A^A_A{AAHL1UDAAIAL0McLHHH1QNY^AAu:HL1@H1zJHH0~E
fHD1f.I$HHH1uDI$AL$0McLHHH1QXZ;I$HIcL@1_f.H3L1?f.HL1f.I$HHH1DHL1f.H>1}DH1eH@ bQ
Ht
HH=tGO
H=qGO
HATH5USHIxs
HHL`hH(@$@PLHt|vHHCpt=HEHHt$HH}HtH[]A\C H[]A\H
aAl AY]
LHH50Hj1I
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LHH{p&r1HtGPt~fDSLWHHGMtwH~j1j1E1E1HHXY~IHHtH@PHtHHShHtH{pH5H'
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w(fff.HGff.Hwff.HGff.Hwff.Hwff.HGff.HH@Hf.1AVAUIATUHcSIHHHHHHHx
LWHGMH,jLjHE1E1H^_H~qDC EcHLt$HLHLP
~ HT$HSXLSL[MtaMAVHPLE1E1HAZY~
HD$H9rfH[]A\A]A^fDHKkf.MufH
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oDLAE1DHAHfDLcM'E1DLHAHHD$ HD$H=w0IH
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~I$HSXL[LSMtvMATHPLE1E1HAZY~=I;,$rH[]A\A]H
hADx W
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HT$HS`L[LSMtQMt~AVLPHE1E1HAZY~D$H[]A\A]A^fDHSsfMufHAE1DHAH9LcMRE1DHHAHyHD$sH
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ffffff.HAUATIUSHIHHHH\HxQLWHGMHjjHE1E1HL^_C
EHLHLHP~IUHS`L[LSMt^MAUE1PE1HLHAZYH[]A\A]fDH_DH1[]A\A]Muf1DHwAHE1A
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EiHHHP0~qLSLcLK`LL$HCMHt_HL$E1E1HQ1RHZY~LL$IDH[]LSHCMtSHuLcE11HHAH~IHD$fH"fH]DH
MDHAE11ADH
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EHLHP8LcEL[IcLSHD$LcMMGAHD$LLE1HPAQE1AZYA~HD$L9AHD[]A\A]H7VfL[LSLcMt8MuE1LHAH
MAgMUDH
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9NHLJuu[]A\[1]A\fHAUATIUSHAHHHHH@@HL_LWMt{MjjHME1HA^_H~BHH@@HLDHL[LSMtGMtjj1P
HMEHAZYH[]A\A]@Muf1DMuIAHAoDHMDHHI[]A\A]AH
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fHt;SHDHHQ@HuHHq@tHNHH1H[Hfff.USHHtUH1HHo@_HCHHtHS@HP@HS@HtHBHHC@HCHHH[]1fff
.ATIUHSHHC@HHtHH$uMtE,A$H[]A\fff.G,fff.w,fff.Ht
@t&fDHHt;0t4H@Hu1HHt0uH@Hu1Hfff.HtHG@fD1ffff.Hw@ff.Ht+USHHHt_PHo@~H[]fffff.AUATE1USE1
HHHu#HLH[@HIH;HHoC1HH@HCHEC E
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X1HtHG`HWhHffffff.SH\JH;kHH=^JH;jH[HSHGHHP1~HcH[HSHGHHP(1~HcH[HiH]JHHJHfH5H=JHijt%JtmJ
HfDH
AAf E
ATUHSH5A&`HHt(H5i)HT
HHCtD#H[]A\H5AH*1*H
+A+A 9E
Ht3SHHH55HH56[DfDHGff.HGff.HbJHwHGff.HGHwfffff.HG(ff.HG ff.HZJHw(HG ff.HG(Hw
fffff.HG0ff.Hw0fDHG8ff.Hw8fDHG@ff.Hw@fDHGHff.HwHfDHGPff.HwPfDHGXff.HwXSH5pG
G0G(H_@qHt,@@ HC8C$[fDH
A`A B
1[ff.AVAUATUSH fHo8IH~?v0P|H 1[]A\A]A^ ?%DuHcG$H []A\A]A^fD|~eu}wEHHcHUfDH?HHkH HHnUdG
HH&HH'f.hiW KHHcE
HcE HcEW$} Et (} ,E C0H}(wHE(1C(wf.HEt@EUG0E EW$G
*DEH}HH5_HH5GHH(H5$HH0H5H(H0EE=WH
Ad ?
H"DHHI$fH}H5MLmHUHuHELjvL9mHtH5LHDHDC H@uEH{@PERAH}0]\u} Ht } H]8HT$1H\$3}
IcHuH}LM(AzHE(HHE0EH}0atH}0AEtH}0A)t1DDAE C0E$@HVeMHH(I$&fH}H
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HHLH(H5\C,H0H5=H(U} LH0wAaHIH|LHHLHH8Ht HItULH
HtEMLHHt2LoH(L!pH0DLHHH
=Ad :
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H8}HHD$Ls8H{@IHD$HD$(HD$H@A>AHcDHfI~EIH5IH5II(H5II0H5I(tI0AAF=H
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AH8D[]A\A]A^A_E1AH{@HAfAf.I~0EfmA~ DHDt!A~ HT$Mf81Ld$(w?A~
ESH{@H@T$LHA*@IvI~MN(ArIF(HIF0AI~0vlI~0AZlI~0A>l1DDAAF C0AI~H
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fDLjLIkAIH{@H
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9H5<1cS
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Avd 4
H0I(H5C,qI0H5I(NAVA~ Ht$I0A*[HIHLHHLHI8Ht$wHILH`Ht{MLHMHthL|$L6iLI(riAI0H{@>ZBHC,#LhDH
WAd 53
AWAVAUATUSHH-H8HtTuLs8H{@Ll$(IHD$HA>AHcDHfI~EIH5mIH5IJI(H5tI'I0H5QI(I0AAF=H
Ad 1
AH8D[]A\A]A^A_E1AH{@HAfAf.I~0Ef3hA~ DHtA~ Mf81LLd$(AA~
 xEUH{@HBTHt4HAy*@IvI~MN(AomIF(HIF0AI~0gI~0AfI~0Af1DD/AAF C0AI~H
fAd D0
IVMFH
hH5k1N
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fDLceLIeAIH{@
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A/
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Avd b/
HI(H5JC,I0H5+I(AVA~ Ht$I0aAUHIHfLHkHLHI8Ht$HILHHt{MLHHthL|$LcLI(dAI0H{@?tUBHC,#LD+H

Ad -
AWAVAUATUSHH-XH8HtTLs8H{@Ll$(IHD$HA>AHcDHfI~EIH5?IH5'II(H5II0H5I(I0AAF=H
Ad p,
AH8D[]A\A]A^A_E1AH{@HAfAf.I~0EfbA~ DHdtA~ Mf81LLd$(AA~ EUH{@HBT$Ht$HA
*@IvI~MN(AgIF(HIF0AI~0aI~0AzaI~0A^a1DDAAF C0AI~H
Ad *
IVMFH
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IVMFH
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Avd)
HPI(H5C,I0H5I(nAVA~ Ht$I0AJPHIHLHH3LHI8Ht$HILHHt{MLHmHthL|$LV^LI(^AI0H{@?PBH/C,#LDH
wAd U(
H|IUSHHHHHt1HvHPHtHH[]H1HSH_8HHt@HP8H@ HBHBHG
HCHCH{(H5WiUH5FHjA[f.1ffff.SH5PH8fH1HtHB DHS8[fAVAULcATUISHeU
HE8MHHX8HC0tzMtuHCHt|L9LFMDH)I)Hs(HL;H)ktuHCHH;C HCuHCIMtaHsHk J6H9wLE11[]A\A]A^DCu
HHC L9r+Lk0MHCu[D]A\A]A^HC0DAVAUIATUSHLcEC MMHk8EHE0HMHu
H9HH)L9LFMHMH}(HH)H9HCID
HH9v.HLH)HIHMHI)HMtHu @LLLmD[]A\A]A^D[1]A\A]A^H
A!|q $

H`fAVAUIATUSHHHH
Dc EHcE1HHk8UHE0HMHU H9t\II)I9LGMHMH}(HH)H9HCID
HH9vPHLH)HIHMHI)HMtHU
HA{[D]A\A]A^LLmLmD[]A\A]A^H
~A!|q
 A#
@ATUSH Lg8wLHHfHHcH@I<$H
A{g 4#
@1H []A\DfI$HtH@8H@Do$fDHcGfIHtHR8HzuJufDI|$(tID$ID$1iID$0ODHHL${ HL$ H{8wHG0OHWHw
H9HH)HWII)H9IFILI)L9IBHtHW(HH9HOHHS8HBHL$1DK EH{8HL$DGHG0EHWHw
H9HH)HWII)H9IFILI)L9IBH&HW(HHHL$DS HL$EHC8HHP8HzHB0H*HrLB
L7LH)M9HCHtHr(H1H9HOHHS8HHR8H)BtHJHH;J HJmHB`fDHL$D[E<HC8HL$HHP8HBHB0HHrHz
L0II)L9IBHHr(H1fADDID0fDI<$A\$ID$ I+DMIHwHJ8HB HAHAI$G ID$ID$/DI<$uHi8H}H
Ak{y !
1f.ID$ fDI|$(ID$f.HA8IT$ HP fHI9l$ yI|$(H5cHD$\ID$(Il$ HD$F@S 0HHL$6@C
HHL$I|$(H}(IADID$0H]EHE0C A Ht$HHHt$HHlH
[A}g y
1DH} H5/zHL$XHHE(HL$HEHE$I|$ H5pHLHID(ArHL$tGID$ID$H
Am|z
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HHTfHIqIAWAVIAUATIUSIIHHHHtYHHHtDMuwMt1LHPt&1HH:t1H1H11I]I,$H[]A\A]A^A_f1LHtnD11f11f

H11HHHG t%1HvH=OHH
Ax|
SG t(HHcH~HcHSX[H
Ax{
[HG t%1HH=OHH
!Axz ?
SG t(HHcHU~HcHS`[H
A x}
[uHG8HP0D1DAWAVAUATUSHHo8HI~5f~{i`E1 w-
uLco$HL[]A\A]A^A_fAtuHMHt1dH8HMHtdHMdHARHcU1HHU0H^fHEAE8HH>HH-HH}(AaN
AIDdt[euAH]0L5aIIcL@HE0AHkfDHAVHG yHHHAEUAfE0tlAD$0H} E1MHE AD$(G
HLco0D)Lco0@W$Af.AEtA|$0%HEAGH}HESE7=(H
Axs
&
HDuLLcf.LcH}(DmLA|$0AHDAD$,HE$ADLLcEZuDH}(KH}(AKH}(AK1DDLcANHEl$0E6A@HEAHfDH}H
5MLeHUHu1HEH%LL9eLcH5LtHEAHbH}H5XH5HD
HE0HIHHE
JH} HE KHE HE(1t;LcEH}(JHHE(A|$08E
Hu2H}VH
AWs
HULEH
H511
_DHuH}LM 1AO4HE HCHHE(E1
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)ffffff.AWAVIAUATIUSHHI\$8H$3tELk0L=IcLA|$0f^MHc$LA|$0HL1H[]A\A]A^A_H{MnC=tKH
Axs)
Mt3LAAr1HsH{LK 1A}LtHC
HMHC(H{(FH{(D$EH{(ET$19MAD$0jLH{(k!FA|$0HAD$,t2MdLA31Y6H{(EHHC(!A|$0

M3H{@H
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HSLCH
|H5|1,
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Avs
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M31H
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M51LAD$,A
M'1AWAVIAUATIUSHH_8T$3tNLk0L5}IcLfA|$0F~^MzHcT$LA|$0HL0H[]A\A]A^A_H{MnC=tKH
s|Axs
Mt3LAAs1HsH{LK 1A]GtHC
HMHC(H{(@H{(D$@H{(@T$1MAD$0jLH{(kAA|$0H_AD$,t2MdLA3191H{(?HHC(!A|$0

M3H{@H
zAWs t
HSLCH
wH5w1'
DD0
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QvH5Tv1{&
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xAgs B
M51LAD$,!
M'1AWAVIAUATAUS1IHH_83uLMt5A|$0IcLlHLH[]A\A]A^A_L{0H
WxHcH@A|$0xMaaDH{MfCtV=H
KwAxs

Mt3LA!
HsH{LK 1A2BtHC HMHC(H{(;H{(D$;H{(;T$1~MAD$0LH{(k;A|$0H4AD$,tGM@!,' LL1+H{(:HHC(A|$0
M3@H{(H
uAWs 4
HSLCH
XrH5[r1"
,DCfD16M fDLA30H
tA
HSLCH
qH5q1!
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MlLDDH
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HSLCH
1qH54q1[!
H
4tAns
M31H
sAs
IH
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pH5p1
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sAgs
M31fLAD$,
M15H5sH8HtHHHH
rAA HD$r
HD$ff.SG HG0G(rHHC8[HtSSHHH5lrH{H5WrH{ 7HH5:r[fD1HtW$uUSHHHo80t}t=C0HYHC8C(C
H[]6{0HyUIUSHHHHHt1HdHPHtHH[]H1SH5qH1Ht HC8[fHtCSW$HtG u9C

C(H{8H5qV[1D0fDATUSHaLg8D$HH
qHHcHHAD$pHa1LH.HH[]A\A|$tZu(AD$tHH[]A\A|$ttH1H[]A\0LD$ HHD$ eHc\$ jH\$
H[H5JpH=sp{9fHc_$1DO EHG0tEG0HcD1HfA<$D$H0HL$A1
D$HcHH=CpH{fDL/
u>Ht$ 1L0.t&DD$ Eu|$$u|$(HDL.
_@H),fLHT$/HT$HtH9HNHLHDA\$xfDHt$ 1HTDpHH{0AD$ D$f^f
{0HLLD)D$XA\$xUHt$ 1HTDpHH{0iD$ ff
{0HL$A)D$HcHH=gnfDL+-
Ht$ 1L0-T$ D$$x|$(HDbD_$ESES$C C03fW$0AH=0AH
oEA$0LD$ HHD$ xaHc\$ fH\$ HWH5FlH=ol5DAT$xH-A$fDH=lHDW EC C(Ht$ 1LQ+t%t$
uL$$u|$(pH)I|$ADpIID$hHHI)AL$pHTf.H>{0HL$LD$1{cD$WXA\$x{0HL$1A
D$HcH0HT$yHT$H9NIATUASH*HHtHcDhHH[]A\Gttt1@rwf.AWAVAUATUSHHHo8D$pHAII1HLt$@HD$L
HH{0HLDD:L$H|$
1ZHHL$(HH9~H)HH@BHt$
HHD$8H)H9}HD$81HHL$0HGHB{0HL$0A1LL$L$5){0LLLIcLIUpIAu^HAAwQA?tE
HAEt0fDE1HD[]A\A]A^A_HExHK8{0H
H~HAyH=hDH)H9H9H9@H|$H5gH=g@HL1,H.@H=g,H=gKffffff.AWAVIAUATUSHHcHLg8IAD$pt6}0HL@
HA~EH[]A\A]A^A_@L0'LA'}0HIE1LCwA}t
HAEAD$tff.AWAVIAUATUSHHH$Le8HIHcAD$pt3}0HLeHf~BH[]A\A]A^A_LX&LA-&}0HIE1LCwA}?t
HAEAD$tG G0HG8G(ffff.USHHH?~ S$H[]fDi~%{0HH[]16fDhuRHtw$k$C C0H[]HcG$H[]DH[]@1tH1[]G
tgHHcG0OHcG0Du{0H[]1W uC C([0HLHLHfD1Ht1W$t%SG Hu"C
C([DfD0fDHGIATUASHHHtHcDhHH[]A\Gt~kt
|rw@tt1v1DH8Hfff.ATUS1Ht9IHA|$0HcHrHL ~[]A\Dyt LfDATUHSI?}0HcLHH~[]A\t
HfDHcAWAVAULlATUSIHL9HILIDH{
tJI9tEAA|$0HhHL}t
L1A?tLiH[]A\A]A^A_%Hff.ATUHSHI.H}0HcLHH~[]A\t
HxG G0HG8G(ffff.SHHW8H+1Ht;t
Hw[USHG tHu1H[]HO8HHHcHFH{8tH
bA H
hbA fff.G tHu1SHO8IHcLHt[1[@ATUHSHH~U uE1D[]A\@HM8HcHA1tD[]A\D1HtIW$t=SG HtH8Ht$HC8C(C
[fffff.ATUSHH H8H~SkI7}t*js$'Lc8C k$H []A\) S$H []A\fDpl\S$@C$ZHH@8HTHl$H5n Hr
HLp
HHC8C 1HDH+H9f.HcC$1HHtusHfH
t_A? H5_1\
AAH
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H 1[]A\;%fDHl$H5!_Hp
fK HgC(C tHtGHC8C(C @H
z^A# L
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A%H5Hp
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f.H
]Aet HD$j HD$Hl$H5]Ho
zfH?IAUATIUSHH{m
bHIHHHMtHHHH1HELHjHHH[]A\A]@{H
]AHH L

]H
]H5
]1IL
u9H
\AOm 16 HH[]A\A]H
y\AQm 1 HH[]A\A]Lff.ATUISHZHHt1H8HcLjHH[]A\HtHbH1ffff.HG
G0HG8H=[0HfDt1USHHHHH1[]zAVAUATUHSH5[AHcHIcIHHHE1+ADH[@AHckHLHHuMcH`[IT-
KH5|15H5ZL[D]A\A]A^DH
ZAA [1]A\A]A^@AVAUHATUHSxH5ZHAHcHHcIHHHE10ADHZAHckHLHHuMcHhZIT-
KH5|1=H5ZL[D]A\A]A^DH
YE1AA [D]A\A]A^H;IATH5g[USIs1HtiHHHt_H50[{ HHCt`HooB@HAD$0I\$8ID$
[]A\@H5ZHx[]A\DH;PH5Z}Hf.AUATIUSIHG)HG8HhtH(L0x
HEHcH9GMt&H}u A\$0uFH[]A\A]fHuLcLLL)eL)eLeH[]A\A]DL H[]A\A]fDHtKSW$H_8tG
tHu;H{H5YH5YH[1DG)HtH@Hffff.ATUSHHo8DG(LMLeEAMME
vH)8NJ1I:GrG!stLW0fDt W$H[]A\HcG$f.HtEuAG
t:IqI|$H9t,IH$HELeHHIIT$HP@L!fDI|$HsEAITIAo$AAoD$AA4fDHI"IRH1I$t3s t,Et
IDLHLH$LMHL$HoSHMAoAAAAoA$AoAAD${D19I$LMLe@ATH5VUSIs1qHtf1HRHHtbH5V{
DHHCtcHooB@HAD$0I\$8ID$ []A\H5aVHx[]A\DH;H59V}H\f.HAVAUATUSLw8G)HItSIFL C uUBt%I>Hc-
HIIcHcLHxIIFooB@[]A\A]A^DH[8HtHCHHpHzH9tHHCHHH
HRHPlffH
)UA~u
 j mH
TAsu ? Bf.AUATAUSHIHG)HG8HXtHHoHAUA9N~~PHKHfD|
t HH9uE)HE8LhtL(HIEHcH9BMtbHuB]0u.H[]A\A]fA$1H[]A\A]@
H~HcA,H[]A\A]fIuHcLHI)mI)mImAWAVAUATIUSHHHE)L}8HHACtRIGL E
uYB4#I?HcHIIcHcLHx4IIGooB@HD[]A\A]A^A_Hm8HtHEHUHpHzH9tHBHEHUHH
HRHPfAH
RA~u A g@HI3IH2IUSHHteHHcyHH6}Ht4HH8HHIHZH*oHjoBAH(@0H[]fDH
QA^s~ / 11ffff.ffff.1wHfHtHHHf.1ffff.1ffff.Hi2IG G0HG8G(ffff.}
tI u4W$ht;iuG HHcG0tHcG01DfDHcG$SHHHtuSC C0H[fs uC C(f{0HLHZHLHHfff.1Ht1W$t%SG Hu"C
C([DfD0xZfDHY1IATUASHzHHtHcDhHH[]A\Gt~kt
|rw@tt1v1DHg8Hfff.ATUS1Ht9IH8A|$0HcHHL|~[]A\Dyt L|fDATUHSI}0HcLKHHK|~[]A\t
HH|fDATUHSHIHf}0HcLHH{~[]A\t
H{AWAVIAUATUSIH HInHoHFH$H|$XI)$fH~Hl$I.IoGHl$In)$fH~HD$hoG
Hl$(fH~)$IHHoG0HkAI3~P)LH$Hy!~[I3~XH$H$InMN@L\$`fI~HTpHlInLL$ Hl$0In
Hl$8In(Hl$@In0Hl$HIn8Hl$PHD$`Hh(HLpLHLhL`
Hl$Hh0Hl$Hh8Hl$Hh@Hl$HhHHl$HhPHl$HhXHl$Hh`Hl$HhhHl$HhpH@xHl$Hl$
HDHDXH;l$hHh@HT$HtHTLLLtL$$HpHIHRQH1Ll$IHHg jL1MJH
Il>+hH,2HHD$I1LI+rn<I1IL1O#MH Ld$L1HHI1LHHt$xH;gL40Ht$pL1LL$HHH1I1HI
IML1M1HIMHtLLLD$I1HL$LMI6_:OII
 I1MIM1MIM1LII1IMM1LD$I M1MIL1HIM1IH|$Ht$ML|$pL|$xL1HLLH1H1H|$H H
Ht$IHM1I1IILLH1H1HHIHM1I1IIHLLDH<$LI1HL$HI H1MH M1ILI1IMM1IML1LD$H
HI1IML1HHI1IIHt$H|$L|$xL1HLI1Ht$HL$I L|$pHMH1M1HLIILI1HL$I1I
L1MIHMM1M1IILLD$H|$I1IMIM1LM1LD$I H1H|$MH
IIL1HM1IIM1LIH1MHL|$pL1IL|$xHM1HLHtLD$ILI1LHL$I H1Ht$MH
M1HII1LII1LIH1MHM1HII1MIL1H|LDH Ht$HI1HIH1H|$MH LL1II1HL1I
HHMI1HM1IH1L|$xL|$pHIL1HIHLHtLD$LI1HL$LI II1MIM1MIM1LII1IMM1LD$I
M1MIL1HIM1IH|HtML|$pL1HLLH1H1H|$H H Ht$IHM1I1IILLH1H1HHIHM1I1IIHL$L|$xLD$H|$LI1H$I

HMH1M1H ILI1IMM1IML1LD$H HI1IML1HHI1IIHt$HL$H|$L1L|$xL|$pHLI1Ht$LI HI1MH1I
M1HL$MIHM1LIII1L1IHMM1ILLD$H|$I1IMIM1LM1LD$I H1H|$MH
IIL1HM1IIM1LIH1MHL|$pL1IL|$xHM1HL$H4$LD$ILI1LHL$I H1Ht$MH
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HHMI1HM1IH1L|$xL|$pHIL1HIHL$H4$LI1HLLDI LMI1M1IIIMLM1I1IIMM1LD$I
M1MIL1HIM1IH|HtML|$pL|$xL1HLLH1H1H|$H H Ht$IHM1I1IILLH1H1HHIHM1I1IIHLLDH|$LI1HL$HI
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IIL1HM1IIM1LIH1MHL|$pL1IL|$xHM1HLHtLD$ILI1LHL$I H1Ht$MH
M1HII1LII1LIH1MHM1HII1MIL1LD$H HI1IML1HHI1IL|$xH|HtL|$pHH1H|$LH I1II
L1MHM1HH1HIL1HIHHtLD$LI1HL$LI II1MIM1MIM1LII1IMM1LD$I
M1MIL1HIM1IH|HtML|$pL|$xL1HLLH1H1H|$H H Ht$IHM1I1IILLH1H1HHIHM1I1IIHLLDH|$LI1HL$HI
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M1HL$MIHM1LIII1L1IHMM1ILLD$H|$I1IMIM1LM1LD$I H1H<$MH
IIL1HM1IIM1LIH1MHL|$pL1IHM1Ht$HL$L|$xILD$LLH1Ht$I1HL$H I
HMI1M1IILLH1I1HIHMI1M1IIML1H|LDH Ht$HI1HIH1H|$MH LL1II1HL1I
HHMI1HM1IH1L|$xL|$pHIL1HIHLHtLD$LI1HL$LI II1MIM1MIM1LII1IMM1LD$I
M1MIL1HIM1IH|HtML|$pL|$xL1HLLH1H1H|$H H
H4$IHM1I1IILLH1H1HHIHM1I1IIHLLDH|$LI1HL$HI H1MH M1ILI1IMM1IML1LD$H
HI1IML1HHI1IIHt$H<$L|$xL1HLI1Ht$HL$I L|$pHMH1M1HLIILI1HL$I1I
L1MIHMM1M1IILLD$H|$I1IMIM1LM1LD$I H1H|$MH
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HHMI1HM1IH1L|$xL|$pHIL1HIHLHtLD$LI1HL$LI
II1MIM1MIM1LII1IMM1LD$I M1MIL1HIM1IH|$Ht$ML|$pL|$xL1HLLH1H1H|$H H
Ht$IHM1I1IILLH1H1HHIHM1I1IIHL$LI1HL$LD$I H<$MM1ILHI1H1IH MM1IML1LD$H
HI1IML1HHI1IIHtHLH|$L1L|$L|$pHLI1Ht$LI HI1MH1I
M1HL$MIHM1LIII1L1IHMM1ILLD$H|$I1Ht$IMIM1LM1LD$H1I H|$H
MIIL1LM1HIIH\$LM1H1IHML|$IH1HL$L|$H Ht$HI1LII1HL$LI
H1L1MHM1HII1L1DLLDXH\$I1L1IMIL1H1|$(M1H\$(ILIXH1t$H1L$0L1L3l$L|$HLD$H|$0M1L1IHHM1IH
1T$8L1L$HL1I1LFH1D$@L1|$PHHHyLl$@HH|$8L\$HLTPHDLt$hLj(Hz Lt$`ILt$
LZ0HLR8LDLHDpL)$H []A\A]A^A_f11HfD$fLHD@HH)DHDHD$)D$D$HGHH)1HHg
jHH;gHBH+rn<HBH6_:OHBHRQoHB Hl>+hfD$HB(HkAHB0Hy!~[HB8oBfD$BoB fD$B
oB0fD$B0fAVAUIATUHSHAHLm`I)I9s>Hua1Hv.ILAHLDL)HILHLHLH[]A\A]A^DLLL)HLM1HHoATUHSH
Lf`HHFP1H)LQHLH?HHHEHCHEHCHEHCHEHC HE
HC(HE(HC0HE0HC8HE8[]A\AWAV@AUATIUSIIHpH@An$oLFH|$HT$
)D$(f~l$A.oG(lAnLfA~)D$8A~,DD$@t$|$[DL$|$,t$\$<t$0L$4DTDlAnEN
L\$El$AnDL$lAnlAnlAnlAnl$fDHT$DBjD2DJDjDbDDDBljDD$DB
ljDD$DB(l$j,DD$DB0l$j4DD$DB8l$R<HlDDDDTDE
DH;THDLDDDtDlDdDBG7AD$5RQD1EDL$g
jEA1DDL$AED1A1AA1DD|$D$B+Ern<E1DG$:5h3D$DgD11AD1ADDd$tDDA1L$EDAAA1E:OAEE1E1AA
DA1AEE1DD$AE1EAD1AE1AED|$D|$D1|$tLDD11|tADE1A1AADD11AE1A1AAA1ALDDE|$E1ADA1
A1EE1AAD1ED1DD$A1AED1A1AD|$|tL$D|$DD1A1t$A1AAL$EEE1E1AAAD1DDA1A1AEE1AADD$|$EE
1AADE1DD$1A|$EAD1E1AADE11AED|$AD1D|$E1AtLDD$DDA1L$1At$EE1A1AADDA11AEE1A1AAED
1|tDD$A1AD1|$EA1D1AAt$D1EE1A1A1AD|$D|$AD1DL$DD$A1AEDE1A1L$AAAEE1ADA1AEE1DD$AE
1EAD1AE1AED|$D1|$t$DD11|$tALE1A1D|$AADD11DAE1A1AAA1AL$DD$E|$E1ADA1A1EE1AAD1ED1
DD$A1AED1A1At$L$D|$D|$|$DA1t$DAA1L$EAE1E1AE1DAAA1DD1AA1EE1AADD$|$EE1AADE1DD$1A|
$EAD1E1AADE11AED|$AD1D|$E1At$LDDDDA1L$1At$EE1A1AADDA11AEE1A1AAED1|tDD$A1AD1|

$EA1D1AAt$D1EE1A1A1AD|$AD1DL$D|DDA1AEDE1A1L$AAAEE1ADA1AEE1DD$AE1EAD1AE1AED|
$D|$D1|tL$DD11|$t$ADE1A1AADD11AE1A1AAA1AL$DD$E|$E1ADA1A1EE1AAD1ED1DD$A1AED1A1
AtLD|$D|$|$DA1t$DAA1L$EAE1E1AE1DAAA1DD1AA1EE1AADD$|$EE1AADE1DD$1A|$EAD1E1AADE
11AED|$AD1D|$E1AtLDDA1L$1At$EDD$E1A1AADDA11AEE1A1AAED1|$tDDA1AD1|$EA1D1AAt$D
1EE1A1A1AD|$D|$AD1DLDDA1AEDE1A1L$AAAEE1ADA1AEE1DD$AE1EAD1AE1AED|$D|$D1|tL$D
D11|tADE1A1AADD11AE1A1AAA1ALDDE|$E1ADA1A1EE1AAD1ED1DD$A1AED1A1AtLD|$D|$|$D
A1t$DAA1L$EAE1E1AE1DAAA1DD1AA1EE1AADD$EE1AAE1DD$AED1AE1AD|$|$ED1D|$D1|$AE1AD1A
E1AtLDD$DDA1L$1At$EE1A1AADDA11AEE1A1AAED1|$tDDA1AD1|$EA1D1AAt$D1EE1A1A1AD|$D
|$AD1DL$DD$A1AEDE1A1L$AAAEE1ADA1AEE1DD$AE1EAD1AE1AED|$D|$D1|$tLDD11|tADE1A1A
ADD11AE1A1AAA1ALDDE|$E1ADA1A1EE1AAD1ED1DD$A1AED1A1A|$D|$tLD|$D1A1t$DAA1L$EA
E1EAAE1D1DAA1DAA1EE1AADD$|$Et$E1AADE1DD$1A|$EDAD11E1AA\$DE11AED|ALD|tA1ADA1
L$DA1D1E1t$E1t$AA1D1D$DLD$A1D11L$A\$EL$D11|$E1|$AAD1ApMAxAH1T$D3l$D|$E1\$D1AE1D1L$
A1D1|AAA^D11DE\$D\$DTA^DLE^DL$EVL4$Lt$L)t$
D$iHp[]A\A]A^A_f.HHD$
HDHDHD$H(HGHGHHfo#)Hx1HfD$fo#fD$BfAVAUIATUHSHpA@HLm0I)I9s8HuT1H@v+I@LA?HLDL)
HILH}pLHL3H]p[]A\A]A^LLL)H@LBM1H@HEpwffff.ATUHSH~pLf0@HF(1H)LHSpLHHEH9s
HCH9r,oEoCEHx[]A\@ECECECECECECECESH[HH[ff.USHHH_[HHH[]Hff.H7[HH{ff.HIFSH[HH[ff.USHHH
ZHHH[]Hff.HZHH+ff.H)FE1AfDHAH HfIHLHIHMHfIHHLGHIHfIHHLWHIHfIHLGHH
AIuEuL@HH&IHLHAItHHfIHLGHAItHHfIHLGHILffffff.E1A~|t~fDAHH HfH
IHHLOIHfIHHLGIHfIHHLOIHfIHLGAIuEu
LfDHH&IHALItHHfIHALOItHLHfHHIHOL~\tZfHH@HH
HWHGHFHHWHGHFHHWHGHFHHGHWuu@HHHHWtHFHHGHWtHFHHG
HW(fHHHH1~'M)DLLLH@uML1~'M)DLLLH@uMLE1IHMMLH"IIHLMHI`IHIHFI IHIL_MHFI
HIIHFI`HIIHI`HIIHOLHI`IIHHFI`IIHHFI`IIHHFI IIHLWMHF I IHIHFI`IHIHFI`IHIHFI`IHIHI` IHIL_
MHI`(HIIHFI` HIIHFI`HIIHFI`HIIHF I`HIIHF(I HIIHO(LHF0I IIHHF(I`IIHHF I`IIHHFI`IIHHFI`
IIHHFI`(IIHHI`0IIHLW0MHI`8IHIHFI`0IHIHFI`(IHIHFI` IHIHF I`IHIHF(I`IHIHF0I`IHIHF8I
IHIL_8MHF8I`HIIHF0I`HIIHF(I`HIIHF I` HIIHFI`(HIIHFI`0HIIHFI`8HIIHO@LHFMMI`8HIIHFI`0HIIHF
I`(HIIHF(I` HIIHF0I`HIIHF8I`HIIHOHLHF8MMI`HIIHF0I` HIIHF(I`(HIIHF I`0HIIHFI`8HIIHOPLHF
MMI`8HIIHF(I`0HIIHF0I`(HIIHF8I`
HIIHOXLHF8MMI`(HIIHF0I`0HIIHF(I`8HIIHO`LHF0MMI`8HIIHF8I`0HIIHOhHF8I`8IIILWpL_xfff.E1IHMLM
H"IHILMHI`HIIHFI HIIHOLHFI IIHHFI`IIHHI`IIHLWMHI`IHIHFI`IHIHFI`IHIHFI
IHIL_MHFI`HIIHFI`HIIHFI`HIIHO
LHFMMI`HIIHFI`HIIHO(HFI`IIILW0L_8@E1HMMLHIIHLMHFH&IHIIHILWMHFHHIIHFH&HIIHIIHOLHF
H&IIHIIHHFHfIIHIIHLOMHFHIHIHFHfIHIIHIHF H&IHIIHILW MHF(H&HIIHIIHF
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HIIHIIHOHLHF(MMHHIIHF0Hf HIIHIIHF8HfHIIHIIHOPLHF8MMHf
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HIHILMHFH&HIIHIIHOLHFHIIHHFH&IIHIIHLOMHFH&IHIIHIHFHfIHIIHILWMHFHHIIHFHfHIIHIIHO
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IIHcuLv1HMmAAl$I,$IA)HLHtH|LEt<AVIH41fDHHHHHH!H9uJ|HADADH[]A\A]A^A_@AWAVAUATUS
H^HcjAA)IIHT$1HHT$M>MuHHLLI4/LEtBAT$IL1@HHH)HH|HH!L9uMcJltH}HEtHH8uuA]AEH[]A\A]A^A_
H
Ads
1AUATIUSHIH^;ZtUHHj#uYL1WA]H[]A\A]]LHLA]H[]A\A]A]H[]A\A]@A\$HLLEA]H[]A\A]fDAUATIUSHI
H^;Zt0A]H[]A\A]HHFu$L1A]H[]A\A]fDAD$1HLL@]LHLA]H[]A\A]HtKSHH?H{vH{mH{dH{H[HH5YZ[OfDf
ffff.HATIUSt|Hj8H^9_|OLcgLcMMt,HLLHL)JDII?L!HH9uM)A1I?E!A1DW[HHH]A\fDHrHwH

AkeZ [1]A\[]A\HJHHffff.HH1SH_ HH[f.SHHC [AUATIUSH5
IHPH$OHH&HHCHHMtLHHt\MtLHHCtFHHHCt5HtH{C(HH[]A\A]H1HH[]A\A]H
1A%Af DH
A+Af
H5H,1Mmfff.HHwHHHG0ff.Hw0ff.AWAVMAUATIUSHIMHHHH;H{bHHCtH1HiHCHt`MtL{@MtLs8!Lt$2fH
SH{MH3LIHD$tHsH;uMt0HH[]A\A]A^A_f11HH4H1HHDHC@H;MHKHSHHLK8MkHS8HcH{LHOGH;HS8L
H5--+HHC fH
Aq 5:]USHHH?}HHttC(HHS0
C(H{t u'HK8HIHH=uq1{(u:C(H[]H
Abkg 1{(
tH[]C(tfH[]H;HK8IHHfHKIHHMH;HKIHHg@E1E1H11HH@ffff.AUATUSHH:|HzHtrz(HIIuCB(MtHsLHt5HK8
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qAkd/ H1[]A\A]fHKHM[HH]A\A]@HH1HH=`fff.HH=v|fff.HH=\fff.HH=v<fff.HH=fff.HH=
fff.HH=
fff.HH=vH5yH@IHt9HH@H@H@H@ H@(HDH
!AAjHD$r HD$ff.HgHt@<HfDHAUATIUSH5HH FIID HtUL-
@HH;tHBHH9uI<$/LHID$FI\$HI$uHLH50[]A\A]`Ffffff.G4uW8t
G4AUATUSHHG(Dg0;G,tHo PS(DdH[]A\A]DuTA H5FHHtHC(H{ H5EHk Dk,C(D,@ADHH
IA A H
(Am~ C45DHHHvH{ [@HtaG4udG(HW
G(4G09v9O)Q)OHuCHWHHWtuw0G8G4fADAVAUATUSW4uyG8urG;GHtuFHHOCH@L$M61L,Ad$C0[L]A\
A]A^fDHOuHHOE1[L]A\A]A^fH5o<>DHIILHuYfHH$I9uH;HCIItCLLsLsCC!HHHL9uLsLsL3H
A?AB fH
C8Amt
E1AWAVMAUATAUSAHLIH(HT$`HHHt3IMLDDHt(H(H[]A\A]A^A_fDHHuH1fff.AUATIUSHAHLH(HHHL
DHH([]A\A]AVAUEATUISHAHLH HHIDLDHH
[]A\A]A^AWAVAUATIUSLILHxHtHTGMfHHHHHDHHLHHHcEL}I|I~@)AT$,?)LcILHI
E~AAV1LIMLfHDHHHL HHwL!L9IuLtT,Ht$ELl\McvD}E9+DD)D$
HHHDPHDHIcAHHD$@HD$0HEHL$8H|H|$Ht
HDHD$@t$ L>HH|$GA3EA|$XH<ADD$ AD$M$$HHL$0Ht$PD$ Hl$0Hl$@H\$`NlM44HHHLt$
HILtHHDPAGD$\HHD$hfDIUII9th1L9IEtI}IHIHHHH9Iw?H9rH9t5LLfs*f.uH9sILrH9IH)I9sHD$0LDHH0H$
H8H<Ht8L$XHHH2HCI)HEH<$HL$0HLHJI9IH@H9@A}LH9L$\E1tIAH!H
HD$HD1~L$H)flAH|$@AM01HfDfAo
fHD9rt$@A9t"IcAI4H!E9H4~McK#JDHHHl$ IEIHD$ H;D$PL %HD$Ht$H\$`@D~FHDHtT,HHV1AGH|D
dHuH 1Hx[]A\A]A^A_HIH|$h1fI4H!H4
HH9uH$H@H|$D1D)HHcHJ<dD$ H|D HD$PGLcHDIAH!H
fff.AVAUMATUISHHIHHMHcSHD$H|tRMHLHLNt_MtLD$D$HtEHD$D$H[]A\A]A^H
Akk D$H[]A\A]A^fDH
Agk H1[]A\A]A^HBu Ht
HH=Fs H=-Fs
HAWAVAAUATIUSHEH8H$$1HWDAAAZAL$F!SAAAA!AAAAA!D!AA!A$AIHIIL$McAAAAM?L|$N<DK
IYLcL|$H\$0JMcH\$`JLcH\$XJDHE!H\$PAAAILL$8DNJEHH\$(JDOH\$
JAAAH\$E!AAAILL$hDNJEHH\$HJDOH\$@JAAAH\$pE!AAAILL$xDNJEHH$JDOH$JAAAH$E!AAAIL$DN
JEHH$JDOH$JAAAH$E!AAAIL$DNJEHH$JDOH$JAAAH$E!AE1AAIL$DNJEHH$JDOH$JAAAH$HE!ApAI
LHHwHHH !HH$(H\$`H|$PHELL$H4+H\$XIL!LH4+HH4/I!LHt$(H}L!I H\$@HI M!LHt$ L!M
HD$HL#D$8L\$hHI!H6M I HH}HL!M!I H4+H\$pM H!L!M!H6H M L+HHDxML!H H4+H$M!L H!L
IHEH>H4+H$H6L!H!L+H H$M L!H M!L H!L [H$H}

HtH$L!LHtH$H6I!LLH$I H$M L!I HtH$M!M L!H H}(LHtH$H6L!I!LLH$I H$M L!I HtH$M!M L!H
HE0LHtH$H6L!I!LLI H$M L!I M!M L!H uQH$LM8H4+H$M!H>H4+H$ H6H!L+L ML!H M!L H#$(H
H\$Hl$JIL9|$0ZH$$HH8[]A\A]A^A_ED~MMcIMBM$H11fAH9A1HAEAD!HH!H
A9uLM9I2MaIffff.AWAVIAUATHUSIHLHhHt$xuBHxL~Hh[]A\A]A^A_f.HAHHHDIHD`HD$
MH$tJHrUtsH|$HNHt)HL$H<$HAHUf.1HH<$J1L}.@H<$HH~Ht$HHLtLwAAAOA#D$DHH|$ILLy1Lt$`Hx
HIItHIHTH2H9l$L|AD$D$LrucD$I1La|~DDD$
DDDDP|DdDDAxGAfAAt3DLqtD+LDDtDAD;t$utOD$H$ILLHHT`Dd$AD)d$1t$;lHILLLuRl$
tHILLLo"DDJffff.AWAVAUATIUSIHHHHIxuL8xAt9H
A1B{E1v HD[]A\A]A^A_H
M9L9L,$HH<$IHLH`{HH?tHD$svH<$L/{Htb|$AAD9d$t|HLLgt+DHotH<$HLH2ufDHpHH$H<$Ryt_L9,$AtH4
$LE1nzHADAVAUIATUHSHHIMvuH{vt/H
0AB}u [1]A\A]A^L;vuMLHHL[]A\A]A^ff.UHAWAVAUATISIHHHxHLELMtCtH}EeHEHHX' AvLLMlAG
7 t2
B0A h 8hC$89LDD4A~@AHc HHH)HD$HHp@IcHHPH`HC P& P
PH@IcL`IuL4HHLEEIJ|6DeDeI<J7H}HUHHUHUIHHAHILLNHVED$L9ILAH9A!A
HAtHNAHHOA)1HfvHEHH`LA1fDfAofHA9wDAD9t%IcAHE9HH~McJHJDeHEHMHXLHH(.]ALED}HcuLm
0HXHPD9Hh})I|1L8DH&RL8E9~,DMc1K<L8DHQL8HXO|5HP
KD5H9HB@I9@AEHAOHAt$AEAEANA91tH2I7)H1ALLALE1fDfAo
AHE9w9tHcHD9I}HcHIL`LHL1LLZHHcuH}LEHHuLhEH}LH"H}LLAAHH}LhELHH!H`HHIcH}EGAuL`AH8
AEHLhHuH}EPLLC\-+HHH}LLtGXZL`LH@H}LhELHH$!H}HcLL0G~L`II
aH8HHH`AEHLhHuH}EPLL*H}LLHFH}LhELHH H}KL-
LHIFIAZA[uH`HHLLhH8@SHHuH}EMRLLG*HHH}HLH-
FH!AXAYutgfffLhL`H8N))DID)F?AI1xcDCD9}ZDLHc4>LM?)t#IA9N KD@)HI
D!HcH`HHH}EAE~OLhHDIf.I}DH}HH`PLEMHA8ZYH}LhLmL1EHBLADesEMHMHXLHxE1A@LjHx1Aoq
DH}oHItHMLLH5wE1H}H}(@H
Aff|Ak HeD[A\A]A^A_]f.Hx_oAf.bLmHMHXHLzE1H}HPH`H@H5Jc$,HHXHULHtAHX
{Lh=LxLoHHXI7AIMHI>LHL@PAFAFLpXf1HfOHHH1H1E1.
f{Lg=AGf.H5L`"HH@L`H1LHHx@IcHHPH`7JLH*t0YALMLhD8:E9EENE~3HchAQH`MLHfDIIHHM9uD9AO
~5H`HchLHQNHItfHHH
HH9u8Lm#H(LELHXHD9eDHENM~7HchH`H|HHHHH
HH9uhH`ALcIH0LL(HD LrHHDLEHXLLL>D9eDHENU~&HtLfHHH
HH9uIL9HuH0tA8DRD)A?AI1x`DCD9}WDDLHcA4>L<M?)tIA9~KD;@)HI
D!D8H`DLEsBhE8DhHHDLXL}DtE1DMLLLL~AD9u)tHHtwB?I19}XH?AHcALDH?D)nH9`@)JDHHH
#8EL(H`hLe4MLLLL}tfDAh18iElLhH}EMLAHH$H}EMLHHH}EMLHHH}EMLHHH}EMLHHH;D<H}HH`PE
MLH
E^_MAD$HfDHHHHH9uTHxL8iH1HIHA9A!IcHILxLhHHXI7AIMHI>LHPL@AFAFLjw8!HX~AWAVIAUAT
HUSHHIHXMMduHodt+HXMMLHH[L]A\A]A^A_3L3duLcD$tOH`D$uoLb`1L`fHX[]A\A]A^A_fH
A>fm_b D$fLLLHD$ sLHD$fHIHD$P5MLt$JEuLHLL$(ZLL$(x&LLHLLL$(lLL$(LHT$LHLLL$(|D$LL$(==
O8D$0D$(HL$H|$ MLLy(HD$PL|$8Ld$HILd$Hl$ Lt$ Dt$0H\$@HDL@HJJtMLHH-yIE9L|$8H\$@LdHLt
IcTIH|HoWHT$H|$LHztjlLtALt$L|$0H<Z)EL|$0HT$LHtLtLTz@MtBLDDcHXL[]A\A]A^A_c1HD$1H
|DzDHD(szHHD$tLLH{LL$(tD$0 D$(D$0D$(D$0D$(Lt$,Lt$ 1 D$(s|$(=AE1AAxjLl$ EAH
AAt;DHDL$@DD$8XDD$8DL$@tD)AAA;\$(uHDELl$ Et;DHL$MLLHHTPv`AG))E1HL$MLLLDL$ v)ADL$
E9~H|cHIHD$H0HHHLFHQHA}I9HVAH9A
HHQHHV)E1HfvHAE1LAHfCoAfBIE9rAAD9AtHHHHH9HDhHLMLLLpuLt$U1HHHH9AE11DAWAVMA
UATIUSHIH8H<HLL]uL]t;H
ABuj\ 1H8[]A\A]A^A_fLx\A|$uI4$L1H6IHZAM}LL=LH2HHD$ HDHHDDML|$ Ld$(H\$
Ll$AELHqD_?HT$LHH[AHLMHHHtE1H|$
UtbHT$HH1IHHL9*ELH+^HT$LHH;[Ll$E1tL1IHIL9EI^8H<$1E^H

Afu$TZ $@1HD$H|$L$$fDtHL$(1MHLjtHLII{tHL$(1MHL"mHLl$LIL3WH<$H8[]A\A]A^A_]1H|$$pt$IDL|$
Ld$(MLHHHl$ 1MLHkHT$H<$LHssHHD$`LLH!tLIt;LHS\NHT$LHHX3xpH<$\AVAUIATUHSIHHMQXt-
{uCt@MHLHLE1[]A\A]A^MHLHL[]A\A]A^t@LYuHYuHXuHMH[LLE1]A\A]A^H0ff.AWAVIAUATHUSHHI
H8MXuHXt>H
7A
B~E1
W
H8D[]A\A]A^A_DL3XAuHTD$t\LDLLHD$HHD$0tLLHHHD$aLT$udL.ofLTt1LAZ@f.H8L[]A\A]A^A_YLSL
TD==OGSD$ D$H|$MLLLKf-HD$0D|$(D|$ Lt$ Lt$H\$H&HtMLLHftHA9~ZLHHuD|$(1LAXD$ DOD
D$:D|$(Lt$ H\$LXaD$D|$H\$HADNu;!E
AD$ DD|$E1AAxT
AAtCH|DT,DL$(DD$ NDD$ DL$(T$,t
)AA;T$utEDMLLLHHT0dtACA)51H|$DL$ 9|MLLLLDL$
BduD|$AH|$MLLLLdA1WAWAVAUATUSHxIH<HLHLMHHIMQLDPLD$ HrH*HHD$0HHD$@HHD$
HD$pHHD$8H$pML|$(D$==OTRDT$PD$LqfH<$Hx[]A\A]A^A_UH
aA$fvR 1Hx[]A\A]A^A_D$P DLD=5=OITRDTXD\D$X D$\MuLHFJx HHl$ 1ILH*H:OBHHl$
HT$(HHQ|$LHD$PuHLIx'Hl$8HT$1ILHbHl$H|NLl(Hl$8HHt$LHQtz|$\H|$0ILHH!jtUL$p,ItHL$(IHT$0Hit(H
9l$XHHIDu1fDMt=H$$HD$(1H<$1SfD1H|$($
k$@D$XD$\3D$PD$LkjHHD$(tHLHktf.DXD\D$PD$LkHL$(H|$0IHHhHDpLt`L|$
Lt$(L|$0LdhDdPLl$PIHDH0HJDt<JtILLH`ht.IE9Lt$`Ld$hLl$PL|$ L|$ 1fL|$
\EHT$(H|$@HHN:TD9MD$P+11Ld$
H\$L|$0E11HD$D$AAjH|$@LD$HcHL$(HpHg1H|$@LD$HL$(HH_gD$HD$Etit~Et:A9u5AH|$@LD$IcHL$(HT
pHgtD$E1t A9A#D$ubL!GAuH|$
GlD$P+D$\+DHl AADHFtSA9AD$\$XD$8H|$
F;l$8u\$XD|$PD+|$LD+|$ADLiFtSA9AGA\$XDAD$8L3F;l$8uDA\$XH\$L|$0HT$(Ht$@HH<$EfH\$L|$0A:4A
WAVIAUATHUSIIIH>LLHHLHHPHLHPHEHCHDy HHHE1fDH Iu\HdKHTKHHHtJHHt;HH
DyHHHEDHH1LfH[]A\A]A^A_DJHHt)ufDHHrtHHtAHL13OHjAWAVIAUATIUSILHxH|$HGt
HtE1HxL[]A\A]A^A_LGuHtLJuLJLLLHLHLHLHDLHD$(LHD$ zHIH|$H<$LH|$
1LLHMHLHMHL|$CuuHHAx6Ll$PL@HL!ILHLHS0L|$0Ld$8Ll$PL<$D$L4$Ld$(Lt$
f.L?HLHL$H|$HLLHHtLHezLHH\$HHLMMIHEq|Lt L|$0Ld$8L4$H{GHD$ HuLH<@DHt$
LLLRuDH|$tpE1L^L|$0L4$D>HItCH<$JH|$ 1JLHKHtLHKH
DLJLHLLHD$LHLH$LHD$(LHD$0LHD$ HHD$H|$H<$
JH|$ 1JLH6KHH|$L KHL|$HD$@UuHH>xtHT$LHHPu]L|$@H|$tH|$IeH|$
LH@=HIvHD$LELl$0Ld$@H\$HLd$(D$8Lt$(L|$0Lt$
H\$9f.H4$LHQ\$8HHLML4HHBHBHABA9HBHABA9LD$(HHLLtGLtD\LDtcH4$H?tLHH<L|$0Lt$(L|$qLGt
HHLuLDA|HL(H$LHCvpfL|$HLcLHm<eL|$HLLr5HLLLH)<LGHLLHt$
L#HHDH4$HfH4$HGHI$HH0|YjLkFIfDH
AelwB LZ@=H\$(H\$ L,LtL<$H
@AE19LATBtLLLBLLDH;tEt<dfDHAAtLHHtxHH+tiH|$Dz;tEtH|$DHt?Ht$H0:$HLLtHT$HHVL<$Lt$L|$[|$8H
\Lt
L|$0Ld$@Lt$(H\$HtoH|$@t:HD$ xuLH9xHt$ LLLKqHL|$L<$Lt$H\$(H|$ LHgtDHH!Ht$
LREHkLHHfH|$HH.H<$CH|$ 1CLHDHtH|$LDHL|$H(LDTt+H
AlnHD$? HD$H(AVAUATIUSFHrH9|LIH%D1HAL$5LEHM$I@HzH9@I9 IAH9I9@
@LE1HtII3AHA11A)HEM40M,1AHAoDfAHA9wDA9Bt$HcI<I3<9H<}HI4I34H4}9LcLMLJ)HjM$M(I)M9AL
H9AHD_A)A9rXtKK)1AAHtA1M1LfAoHA9wDA9tLcK9K}HcII{HC[]A\A]A^DAH<1I4I34H4HH9ufDW)H41
HIHH9uD1AVAUATUSHHDE5H9HvHT$AH1HDEH3HT$ELUHFI9IBH9ALE1HtI
AHD1)H1AM:HAfAoHA9wA9tIcAIE9H}IcIHEHDCD
fDGH7EHEZ?EEIAE9DA@A@A,?)A)f.AE9IcHLMtHBtjHzfEA)DA?)AF?EAIEA)IcMHIL14cEHA)DMIL1tGuD

LD)HHHH1<PDIL1DE9EE9DMcJ,EA?A)HEDIIMDbA@E1E)A@DHHEIDHEL1EtfHzEDDA?)AF?EAIMIHHL
14tEA)DMIMtL1tHDwEuHEDIIMhHP@H[]A\A]A^fDHGI@1Y=H[]A\A]A^A@IH<1fDIHHH9uof.AWAVAUA
TIUSHHHH|HHTHbHHAD$H4=HEl$A}Dl$ AYGt-IcDHEM<$HHMcIH4HLMMfLDLLd$M9N AL9AHE
I9N0L9@ A7A-HIHL$(HL$$HcEI<McL\$0HH|$8IIHI<I$H0MN$HIIHA@HH MN$I8I4H,H(AM MMAAM L$M
A@I8ML$AM IAM L$AM M NLN@AI LL O AI JI0@M L\$0IJL MAI KL IH(AI H@IHL IAI H?L H I H@HHH LH H6H
H|$8HI HHH@H HHH H JH@I HJH LH KL-H HI NTHHIIHIHIHHN,IIIHHMN,HA@AM MMAAM L,M ML,I8A@AM
IAM L,AM Dl$
M NLN@AI LL O$AI JI0@M IJL MAI K L H(I J@IJL MAI KL H I H@IHL IAI H?L HI H@HHH HHH H H4H@I
H|$0HH4H HH H4 L$$H HI LE]|$ LL$HfDo
)HL$(fDoLH1MTI1fo=MIIfo5fAoffDofDofDofAs<fAofAofDofAs8fsfAfAs4fsfAfDofDofAs0fofs
fAoffAs,fAs(fAofAsfDfsfAfs$fffofAfsfDofAfAsfEfs8fofDfofsfffDfAofAfsfAffAofsfAffAofAsfDfffAofsfAfAffAof
AsfDfs0fffoffAofsfAfs(ffofAofAfsfAfoffAofAsfDfffAfs
ffAofofsfofAofAfsfAffAofAsfDfffAfsffAofsfofAofAfsfAffAofAsfDfffAfsffofsfofofAfsfAffofsfffffofsffAQATQfA
offDofofofAsfEofEofEofAsfAsfEfsfAsfEfofDfsfDfofsfEfDofofsfEofAsfsfDofEfAsfEfEofDofEfAsfAs8fEfEfDofsff
DfEfAfDfofsfAfEofDofofsfAfAfDofsffDfAffofsfAfs0fAfDofofsfAfAfDofsffDfAffs(ffofsfofofAfsfAffofsfffffofs
fsffofofAfsfAffofsfffffAofsffsfAofAfsfAffAofAsfDfffofAfsfAfsffofsfAffofsfffffsffARA\RH9A)9McEMcN4fKIIII<
IHJN$HHH I8A@I4L MMAAI0L L$H,L LH(AH8H$A@M IHAM L NH JA@L MMAL AL NH0H JA@L MMAAL L
NH(H JA@L MMAAL L LH H HA@L IHAL H H<HH H@H HHH H H4HH H@H HHH H HH
IVO$LMMHMMHH4LLII@IH HIHHHH J4H J@H8H LH KNA@H J4H JI LMAI JM N$I0A@L I LMAI HJM I(@H
LMAL H NH4L H
A@H JI LMAI HM @IH HHL H H4H HH H@IH HHIH H HH IFEKD$ HE0HT$H|$H1v@fD1HHH[]A\A]A^A_DN\0HI
I)MdJ0I$IIII<IIJN<HHH I8A@I4L MMAAI0L L<I,L L4H(A@H8H$AM IHAM L N4H JA@L MMAL AL N,H0H
JA@L MMAAL L NH(H JA@L MMAAL L NH H JA@L MMAAL L LHH HA@L IHAL H H<HH H@H HHH H HH
ISM<$LMMHMMLH4LLII@AII HIHHHI J4I J@I8H LH K?N<AH J4L MM@AAI J4M NM @I0L N4AI LMAI J4M
I(A@L MMAAL L N,LL H AAH J@I LMAI HM @IL IHAL L H H<HH H@IH HHIH H HH
ICI9EAWAVAUATUSHHhH9H|$0HT$ HL$8LD$(MLLOHHsHD$ HD`DcEl$D*HMEDm~AD$H}1H|HD$
@Ht$@KHD$DHtfDHt$
H|$E1HHt:H4$t$9tL$:Ll$E1E1HDMII{19J8tJt8L$H|$LIsHEHT$@ANJ1T(HT$HJ1(HT$PJ1T(IHT$XJ1(9HD$
L@DHD|$93H11+HT$8H|$0H
1H|$(4Hh[]A\A]A^A_HLAWAVIAUATHUSIHLHHt$"H!AumHHMHItEHt$LHt1H!D$@LLE1(HAHhfDHt$LE1
(HAHD[]A\A]A^A_HL[]A\A]A^A_*'f.HT$ILLLtl$D$\HLLL[t$HtfAVAUATUIStOHHIH^HHItELp(u<1Hb[]A\A
]A^1T&[]A\A]A^fHILLLAWAVIAUATUSH8tqHHIHHpHHD$cHIXHItH|$HLu<E1HH8D[]A\A]A^A_1A%fH|$
DeAHHHHDHHD
HHDtDd,D$(Ld$ Lt$ Lt$u11LuAHLL?+1L$LL&H
}A~HHLLHT$H|$IHLoHT$LL7HT$LLAD;uAHHLLp_Ht$LK%HF}L|$L|$K@HHLLLLLEAPA96HHLLu1LAp
#L|$HHLLELLL{Ht$L*H
A*tA @@D$(LDt$(t
A2LDd$,Lt$ XH
A q LLE1#HAfffff.ATUISHAT$xnLcM$$IrII)f.OMt:A?H@It9~FHcDLHuL9ItH9~HcD[]A\[1]A\ATUISHHH
HH/t#HLHH []A\H
AAj H
1[]A\fff.AWAVMAUATIUSIE1HH<HHtEXH5HcH:HHt2HLuAtN9|JHt$H<$MHLAH5HHD[]A\A]A^A_f.H
YAj
ffff.AWAVIAUATIUSHHAHxHt$LHHu,@H8t<H<p1DHluE1LHxD[]A\A]A^A_Ht$MHHLAtLsL+LHD$LHD$L
HD$HItH|$HLu
LPfH|$quHL HtH|$cLD$@WD$hEH|$D$$0
HtHT$L$$HcBL9~$I<1L\$()HL\$(D$$HL$H|$L\$(AHEHL$D$$L\$(L
I~3Iy1HL\$0LL$(pL\$0LL$(HL$D$$H|ALL0L\$(dHHL$t$$L\$(LL$0H

HL$87D$$H1LL$HL\$(HD$0LL$HL\$(T$0HD$L$$I4$D|$lLl$HL|$8HDl$@HH\$`HHD$XAHHD$(HcHHD$PE
IVA@ML$hA9}7HT$Ht$DAHL$MILdDhL:HIHLHTD$$`IKLCIQMWH9@M9 L9I9@ !|$$!L9M9 !M9H9
@M9I9LH9T$0D$8tHI1II1D$8L$$1)AL$@HA1I<LI4
LAof)oofHA9wL$@D$89t>HcHH4I14II19D$$~HHHI1II1D;l$h+L$hA>IHcAI<HHt=PHcHpH)HHHL
HH9VH|HtALL$@L\$8L\$8ALL$@HRHLd$H\$`D|lLlHLLL0HLE1MHHLLAILEIIAIL!H1T$0I<3HHHH?H
ID3I0L!I31HH?H
HIL1HH9t$(HuHD$PI4MHHAH>IHL$X1HI1II1HH9uEE11MLHHAD$$D$0Ll$HLffff.AWAVIAUATLUSLIIIH
KHHtHLLHH
u1HLH[]A\A]A^A_HILLL1@f.AWAVE1AUATIUSIHHH|$H)XH5HcHHIt.HHYAtB9|>H|$LLLAH5qLHD[]A\A
]A^A_fH
IAj ffff.AWAVMAUATIUSIE1HH<HHtUXH5HcHJHHt2HLAtN9|JHt$H<$MHLAH5HHD[]A\A]A^A_f.H
iAj ffff.AWAVE1AUATIUSIHHH|$HyXH5HcHnHIt.HHAtB9|>H|$LLL;AH5LHD[]A\A]A^A_fH
Aj ffff.AWAVE1AUATIUSIHHH|$HXH5?GHcHHIt.HHAtB9|>H|$LLLAH5LQ$HD[]A\A]A^A_fH
AKj
ffff.USHH1HH3t3HDHstHuH[]fH[]@AVAUIATUHSHIIHHtHLHiu1H[]A\A]A^HHLLff.AWAVIAUATIUSLLII
HHSHtHLHu1HH[]A\A]A^A_HILLLAWAVAUATIUSH8HT${EA+LD$E|$I}D$#AEL1HH58<HD$HHHD$(HII
EL,$AHcHD$D!AD|$$E1Hf.HD$IDH9D${1IH<$Ct=CD>
DA9Bt@t`HD$IDH9D$vWD)99@)@A9@t9D$#g@t$$!H5
HIA!HD$HH8L[]A\A]A^A_AeH
D H5LE1hfDA7H
DE1l f.A|L9|$(r>HD$L8SAqgABH
$A
\A61.Gfff.Gfff.HcOG9}%1)HHH<jf.fffff.US1H9V~H[]f.HcH1HH3HtHcSHHH[]fHfff.OH7WWGATUISHHt(H;H
cLHvkHK[]A\H
AA [1]A\AWAVIAUATIUSHHH~HHHHLHIGH~LL3HtnL
AtH DHDMH(uADLtDLLu#HhH[]A\A]A^A_@AAtDmEtHEHHD,ALtADUtAIH(At
@ADH tDHHgOAATtIH
!HD,EMtTLt
HEHHtI$H#tAHHLLLEIH;tHEHE1L
NwL3
HD$9}DxO=IxO5IxOIxO
If.tt't2DIfIfIfzIfH)FII
LI1HH?I!
I1MILM1HH?I!M1MILMHM1H?I!M1MIMM1II?M!M1MIMM1II?M!H@@AM1AIII?BBD)HIfoqIHGfH5HHt@
HDH
AAqHD$: HD$HHtHHfLFLDOWDGLD^OD_D^D_D^D_DFANAD LDNOFfHt+SHH?Ht
HcsHRXCC[ffffff.Htf.HHfW+FuMLLAx?HcEII4HL)HH9t$@ILHI4H9uH9uH9@HtHtG;Ft&fHu01HDWEA;V}
D@xFLLHcHI4I94wrH)HItILH9wHH9rH9u11x9W~HHcHHfff.1tsHcHLDHLI9tL9xDLcJNJI9u3I)J@HLHLL9u
H9u1DI9@BxAt6LcHcIHIJNDI)L@H8ubHH9u,@LcLcLVLL)IHM)HOI)H8LuHH9tH8tfH9HHDFHH!BH?HD1
HH!A1DFDF1BBD1HH!A1DFDF1BBD1H!A1DF1BVLH2HFI9IAH9HE1UHStMHAL1H!I1MH1H|$1~T$)flHE1
MHfDAoAfofffAf)HD9wA9tOIcAHMHHML1H!I1MH1D9~#McIKLHHH1H!H1HH1>[]QLMDDHHHH1H!H1H
HH1HL9ufD;~8u@tO~9Of1D
(1~PfpfGGWtH1!HH91uW1DUSHHo1uHHcH<tTH[]AUATIUSHHD`DIAA9|McMA9|ZEAT$t:zIH3IHc)HHAuH
[]A\A]fL1D)HcIfUSHHHsPH<HcH}sLcHMJtHctNII)E1ILLDHHIHLIH?!LH)H?IM9uH[]f.HcHD$!QD$H[]fDSH
us[1@s[fffff.SHt
S1[fUSHHHtHt
U1H[]W1~ HHfff.W1DHHRIHfffff.HHFGFGFGG F WH5H~6Ht H@H
qAAHDHDff.HtH54f.fffff.

wfff.G!f.HSH?Htt?Hu[@HOHH5[fDHcsH;HNHsu'H;H5effDH;H5>`ffffff.ATUS9wH|H[]A\@HHcHH5IMHcSH;~
HHLH;Ht2HcsHMHsuGH;H5eL#kH[]A\DH5A'IwH;H5fH
Arx1H
Aix1mH
AAx1E|USHHHG~-
HCH(1HCH[]f&HuH[]f.Ht3SHt)Cu[HH5[{fDHuH;H5KCtH;H5,f.HWHwHWHwHGff.9w|H;ff.H9HtPUSHHHvHt
HcUESCHH[]@H;HuHPUfDUSHHtUHu,HHt7HHlHtHH[]D#HfDH`1HH[]@AVAUATUS?9_~)L/HcHI
D[]A\A]A^fDDsIDHt4IcD$M,$9|I|1)HoEt$[1]A\A]A^D1ffff.G~#HHcHHH:uuGuGfAWAVE1AUATIUSHHH~;t'
u3AD$LH[]A\A]A^A_HuDnLAAAAADHEtADHL31fDAH9t0HSHH
EuI$AvAIH1H9uLHL[]A\A]A^A_Dt$I1M"MtLHD0HD$fDAUATIUSHH(PH9EHcHHt}}HM4HctVIH)E1IH}
LDHILLIH?ILH)A!H?EIL9uH([]A\A]LGH([]A\A]HEIoEL)HDLPH9"fAWAVE1AUATIUSHHHcH~{t#u/AD$
LH[]A\A]A^A_@HuDnLAAAAAD@HHEtADH+1fDAH9t/HHH
EuI$AvAIH1H9uLxHL[]A\A]A^A_fDt$H<$CI1M"Mt$H<$LHH1x
9WfDHH7HcHHH!Hfffff.1xJ9W~@H?t?BLHcGHHHI!HffDWpHUSIHHHHHH11qt2St&Eu/HIHHHH[]H[]@HI
ATUMSHH[u
[1]A\LHHH[]A\[ff.AWAVIAUATIUSHHHDaDHIcHHLl0HLl$MHELMHD$IMDMMDHHD$Ic~HcC1Lc[Mc
~1HD$
H)HLWHMtH+|$ HL$(L)Hl$ Hl$(M)H1IIHfDHIH?I#LAH?I#EHIIIH?HHHH?HH9uLtHTLDHl$
LL,LH<$H)LLI|f.HHHHH1H!H1HPHFH9uL;l$DeEtH5
ZLMH[]A\A]A^A_fH<H5<GHItHD$0H$HD$L@1@H|$H1LNKafSHHtHDcDH[fATUMSHHYu
[1]A\LHHH[]A\ff.AWAVIAUATIUSHHH8LciH|DDl@1HvHuI/M&HHHDMLDM:Mc_McFLIcVIcE1Ht$(Ll$
E1LL)N<HHL$MsHD$LHt$L)I)1IHD$I)IMHITH?J#|H?K#II)I)ME1H9AH9IIEH?IIHH?IH9uLl$
Ht$(I1IE1HfJ1L!H@1JJIHM9uHE1H)1HfJ1H!H@1JJIHM9uHD$\$X@H8[]A\A]A^A_fffff.USHHHWtSuH[]HH
HH[]Vfff.AWAVIAUATLUSLIIIHaHcHtVM9Ht6HLLH!t9HHLL1.@
fDHLHbpufD1HbH[]A\A]A^A_ffff.ATUISHHHpu[1]A\ILHH1[]A\jfATUISHH>du
[1]A\LHHH[]A\kff.USHHHcuH[]@HHExHHHH[]UDH[]fff.AUATIUSHAHH9tHtffDELH)D9HuGHHQct%ALH
xLHH<UuH1[]A\A]DHH(ftA)H[]A\A]H
A&nwH1[]A\A]fAUATAUSHHLHHtNCu7E1HDHHLDDH[]A\A]HHHuH1[]A\A]@IAWAVAUATUSH8Dj(E
u!GH8[]A\A]A^A_fDGt-HH|$HHDHC01EEHC Le}HD$DLAVHDtDHI!$|$ fnl$Efnt$ A)IfpDfpfHf1f=fo-
EDfofofH H ffrfofbfjffoHffoffo@f)I)A9wDD$A9tXHc)HI!D9}?Hc)HI!PA9~&Hc)HI!A9~Hc)HI!EDuLsP(Ic1HD$
L<AED$,IDHD$@IHtDLI@K<H1HH9K<H 1H9IH!L;d$uH|$DHH|$EDL}HT$GHD$
L'DoL4LK,7HCH)KD7I9ID$H9AH1Ht"I$HUH1H!H1I$HEH\$EHHT$
A)~\$EflIfAI<ML11ofAofff)HA9wDA9tZHcHHLLH8HH1H!H1D9HH}*HcHHII$HEH1H!H1I$HEH8[]A\A]A^
A_f.H81[]A\A]A^A_H|$D+HtH|$EIcDGHEDoH?H4HT$\Af.D$,HLI$HEHIH1H!H1ID$HEH9uBHI!$AWAVIAU
ATIUSIHMHY(FR~9tq9~1H[]A\A]A^A_LYL[HHL9toLLHHNtrLHL\f9uHtIO
IMGPHuI}AuOEAVRLHHRfufD1LDZZDH[]A\A]A^A_EA3FA]AEUSHHHH[]ffffff.AVAUIATUHSHIIXH\Z
Ht'LHH HtHLLf1HY[]A\A]A^ff.USHHH8H[]ffffff.HHRIHfffff.SHHH{ H{8HCXHCPC`[fSH5h)HHtHC`H[DH
AADHtCSHH.H{ %H{8C`u[@HH5N[kfDAWAVE1AUATIUSHHHHHNtHHD[]A\A]A^A_HAVH}XHIMt$
HL!HH[HD$ AD$0HH$9HDHHD,HD$ IDHHDP~?I|$H1A$SI|$@TuH(W
HH<HHDHHDD(&.1L@LL\tL"Ln{H$1ILLW__AU1~IEHI\$1IDPIDXHqA$H4r1ILHH^IcD$A\$(9}SIL$
1)HH<A\$A@H<$rlDL[fDH$It$HL<HnHLWfUSHHH9tGHHHvHt=Hu H{
Ht+Hu8H{8HtoEPECPHH[]1HH[]@AWAVIAUATIUSHHIHI,$H2HtHH[]A\A]A^A_HItLLHmt9HI<$tLI,$H@M
<$LLATUHSHPIE1~ E1AHADtLAHcCHHHHHESKtCAt$HHcHUuAD[]A\Kf.AUATUSH-
HcIHH9HIHt9A}I}xNH|HEHH[]A\A]fDEEH[H]A\A]@H.HtQHEJpHHH[]A\A]HHZ1HH[]A\A]MuH1)H
zA7hp1,H
zA1jp1AVAUIATUISDI7HcHI|5
LHSD[AAAA)SA)1HII)HHELHNII)HHED9LG}HNII)HHEA9LGtcHNII)HLGtYH H 4=HFHGt-HFHGt HFHGtH
H HHu1[]A\A]A^D9tH H H'I4bDLBJHMHEHOtLBJHMHEHOtLBJHMHEHOwH H

LJHMHEHuQDAWAVIAUATAUSHIDHD9}EIII$IcDLlLH4IEujIL$H}DL2IEtbIL$H}DL2IEtEIL$
H DLHI I
2IEtIL$H}DLj2IEuH[]A\A]A^A_fHDL[H1]A\A]A^A_B3fAWAVIAUATIUSIEDHXEAL$uEEt@EF4;D+LLLDE
AHX[]A\A]A^A_~DDT$@L\$8HcF84(DHLtDL$LI4DL$HHDHtD$0HD$T$LLHHD$
rDD$0HcL\$8HDT$@C@I4HL$(DH4$HvDL$HHcH@|$EH~HHHFxHH)H1HD$LLL3Ll$(HT$ Ht$MLy3LLL
3HD$H<$LH3)H|HLH2_\$1HcHcIH*H*H=HHtHX[]A\A]A^A_HX[]A\A]A^A_2DDDLHTDLLDT$@L\$0
HDLAHT$ ALLHD$8HoDT$@L\$0D$|$EHT$8H<$LL\$0:2L\$0Ht$EDLLDT$@L\$0HDLAHT$
ALLHD$8HD$L\$0DT$@eDD$LHT$DLLDT$@L\$0HDALLHt$ LHD$8Ht$EDLLDT$@L\$0`HDALLHt$
LHD$8H<$LH0fH<HT(1L\$8HHHD$0`L\$8D$HLLt$8L$ E1E1LLl$8AEZt$8L$
HT$0Ht$(MLY^:DHXAIc1HcH[I<]A\A]A^A_DHDDLHD$8fDH$HD$(HL\$HE1E1LHD$8t$8L$
HT$HH|$_AXL\$@fff.AWAVAUATUSHXL$HcHT$Ht$
AHHD$8E)HDH<$DHHDEHt$(HD$HtAHD)HLHHD0CvH|$DMT=H@rHcHHXFF
[]A\A]A^A_HDHT$(Ht$
EDLLTLTHtAHT0A)LLTHtD$@D4H<$M<2IcHH4HtHT8HD$HHE1E1LLHILHD$@P[Xt$@HT$
E1Ht$0H|$E1:AEAAE)E)A9XZDHD$HAN(H|$1HDT$tADT$&!g9$A9{9sDDA9A~HAEt$@HT$@A)Ht$8H|$(A
)^_fDHT$H4$DL<-HD$@DLLLL-)H|$L,$DLLH-t.D1HcHcITH*H*HtfDHHtHX[]A\A]A^A_HT$
Ht$(EA)DLLT$@LT$@DD$Ht$0HT$LLTD@LTHtfDHT$(Ht$
EDLLT$@LT$@DDHt0HTLLThD$@LT$HtHT
Ht$(EA)DLLT$0LTHtAHT$0A)LD$@LTHt(f.LLL+qILL+HTHt
H<$+H$Ht$(DHL$0AHcH4$AD,D))HH<Hc1HHDt$@HT$@Ht$8H|$(DT$ DT$
HD$D1ED)EMcHcJ<HqAZA[hHDt$@HT$@Ht$8H|$(G&DHD$D)1)DHcHcH<HAXAYD$@HHL$0Ht$(AH|$D
NfHAEt$@HT$@A)Ht$8H|$(A)(ZYAWAVAUATUSHH8DvDzEEC>HHIID$CH9I9IDD)AuA
AHLT$IcLT$DLLTgDHIKLLTLT$ A9T$A9LLL$(DHLT tLLTHHELL$0A1LT$
ED$,I$HuI:A)A)XZLT$aC4>LLT$/HtzLT$C>I$HuEDI:ABWLT$EA3D$I9ABt>LH1H@(fDLLL$(D$HuuD1LvB
H8[]A\A]A^A_D1HaLBHIfIcLTD6f.LT$ tLLT*HqHELL$0A1LT$
ED$,HuI$I:A)A)nY^LTDABf.LLTHLTI$HuI:AB('LT$fffff.USHHHH[]ffffff.AWAVIAUATAUSE|$HHHH
DEADDEl$)AD$At$AA)DD$\INH{H`#E9AWtYINH{HG#D;|$AWt>IN H HHAI !#E9tINH{DH
#D;|$AWuH[]A\A]A^A_ffffff.AWAVIAUATE1USMIH
IL$APHcE1HsI/II.HD$XYLcT$WLLHt$LLHLLL$HHLL[]A\A]A^A_$KlLLI;LLLHtLILLAWAVAUATIUSH
HIHHD~L6uH5/EHx1HELHL<HH[]A\A]A^A_fH=EHt,~BL9tHL1H@f.1LqL9LrHoII$HIFHCIFHCAH~$AGIvA
oHHH))HcHH<HO13$H|$L$DCHHH3sH HD$HHsH LDCHt$HHSH LDCHT$HHCH LHCH{H HHHKH
Ht.HHHcH@HiH"HcHHLl$
HiHLs"HHL1H!H!L1HHHGHCHGLHCAD$uLyAWAVAUATIUSHHIHhD~L6
uH5EHex1H
ELHLHh[]A\A]A^A_fH=EH!t,~BL9tHL1CH@f.1LL9LHoIM,$IEIFIEIFIEIFIEALL$ ~pLL$
IF(AoI9IIIFH911AoDA)H9r9tHHITHT 1L$)HcHI<HO1L$Hl$(T$$L|$@H\$0Lt$8LLLL$HH H H HH H H$H LH
HH I!EHH HD$@H HD$HHLH H HD$PHH HD$XHHH L!LHD$HHLH I HD$@H
LHDXHDPOH\$~$~D$H,$Lt$$D$LLL)L$@)D$P)$<LLLfo$)D$@f)D$PAELL$HH-
HLHeLLLLHLL1H!H!I1IIEIAIEIAIEIAIEAD$MbPHeLLL$HcHHHAUH-
HL$HH9AGH1ITIHH9uaLHcHdLHL$HHL$HHH#fHHH!H
AWAVAUATIUSHHIHHD~L6uH5EHx1HzELHL<HH[]A\A]A^A_fH=IEHt,~BL9tHL1H@f.1LqL9/LrHoII$HIF
HCIFHCIFHCAH~$AGIv AoHHH))HcHH<HO1$D\$DD$|$tTDT$HkLL)H)H)H)H IKLDL$LLH)H)H)L)KH
HkLLH)H)L)KH HkJAHyHL)H)L)KH HkHyHqHL)L)KH HkHqHQLL)L)KH HHQJQHKHH)L)SH
HJRILL)L)H)H)CH HIH-HLt$ H`HLHHL1L!H!L1HHHGHCHGHCHGLHCAD$YLHHcH[`HHH|HcH-
2HHIPHHcH#`HHHHIHH#HIL!H fDAWAVAUATIUSHHIHhD~L6
uH5?EHex1HELHLHh[]A\A]A^A_fH=EH!t,~BL9tHL1CH@f.1LL9LHoII$HIFHCIFHCIFHCIF HC
IF(HC(AH~$AGIv0AoHHBH))HcHH<HO11$D\$$DL$ DD$,DT$(s|$HkLLL)H HCHL$HLLH)L)CH
HHLH)L)CH HCHt$HHLLH)L)L)CH Hl$JXHHHSLLH)L)L)CH

HT$JPHHHKLLH)CH HL$J@HHHCLH){H HD$HHH{ LH)sH HLHHs$H)k H HI4+HHL)S$s(H HLHHS,L)K(H
HIMLL)C,H HIH-HLt$0H[HLHHL1L!H!L1HHHGHCHGHCHGHCHG HC
HG(LHC(AD$fDLyHHHH@HZHHYHcH-HHIBHHHH@HZHHHIHH#HIL!H
AWAVAUATIUSHHIHXD~L6uH5EHEx1HELHLHX[]A\A]A^A_fH=YEHt,~BL9tHL1#H@f.1LL9w
LHoIM,$IEIFIEIFIEIFIEIF IE
IF(IE(IF0IE0IF8IE8IF@IE@AH~pIFPHAoHKH9IF@H911DAoD@)H9w9tHHIT@H))HcHH<HO1HDHLLHH
H H7H HHTHH H7H HDHDHH H7H HTHT HH H7H HDHD(HH H7H HT$ HT$0HH H7H HD$(HD$8HH
H7H HT$0HT$@HH H7HT$@HH HD$8Ie@H WH L)HPHLL!H!H HIEHCIEHCIEHCIEHC IE
HC(IE(HC0IE0HC8IE8HC@IE@AD$ @MAGH1flT@HHH9u/fHEHEHiEH9EH ESHHH=rEu HH[H=9EHu
HVH[@H=EHau
HfH[@H=EHAu
HvH[@H=yEH!u
HH[1[Ht;tu;HGHLGMtHHWAHf.1ffff.AWAVAAUATAUSHHMHHtAHHD[]A\A]A^A_DHAuHtHH~EEuvHH)
H+HHD$+HHD$
s+HHD$f+HHD$(H*AE1L;f.L5WDd$MMIfHgIL9A,$HH|AHtHuHHHH[]A\A]A^A_HAb=HAI=@HA0=HA=HA
=ZHA=3HA6"DN`&HHD$IH*(L)LHD$)LHD$ )LHD$)HHD$(H|$H`HtH|$@u\AE1H|$(H%H|$&Hl$LDd$LMLt$
HLHtLAt@u sAH|$DtHt$H|DDt<-?BHI.HT$HHtHl$0Hl$(E9Ht$
H!tVH@tELDHTMHHHPt&Ht(DLtAHl$0AHt$HtD$<D$(7LD$HHHH9tH}uHt$Htl$(uHl$0E15H|$AE1'2Hl$0
Affffff.I1FfDAWAVIAUATAUSHLLIH%HC'Ht1DHIu%1H&H[]A\A]A^A_f.1ILHL/tLHH{tMtrLHHtL-
icL%dSHv*IM9tWA4H=HudfLHHbuDfH>u%AWAVIAUATMUSHhTHLLD$@D$XDHD8ZD$(3D$6"O
D$@A@~L$D$uNtJADH
Qv&Hh1[]A\A]A^A_DDDD$H5QHkHI!HHHB#H$HHD$(1HHD$
H\$@HHDHCDDH|$D|$
_|$H"H$HHD8HHD$0z$HHHt$H&HD$#D$11H5PLD$hH#H!D$Hh[]A\A]A^A_HL$HTIt@LwtT$
1LEtt$1MHLtHD$
DLl$01X@t$DH|$01HT$0Ht$81IH+H|$0HT$8HH|$EHt$H|$8_%H|$0HT$8HHt$0L$LK;zLd$8HyOH\$PI1HtTH
HHT$XHI_HH9*LHT$XH
9H|$0HH8HuLH!1HD$08t$@L!ffADHH]HNL48Hu1H1I*A>1LHHHHtHVN8I9wLMILHl$89CL'9D$@&1DLT$
{H|$(L#Ll$0Ll$(11MHLj1MHLDDL<;\$uLl$0p|$@@*LHL$HH)HHL$0H9HFHD$0Hl$8LM|$@@LkmfDHHH
LA>19LHHwH9\$0rMH@Ll$0VfDLl$0AH]H|$0J8tMIHl$8vHT$LLLH\$PLd$88H|$0HHxLLd$8HUSHHZ}H5[
HccHRMHtHP-MHcH<H)LH5[fDHMH9II8D t+LAHHJBJHMH9II0ED t,AAHMcBJBJHMH9II(ED
t,AAHMcBJBJHMH9II ED t,AAHMcBJBJHMH9IIED t,AAHMcBJBJHMH9IIED t,AAHMcBJBJHMH9IIED
t,AAHMcBJBJHMH9DD t#AHMcFJDJHL9 H[]fDHH5YH=3R[]b-fH
yYAAiHDjHDAWAVIAUATUSH:@gfffMb)k)H5YKHc)jHHcH<`H5XIHI`HIt`Mt[LHItlH0fA$H5XLvU`LHL[
]A\A]A^A_H
QXAKAhGH50XLv`1LH5XLzE1_LXLd$M<fDLL)HH9H#L{0HIILtH|$INHH+fHL)H)1{xWHl$IHHM9uHHM9I
HIL)HH]WH)H1&yfH5WLv^L4IDA-HD$@AWAVAUATUSH8HH<$H<-
D$1|A#K[D$D4H$HiHHHD$H1#B=!p?HD$;pTCIcDt$,HDID(Hl$
)\Ht AANL1HcE1Jl6H)L<H)HfDA?H+AHIHH
L9uHDHLAIHHHD9lHLzD$(H\$Dt$,HCSH$HtHL$K?@HH HD$H$H8u
H|$;E1H8D[]A\A]A^A_HD$8HHtfD;HHD$Zff.AWAVAUATUSHHYHKE1<-Hu
HAE1B<3McEHG4,L}M'1LB4?A;wDkN+D)BD)PDE1fDL9KLH0HL,HuH#LLD$C0t:LL4/t+1E1LD$@II
E1H}uLffDE1HD[]A\A]A^A_LPHt
fD{HIDLpAGL}tEgfffff.USHHH<-uCHv<0uF<Xt&Ht*;-
t0H[]fHHuH1[]HUJtBH[]fAVAUIATUHSFt+H5_Jt[1]A\A]A^f.LhAFFHcL%RHH)1L,IHHH< LHH8 lHH4 HH0
HH, HH(HH$ HH D hHH HH HH HH HH HH = aHI9[]A\A]A^H5IHHVvfDLHH2IHHH8 HcHJ4!HIHHH4
pHcHJ4!THIHHH0 LHcHJ4!HIHHH, (HcHJ4!GZIHHH(HcHJ4!G$IHHH$ HcHJ4!|GIHHH HcHJ4!FGIH
J4!HGIHHH wHcHJ4!FTIHHH SHcHJ4!FIHHH /HcHJ4!vFIHHH HcHJ4!@FIHHH HcHJ4!

F|IHHH HcHJ4!EFIH HcHJ4"EAUATIUSI1HH=Ht*HL1jH'NHLH>H[]A\A]DItHIfDHLH=IHA@@1Ie
HnIHAWAVAUATAUSj'AH8IH4$H5wLDD$LcLTHIpEHu~)EnA
K!AD$tCL&H$L1ZHc~AuxEMIDHDHD/HD$!D<)AEIL9l$;H|$~!D$/yE9tAEAE1H?KLLXGTH8[]A\A]A^A_
fDulAND<SmAEcfDH
JA)A1}zAAK
ff.AWAVAAUATHUSIHHpLu?df.1HLHyO@"AdA@AJLHxE1DHDu1uLEZAdAA@1HLHcyTALHC=txmE1D
HDrLHxLHHMLHxLHHx1'@H
HA]v1uH[]A\A]A^A_@1HAH
Hq11AAWAVIAUATAUSAHuEuH
9HA]vH1[]A\A]A^A_fDxukH5G'HcHH$OHIH1~bEANDK!EAt
H$ALLLHH4$HOGLXDVPDH[]A\A]A^A_1H[]A\A]A^A_DAoA T@H
FA)Aw1^AK ff.Hu8utWH
FA]v1HxuAHHD1HAWAVIAUATAUSAHuEuH
EA]vH1[]A\A]A^A_fDxukH5E'HcHH$BMHIH1~bEANDK!EAt
H$ALLLHH4$HDLXDNDH[]A\A]A^A_1IH[]A\A]A^A_DAoA T@H
DA)A'1^AK ff.USHFuHHHt1H
"DAwsH1[]HHH[]1]ffff.USHFuHHHUt1H
CAwsPH1[]HHH[]f.ff.ff.AWAVAUATUSHHH|HHt
 HLDLL$(hH5CI}HJHIC`L$H3r LH`H)LHHD
H1HD$<HD$<Lt$@H$ LHD@L
ZHHt$Hx`LHhHT$H4$HW@LHGHLL$<@)H@FID
@>tA$@T$<E9D$<>H\$LHHLD$(HL$ HH115f.H
AAL$Au1H5AL HL`tH[]A\A]A^A_L$1@JBI$MHILHLHPHH)I)r1M89L:rT$<A$ALLT$<fDALfLT$<fSHGG
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A9DLD9E4DtH}DHHDDDDE4DD$tU0H<$Luc1H&H[]A\A]A^A_D1LLLKHHt1H4$HUHLmDD$tD+U0LLC
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QAGII)HHtHHH HH?I9IDHuEEl$Au
AD$HD[]A\A]A^A_If1LA@fffff.AWAVAUATIUSZ?AHH(vI!1HEt$H}HcHEHD$LA?M<$IcEDl$ENAA?MDE
DILHI LHL!EI~OMcAFH|$IqHH)HL$LODLHDHHL!H
H9KIuH|LIMt%HT$1hEt$IuAD$EADEH([]A\A]A^A_ffffff.USHxHHtH[]H
8AYw1H[]fff.AVAUATUSAIHAD9v?Ho)Dh~?DIAL95DL:H1HEAD$EHuIcHM$El$D)?H<
bHTI9IPAH9AHDPHEAE9rf`L_H?IXI8)HHAIH11foAH9wDD)HL;LA9HIHGI@fD1[]A\A]A^[]A\A]A^f.H7tH@
IL)1HIHtIILL IHL9uDMDHHtI0EuAD$xH
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DI|2DHHIL!L
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H1L;bH$LDHILd$HDHtIL-
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LD$HtAAAIc2vHA9t$LcHVII4$DI>XD$I9AFAAF

LHE13HAHXII4$I>HL$Df.I4$I>fI4$I>oLHII4$DI>~9fUSHHHH[]AWAVAUATIUSHHHIHHn~tH{tQH{Ht_1L
wHcHIuE1HHL[]A\A]A^A_fDL{t<HL}fuHIE1LDfLh}uLLLHDLHD(LHD$
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.A)pyE1|ksHIPL{HcLLE1/sHIH|$LHLYHt$H|$HA1H|$ HHD$
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$
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LW MHIL_(HHD.H_ILGMH@H
O$VgI?N,YI?M LWMHIL_IHFLgIKVLoMI?NYI?M HIHIH_LGfH~H1I)JTL8HL$J|8HT$IJ<fHLOLWL_Lg
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Multiplication with scatter/gather for x86_64, CRYPTOGAMS by <appro@openssl.org>H@BHt
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A^AF1A1A1A1D1D1L3T3L3T333A^
AF$1A1A1A1IMI I M M IEI]MEMUIHII1I1L HL IEI]MIMI1I1M IM MEMUMIMI1I1M IM MEMUIHII"I"L HL
IEI]MIMI1I1M IM MEIHII1I1L HL I]MIMI1I1M IM MEMUIHII/I/L HL IEI]IHII/I/L HL IEI]MI"MIIM I"M ME
MU(IHII/I/L HL IE0I]8MIMI/I/M IM ME@MUHRf.EM0EE4E]8EU<E3M
E3E$E3](E3U,D1D1L3T3L3T333A^(AF,1A1A1A1D1D1L3T3L3T333A^0AF41A1A1A1IEI]IM IU(Mu0M}8MI I
M M MEMUIHII1I1L HL IMIUMIMI1I1M IM MuM}IHII1I1L HL IMIUMIMI"I"M IM MEMUIH-IIIL H-L
IEI]MIMI"I"M IM MuM}IHII1I1L HL IEI]IHII"I"L HL IMIUMIMI"I"M IM ME MU(IHII/I/L HL IE0I]8MI MI I M I M
Mu@M}HIH"IIIL H"L IMPIUXMIMI/I/M IM Mu`M}hIH"IIIL H"L IEpI]xMI3MI
I
M I3M MML<LtLlHlH\$ Hd$(;fsLXzO/7oST-
h'Vpppppp,,,,,,"'WWW###kkkWWWEEE555OOOAAA###kkk|||EEE>>>^^^!!!999OOONNN]]]eeeZZZQQQlll|||ttt
+++>>>000444___vvv^^^mmm:::999222GGG]]]SSS===ZZZzzzQQQ$$$VVVlll```MMMiii

fffbbbTTT---dddttt+++ uuu
LLL444sss~~~vvvmmmRRR111oooccXXX:::aaa)))///222xxxqqqSSS"""rrrDDD666***zzz<<<$$$@@@CCC```i
iiwwwPPP"}}}555bbbAAATTT[[[!!!NNNdddeeeHHH000___uuuGGG=== ???VVVMMM

\\\fff---JJJ

333sssLLLggg~~~111RRRXXXaaa&&&777;;;""""DDDoooKKKccc...PPPyyy}}}[[[nnn)))HHH///???YYYxxx\\\JJJ
jjj333gggFFFqqq%%%&&&777BBB;;;KKK...rrryyynnnUUU

YYY666IIIjjj***FFFhhh<<<%%%888BBB@@@(((UUU{{{

IIIhhhCCC888((({{{www888AAAXXXvvvgggNNN```rrrjjjuuu]]]WWWFFF"'222KKKBBB"'':::%%%III{{{

CCCqqq___>>>>>>ggg|||```nnn///444

MMMSSSrrreeezzz---kkk+++666555MMM333fffaaaXXXZZZ:::$$$ VVV@@@xxxccc BBB333&&&aaahhh???;;;

oooSSSbbb...(((

,,,tttooo666""""888ddd999NNN,,,000yyyDDD""""eeeYYYkkk===###HHHtttQQQTTT000~~~(((UUUUUUhhhAA
APPPCCC111///***<<<+++ppp222iii
bbb$$$GGGEEEsssmmm~~~)))JJJ...%%%!!!HHHfff{{{;;;qqq)))777lllLLLdddnnncccvvv---
KKK&&&}}}___\\\OOOFFF???777yyy^^^GGGRRRmmm[[[^^^iiiZZZ<<<111LLL555###uuu]]]jjjJJJWWW!!!D
DDEEEQQQ}}}999sss|||wwwYYYVVVlllTTT444xxxpppIIIRRR
PPPwww***[[[zzz@@@===OOOHSUATAUAVAWHH@HLQI)IIL)IILIDLD$(Hl$0H- HEHu
H}@L]`HHIHO<>AHHIL4HTHL$L9DDKDSD[ff.E3$E3L$E3T$AE3\$AAAL4AHTAHL$AEEAEMEUMd
$E]I9MmuHuLl$(EEEMEUE]d@H1HDHD
HD$LH|$ fLdHD(HD$Kff.MHHHL4$IHTHLHH[fDEELET$AE\$AHD$AH\$
A"L4HTHLAIAI\$AD3D$AD3L$D3T$
Md$D3\$$I9t!EEEMEUE]MmxHT$(Hu%EEEMEUE]HHZ<fff.DD$DLDT D\$$Ht$ I}fHHZHL$0L9LqLiLaHi
HY(Ha0Camellia for x86_64 by <appro@openssl.org>H5VHD$P
HH56HD$P
HH5HD$P,
HH5Ht$
HtfD[HtCHt>t
uSHH1[DfDfHHHfff.HHHlH5&HqHAWAVMAUATIUSILH(AHL`1HLt$uwH4$LHTDCDLHTkKL@
3CkKCCA,1AD-HH9t*HcA,H>1AL-
HH9[AH([]A\A]A^A_@HtHl$E1uzH4$HHTDCDLHTkKL@skK@s@sC24CD5IL9_HcC44H@21Ct5I@1
I9Y1SHHHD$GH|$DuCDcCD$ScCSSH[DAVAUATDgUSNLPHHHLHL
sHDA,3,A,NA+,F11E3$IG4D+4DAFANE1D)DB,A,A3,NA+,F1E$D3$ENE+$F
E1D1A3,E,D+,DAN,AF(A1D)DFEE3F0E+N4E1DA,AE+4A,F83,N<DD11E3A+F@ANDEA1D)DBAA3A+FHN
L1AAAC+AA3NTDD1A3FPA3A+AN\FX1)AA3A+D1D^`NdAADAEGE+A,3,DD^h1NlA1ADAEC3IGD+ANtD
D^p1A)ADEFEE3E+N|D1D^xAADDA@ED3A4C+4D1_[]A\A]A^ffffff.AVUSD_FxN|HHDIHHDFL
HF3L
H@EE+NtD1DVpA)ADEFDE3E+NlE1DVhE1ADAEC3D,B+,ENdAD1DV`AADIFD3@EE+E1DVXN\E)ADEF
DE3E+NTD1DVPA1ADAEG3IFD+ENLE1DVHEADIFD3@EE+NDA1^@D)A3A+N<A1^8D1E3+AN4D1DV0
AADDA@A,C+,A,3,N,DDV(A1E)ADEFDE3E+N$D1DV

AA1ADAEG3D,B+,AENDDVD1AADAAEAGG+EDD3NED^E1E)ADEFDE3^E+NA1D1E3+AND1D_AADDA
@3A4C+4[]A1DA^fH1HHrHL
HLTHMffffff.AWAVMAUATIUSHZHHXAEHTAPHHHIHt$
H<H\$ILl=H|$H|$HHHfDA<AtIH11HLDHTLDHTLeEu@u@u@uM9UuH\$H|LLd
Ld$HH\H6HHL\xH5HcHH/HHl$0LD$8H<H\$
AH|$(HH|$H|$HH|$MDEIH4$H|$HAAELHDDLD$H3\$LD1EADALAtADAtADAD$L9d$A\$DqEAH\
$
HDHl0Hl$(Lt$8HH\HDeEH|$HH4$HADdHDLL$LD3|$HD1Ll$IHHHcHfIEA]LhPIEAMLhDxDIEAMDLhP
AE}AEDE~EnADAFDAFDAFDAFDAFHX[]A\A]A^A_AKIA{IsH L^vH 1AKIsH~vH wL_H AsH
1H4$H|$HDHTLTHLLATALAAADADAATATATEA~A^AFE^AvAnAVHX[]A\A]A^A_AAfDA
AHt$1fL1fD1fL1fDL1fDLLLAEAWAVIAUATIUSMH8AAHL$AH\$ |$*@t$(\$+|$$@t$)|$.@|$/@t$,H@t$-H|$
M11H|$usHt$H|HTt$ t$*L$)L$$D$(A2HT$@t$+l$.L$/A@|$,HH9@|$-
tHAHc2L4(AHH9fuAEH8[]A\A]A^A_fDt$
L$$AtALAATATATAT$AWAVAUATUSfHNH$0)$8)$H)$X)$h
offofh9f`ffofifa)$Hfofifa)$8)$X)$hzHcD:D8y9_HcD:D8y9DHcD:D8y9)HcD:D8y9HcD:D8y9HcD:D8y9HcD:D8y
9HcD:D8y9HcD:D8y 9HcD:D8y
9~pHcD:D8y9~YHcD:D8y9~BHcD:D8y
9~+HcD:9D8~Hc
8fDD$8D$<1H$0
DLlD$tAAL%GE D$DD$@$HAADX\A$d$$ADD D DhTDPEDpAH-,HAA D EA AD$$`E EA<E AE
GLxDt|LLDDT$LHA D\$G4ADtHDHHAD\$H$(
f$$H.HBtC3434D$D13t$1D@A4H|$H=HLH\$H\$t$B33A3H\$1D1AADAALl$EFlG4AIDF4T$\$E1Dt$L4$DB3t
113t$AAEDtHCLl$pDLl$xCIH$H=)H\$
Dt$B3FIDD1|$(1H\$3T$3T$E\H\$AEL\$T$$Dl$,CC3A31B3T1ADAD1L-
HE3DEC3DLHLDL0D1C3DAFlAAL$H|$DADt$dL|$hADl$4\$83LDL%HH$D1A3DC4L-
HL$1C3D1ADAC34C3tM3tMDC34LD$IL$G4L$A@AD1G@HHDt$@D1A33TDL$<A3TH$DE4H\$C3LAH=
6GB3LALLADtDLl$B3EC3L$D1C3DAFtAEIADtLt@\$DL-
GH\$B3t3t$A3tHG3t$A34ADAAC3L$EAB3L$E3DH$C3L$AADl$HFDEDDH=2GD|$LEFC<Dl$PELD$D\$TC3
<LD$C3<D1Ll$D1LGAA1DC3ADM3TH$A3D@A<A3H$|$XAA1EDD\$AAEH$AE4D1DEB3LAT1A3D1ADD
H$A\Ht$AHL$C3\$\D|$`A4AD11A34AA3tL$A3T$13T$\D1LtADAAT$\D$
EL$CB3LL$C3L3LA3L$`ALL$`H$A3TD$
3T$B3TC3$HTXH5TGLfnt\33T$H3G3Tfn$B3HtfnD`fbTXTD3Tt$HB3Tfnl$XfbA33HLflTT$LA33A
A3HtDA31L$3D$HHtHDL0fnl$A3H$B3L$D3LfnL$fbDDP3D$TfnT$A3H$B3A3D$DL$fn|$B3DL$3D
$<fb3flD$H$DC3L$B3LfnTC3DL$4A3E3H$HDD$8fn|$D1LL$3D$@fbB3LLDH$fn\$A3H$3DH3H$A3
HLDC3Dfnt$3D$(L$L|$h\$dHL$pT$$B3DLL$x3D$
fbflDD3D$fn\$3D$C3DL$A1D$,C3A3DL$3DIHtfntA3fbDDA3fnd$A3A33DD$fnl$HD$$$fb)Pfl)H
))@0H$(HD$foBH$0fo"fo$fffo$xfofjfbfo$Hff fo$fofjfbfo$fff$H0f`
fo$fofjfbHP`@fo$fofjfbHpP`H[]A\A]A^A_D1G

expand 32-byte kChaCha20 for x86_64, CRYPTOGAMS by <appro@openssl.org>HLoHASUATAUAVAWHXo
oQAofo%fLfT f\$0Hexpand 32-byte kDDDLDT$D\$fA~Dl$4Dt$8D|$<Hl$@
Ht$HfH~H|$PHH fDA1ADA1ADA1ADA1ADA1ADA1ADA1ADA1ADA1At$
|$$t$(|$,DA1ADA1ADA1ADA1ADA1ADA1ADA1ADA1ADA1ADA1ADA1ADA1ADA1ADA1ADA1ADA1ADA1At$
(|$,t$ |$$DA1ADA1ADA1ADA1ADA1ADA1ADA1ADA1A|$$t$ Hl$@foHt$HfH|$Pexpand 32-byte

kDDDLDT$D\$Dd$0Dl$4Dt$8D|$<fL$ H@33^3N3VD3FD3ND3VD3^oF D3f0D3n4D3v8D3~<Hv@ffT$
f~\$0_OWDGDODWD_G Dg0Do4Dw8D<H@H@H]fD$\$H1LTDDDLDT$D\$fL$
Dd$0Dl$4Dt$8D|$<H[1DHuH$L~LvLnLfHnH^H&@IA0H#HHfoo oQAofo5[fo=cffLfT$ f\$0I
S@ffffff.fofofoLfoT$ f\$0I
f\$0ffffff.fff8fffofrfrffff8fffofrfrffpNfp9fpfff8fffofrfrffff8fffofrfrffpNfpfp9I<ffLfT$ f\$0H@rOo&onfof
fon0Hv@ffOW _0H@H@9DffLfT$
f\$0M1BBM@1BDHuI!ffffff.IHHfDoDo oQAofo
fo51fo=9fEofD$fEofDL$fofT$ ff\$0I
fDffffff.fEfAfEfAf8f8fffDfDfAofArfAofrfArfDfrfDfEfAfEfAf8f8fffDfDfAofArfAofrfArfDfrfDfpNfEp9fpfpNfEp9
fpfEfAfEfAf8f8fffDfDfAofArfAofrfArfDfrfDfEfAfEfAf8f8fffDfDfAofArfAofrfArfDfrfDfpNfEpfp9fpNfEpfp9IOf
DfDLfT$ f\$0f
fD$fD\$fD$ fL$0o&onfDof fDon0fof@fonPfDof`fDonpffDDOW
_0DW@D_PG`OpI!ff.ffffff.IMHwI@I@HHfDomDo9oyAoH$LLfEpfEpUfDD$@fEpfDL$PfEpfDT$`fD\$pfEpfE
pUfDafEpfDifEpfDqfDyfpfpUfafpfifpfqfyfpfpUf
fpfIfpfQ fY0rffffff.fDoD$@fDoL$PfDoT$`fDo\$pfDoafDoifDoqfDoyfoafoifoqfoyfofoIfoQ foY0fft$ f|$0fAo:
ffEfEfAfAf8f8fffDfDfAofArfrfAofArfDfrfAo3fDfEfEfAfAf8f8fffDfDfAofArfrfAofArfDfrfAo:fDf$$flfod
fol$0fEfEfAfAf8f8fffDfDfAofArfrfAofArfDfrfAo3fDfEfEfAfAf8f8fffDfDfAofArfrfAofArfDfrfAo:fDfEfEfAfAf8f
8fffDfDfAofArfrfAofArfDfrfAo3fDfEfEfAfAf8f8fffDfDfAofArfrfAofArfDfrfAo:fDfd$
fl$0fo$$fol$fEfEfAfAf8f8fffDfDfAofArfrfAofArfDfrfAo3fDfEfEfAfAf8f8fffDfDfAofArfrfAofArfDfrfAo:fDfDD$
@fDL$PfDT$`fD\$pfAofEbfAofEbfAjfAjfEofElfDoflfEmfDmfDafDifDqfDyfDfDLfDoD$
fDoL$0fEofEbfAofEbfEjfAjfEofElfEofDlfEmfDmfafifDAfDIft$
fD\$0fDofbfAofEbfDjfAjfofAlfEofDlfAmfDmffIfQ fY0fDofbfofbfDjfjfoflfAofDlfmfmfmH o6Do^oV
o~0f4$fEff7ov@D_Do^PW oV`0o~pHft$fEffw@o6D_PDo^W`oV pHo~0ft$ fEfAfA7ov@D_Do^PW
oV`0o~pHft$0fEfAfw@D_PW`pHHHnHH@sM1fDdfd fD$05o6Do^oV o~0f4$fEff7D_W
0fot$Hv@M1f4$fDl$H@fl$ H@fL$0fffff.o6Do^oV o~0f4$fEff7ov@D_Do^PW
oV`0o~pft$fEffw@D_PW`pRfot$ HM1f4fDTHfDt$ HfDD$0fDo6Do^oV o~0f4$fEff7ov@D_Do^PW
oV`0o~pHft$fEffw@o6D_PDo^W`oV pHo~0ft$ fEfAfA7D_W 0tKfot$0Hv@M1f4$fD|$H@fDL$
Hf\$0BBMR1BDHuI!fff.IHHwyoozoyzo8H$AypAypUyD$@AypyL$PAypyT$`y\$pppUApIpQYAypAypUyaAyp
yiAypyqyyppU%?pipq y0_@yoD$@yoL$PyoT$`yo\$poAoIoQoYyoayoiyoqyoyo!oioq oy0%
!ff.ffffff.91)!xxxx iaxxxxAyAq)!xxxx iaxxxx91)!xxxx ayxxxxAqAi)!xxxx ayxxxx,9D$@1L$P)T$`!\$pyt$
y|$0A9bA)bA9jA)jA lA mA9lA9mAIQYyytyoL$ yot$0ybibjj)lA)mlmai1I qbA1bAjA1jAilimAlAm!iq
y0YbIbjj1lA1mlmo4$yo|$H6Nn n0~@)VPV`1NpH!^ v ~09F@FPf`fpH7Ozo o0z@zWPW`zOpHz_zw
0zG@GPzg`gpHHH3HH@s M14Lyl$ l$06Nn
n07Ozo o0Hv@y<$M1yT$H@T$ H@yL$0Vf6Nn n0~@)VPV`1Np7Ozo o0z@zWPW`zOpHy$M1\$Hyt$
H|$0ffffff.6Nn n0~@)VPV`1NpH!^ v ~07Ozo o0z@zWPW`zOpHz_zw 0tCHv@y$M1D$H@yd$
Hd$0BBMR1BDHuwI! f.H HHSHH_(tSt.t[fHGHtHp(HtGE11LG11H0[fDHtxHcE11Hf.1[fff.H(wSHHs H5Hr
[fUSHHHr Hx(HHH[]SHHHC(1HtCH[ff.USHHHHHC(1HtHu(CHH[]fH('ATUISHH-H1Ht)Hu(H7D$tH~L
H[]A\HD$H[]A\ff.HSHH=d(Ht(8kuSxeuMxyuGxuAH[c H8 HtSH{(LC11H[DH=}Hu&H[X 1[@1D[SH582x
HHt!<K HHt<H[DH
A3AxoDH5H81"x
SHH?4J H{H H{ H{(H{h [Hfff.Ht+SHH;J HH5@T[w
Dfffff.t'ATUHSHH6H?` u[1]A\1DH}f H{LcHuLH{(Hu(LH{HHuHLH{hHuhL[]A\fDATUHHSIHHLuHHuCMMt
H?L~111S^ 1[]A\HtH;E11.^ tHH; f HtH;D)^ tH;L11H] tH;HkHe H;LcHDHe wCHED$H{AAE;EL$I@4D
LHI9uIcHAALK(AAD1SAAE~11f.4T AHHA9HcIALE!HD1A"
H;L111\ L1Hn@H;hd H{HHc1[]A\AAD1SAA+Hffffff.AWAVAUATUSHHHuH[]A\A]A^A_fHH?Ic
HcLcM~QLEhMI)LL9LD$LLDL)tLD$H}HuHDMLc t1I9L}HreDL)MI9sUH}DLLSc uH1[]A\A]A^A_fD1DHLU
f.H}hHL11AAUATIUSHHHH?b
HLcLMeA9TDHc)D3hHUHC(H9HCxH9HShqHB9eCh2C(E*Ci2C)E'Cj2C*E4Ck2C+E1Cl2C,E.Cm2C-

E5Cn2C.EsCo2C/E;Cp2C0 E2Cq2C1
E DCr2C2E
;Cs2C3E<Ct2C4
E=Cu2C5E
HCv2C6E@LD3()H|3hHAofvAo@fGF9tHfDTh2T(TH9H;HH`
tH[]A\A]fDLHDDH[]A\A]f.H|3i1HcDdLE~HSHEH9HCxH9AHShAt$HB9Ch2CELCi2C ETCj2C
ECk2CE?Cl2CEJCm2C
EACn2CESCo2CETCp2C EUCq2C
E LCr2CE
MCs2CEDCt2C
E;Cu2CE
2Cv2CEfDLD3)H|3hHAofvAo@fGF9Hf.Th2TTH9fDq1HTh2T(THH9uQq1HT2ThTHH9uBDfDfD1ffDfDfDl1e1
@ 6lb1[
=)

ftLGHH?111T D1tDHHHx
HfDSHHtt9H[K? HHC01Htce HC(H[H{(D$ H{0*? D$H[Ht^USHHH.tZ~+uNH3Hc8HHCH[]
uCHyH)1DfD
uHsH/9H[]H[]@tDSHH{@ H{8H{H![f.tDSHt6tat[DHBH%Hp(Hx l
HZH{(c H{
H{0A [f.HBHHp(Hx Sl
HhHHHt~DTHH|$ THT$H|$@HlLHT$(HT$
HD$0)D$@HT$PHDvHhHH'HHGHHHHHDHHHHDHHsHHDHHCHHDH7H0H0GH0H0gH0HH0HHDHH0HH
DHH0HHDHH0cHHDH0WAUATIUSH2HHtJH=G:HHtJ8KH]HELkKH{LIEHH[]A\A]fDH12fff.HGHxs9AUAT
AUSIHHXHHHMd$HHIT$:u1H9HX[]A\A]@HlHTHH3~ET$I|$tq9HwHxtH
EAUu.1A{@H
A@Au.1OH1f@:H
AOyu.AWAVAUATUSHH8LLwHJOHHNHL$1H_MaH{ HsH|$tHCE111A'I H|$U H-Y IH|$I)V HD$H|$X H{
Lc]E1Hs(H|$L9M HK H|$LD$E1MA11H MAHIGH|$HY _I?EHzLLf
vDLd$ L%
Ld$I?xKHH{ HA:H
H|$E1E111HG IwH|$U IH|$W HD$LcH5WLd
HIAYH|$HL ~SH{
dMLk Lc([FfDH
QAAex.E1E1Hs(H{ H"`e
HLLHC Ae
H1MH8H[]A\A]A^A_DMH
Atvx.xE1E1lDAH
Ax._Af.HK rLD$H|$L11AE1E1E wDH
)Aex.fC0.Hs(H{ Hx,d
Lk Lc(E1HK LD$E1H|$11rE ~Hs(H{ Hc
HC AQH
{f+fH
aA)Ax./Sf.H
1Afx.f.IGlfffff.AUATIUSHHHHHwt.H5IHa
HHC t<LLH&HLc(At
=DHHD[]A\A]@H

iAA.E14HD[]A\A]fDAUATUSHH}HItuHHIHtOH=GHHCCHHCHxHL[HL]A\A]H?Gu;HCDH
A{.oH1[]A\A]fH
qAz{.?DH
IAA{.H1[]A\A]f.HGHxHt
HxtSHH?$FuHC[fH
Ak.1[ff.HHuCHGHx(HGHtHHtHct~SHft1H@HGH<tHx(Ht HHHtu@H
1AKo.DH
 AG}.1wHHtH@Hf1fff.ffff.tuHGH@(@HGH@01DATUHS(HHHxt1H9HHx11H
t}H[]A\@H=G|HHCt;L`@H;I$q@HHCH
A&A~.oH1'H
AxA|.DH[]A\fff.u:HHtHG(HHtHG HHtHWH@fDH
1HA|.1H@uHGHxCDH
HA|.1Hfff.uHGHxCDH
HA|.3HfUSHu,HGHHHx(1 HCHh(H[]DH
)A|.H1[]fffff.H(?u7HGHtHDHD$$H@H0[H(fDH
A{.OAWAVAUATIUSH(HLDLL$JHI6HpHHI9L5+GLyHHOH=(GsyHIHC3H|$ht-
HPH=GHT$@yHT$HBIGHxI}HHTHt$AMg(IG
IGH8IGHT$`HPH@HtHL$hHT$pHHP<I1HH(H[]A\A]A^A_fII txIAt4H
vd.1L5GHL1cjfDH
A+Ad.ODdfDTfDAH
ciAQD1L5OGbf?u{HHHGtHH>HtH0H2HtHPHMt+H@HtrHMIt,H@If.MtH@HuIDH
HA;{.K1H@MIuf?uHGHp HP(fH
QHAY{.1H@AVAUATUHSHt6H
A.1H[]A\A]A^LfID$(H>HW1HLj HID$0tH "I|$0E1U ID$0H5mLV
fD15ofH^H{
 HGL`HCH8==-1wHJH4H9s(HC8H
Au.E1HH5L1BV
H%H
A.1=H
qAr.wf.H
AAv.1EH{ HHHuiHCH58HcU
HIoHC1LHHHDHMl$ ID$(f.H
As.E1,HI|$0u% E1ID$0@E1I
 ID$I|$0H1HLcHH fH<$H5T
HIID$I|$0HLLcHHk Iu(I} HU
H$I|$0Mu IE(O ID$0H
bAA.sH
<An.H
A.'H
AA.I|$0 ID$0JAH
hfAWAVAUATUSHHQt.
1H[]A\A]A^A_DH^HC HHK(HWHHH4LjHuH
Azs.E1H5L1cR
HF`u\LnHGMe0LxM1HE1Lf H5IE0_LQ
DH
aA.1@H
!At.1I}(1% HIxHE1 8E1I L IO MG(H1HLE1V H<$H5{M)Q
HI#IO MG(HHL I}$LE1IE(H5~HxP

HIIM EE(1HH~RH{L?f.H
AFn.E1\ H
A./f.H
aAA.QH
;APA.@AVAUATUISHGLhLHII}t{ID$1Hh!DHvLH~_HL9|I\$Iu(I} HIEoP
IE IE([L]A\A]A^H
YAet}.Iu(I} H0IEo6P
IE IE(LE18[L]A\A]A^Lc1MuwI<$l9}8I<$mtu;@D1@I|$,8tI|$
9|13H{~Jv6u
H@tH{~9|H{tmbH{ u;RGffffff.S1HHGHt"HHt1HL$~\$H[fDAWAVAAUATIUSHgHL5GILkHHLHHHdtGH
(~A}e.HL1]HH[]A\A]A^A_DHLHtI}H?xuH
}AAe.ZH=GkHHHCnDHy%LHL$_21LH7t HL$AHi(La t11HG HL$HHA0H- 1Hf1L5GfH
|Aqe.OH0.Ht
HH=)DTH=DHHH
1GE@H!GdV@H=Gi@H5G[@USHHHHtH^-
HH1Ht!H5GHHt4HtHH[]HxH[]AWAVAAUATAUSHIMH.HHHH8tJDHH{H54G?zMLkHCtZL`HH[]A\A]A^A_
fD1
t8H Hx

H1@Dp@H
APA.7DSHHHHtHD2xHLAHuHH
iAiA.1H|$H5AkH
H[HtHHHG0u+Ht@HtHMtHGIHtHtH@HATUHSHH`HFH8.+H7_ HtRLd$
HSH=GLD$HLBt.DD$LHt@H`[]A\fH
9A.H`1[]A\@H
AA.DkDH`[]A\fffff.AWAVAUATUSHHHXHD$.HH.HtFHIt>HwtiH
A.11L-GL-G11H|$LHWHX[]A\A]A^A_HH,=tAH
{fHHH8HL-4GE1E1LHHu)DHwHuHx(ItAHvA9|HvA9~1LvH(HH3HHnIFH8,4)H\
HLd$IVH=CGLD$HL;D$dHsLalt2
(HLHHuH7`Ht$LNHD$HuH8`H
QA.1AH
#H
A.1vH
A.1N|H
A.(VH
A.1.H
tA.1H
LA.1H
$A.H
A.dH
A.>lfSHH0HtHDe~q2%HHbHtuHDHDH|$H5G1D$HHD$ HC(HD$(HH|$H0H[H
A9.1}H
AC.1UATUHSHE1Ht)HHHt.HPHAHHHPHED[]A\K}HHuH
AA.D[]A\f.HHH=SGfffff.HHH=3G~fffff.IHH=cGIHH5?IHH=CGIHH5QHHH=bGjHjH5jE1E1H(fHHH=2GjHjH5
jE1E1H(fHyG4@LiG@L
YGL}ffff.AVAUAATIUSH>HI&HjH&1AuHCHp5GVDLAHLZY[]A\A]A^f.HGu1HtHOHIHHtHOHIH
fDH
HA.1Hfff.?uHGH@ fH

yHA-.{1H@HMHtIMtIHtHHtHHtHDEu)Mt
HWHIMt%HWHRIfAtBAtT1fDH
~HA=.1H@HtHGHfDHt
HOH HHtHOHIH
?u;HGH@tu Hx_HxfH
~HAb.HH?uOMt
HGHIMtHGH@IHtHHtHHtHfDt1Ht
LWMLHtHwHvH2HtHWHRHMtIMtIHtu"H@H8FfDHxf.ATUHSH_AH{(HHC(t)1H_ HHtH/ uHE1
D[]A\Hk(D[]A\@?uHGH@0f1ffff.AWAVAUATIUSHHHhHBD(Lpu.H5'|1<
Hh[]A\A]A^A_f.H]H{0. HH@HD$v1fHl$
H{(HT$H FHt$HE1H5{L;
H{0
H{(HC(1SH{0E1E111HZ tHD$H{01ELHHD$ zHc|$H54{J;
HItH{0HT$ELH uHt$H?DHt$HLcl$H{0 H{(HC(ID$HzHXHs(H{ "<
L{ Lk(bAWAVIAUATIUSHAH(H=GJYHHEH=NGEH!YHHtyH{ H
fAL}upIALetA1LHD$ HIH L
H|$l 1H([]A\A]A^A_H=GAuXIGHEHxHtLsfH5aGHD$]JD$Ht$L iLs H|$1 HIt7H =H|$Lc(Qk Lia Lu-
E1AWAVAUATUSH.t8H
xAx.1H[]A\A]A^A_H^IHC Lc0HD$HGLhMuLH+ L$' Ht(L' H(%H=tK1L8+ ,<$e<$#HE111L
tLcA<$1LwtHD$8Lt$E1l$,HDHD@HHD4HD$ f.LhA9DLhH{(HpH 1IE H{0Me(HD$F* HH@HD$8
H{(HT$H4$S Ht$8H<$HD$H|$H5w16
H{0 H{(. HC(<H=GA$UHID$1H{0H$E111A _H{0HL$1HT$ E ?Hc|$4H5bvx6
HHD$tH{0HL$EHT$ H u)Ht$8H<$fD!HHt$8H<$ADd$4H{0 H{(H}Ht$DHC(!l$,!HHH
IG0@H9G$A@H=)GDT@H5GTF@IH
GgHfff.SHH?tO~5==tSHS:HH[@tt>HSuHCHPHH[HC[HPHHHC[HPHHHC[HP(HHHC[HPHHH
tA.W{1lHHtRHHt2Hx tHx0Hd@;HHcHH1HfHATIUHSHI<$!HsHcHDIL[]A\DLh'IMt
HL[]A\/LIMuHuHSL8IL8IH
9sE1A^o.zL[]A\@HH%H
rA@o.E1y)fDAVAUIATUE1SHHVHtVHHHt
@ H}"~@=1LHNAHD[]A\A]A^LHkHA[D]A\A]A^L/HIHL$1H+LIS11L*Ht$H;DR{HH` DH
qAn.E1lxHD[]A\A]A^@HA[D]A\A]A^fH
IqAwin.xf.SHH?dt_~==tf=t9tjH
pA.w1[DtuHCH@Ht3H[@HCH@fDHCH@(fDHCH@1[fATUISHH?~K==tCH
Ap1A.w[]A\fDtCuHCHXHt>MtL
HIt$H;L#[]A\DHCHXHu1[]A\f.HCHX(fDHCHXfDH'HtH8Hfff.ATUAS1HtEHH8uHt-HO
[]A\@njH[]A\KjHHHuH
nAA.u[]A\S*HHtx1HHKH[fDUSH11HH|$sH|$HE HtsHHHHt#1HoHq'HtHH[]fH
)nA,wt.tH1HH[]H
mA't.1tAUATHUS1IH1HHLd$sH<$P1LxH&H|$<% H" 9thH|$&% H" 9tRHB+HH*HHuH
3mADs. tH1[]A\A]@Ht$LH[]A\A]USHHH?/uYHCHXHt<H;H=G^KHHtH;HKXuBH5GHX=1HH[]@H
qlAb.1EsHH[]H[HtH;zo\HHi1ffffff.AUATIUSIHH?HIEHhH1H}\9H}\uHxLuH
kA.DfrDH[]A\A]H
YkAb./rH1[]A\A]fL8HtL`H[]A\A]fImHUSHH~HH[]ff.USHHH?uaHCHXHt@HH;H=G*IHHtH;HVuFH5\GH$;1
HH[]H
9jA.1
qHH[]H[H
tH;v7ZHHe1SHH1HtHZ[fff.USHH~H#H[]ff.AUATUSHHH?HCL`M1E1HuLTtSH}'I<$Y9I<$YHuMu5YHItVHu
LTuH5vGLE1+YHL[]A\A]DH

hAb.oE1HL[]A\A]fDLcI*AUATUSHHH?HCL`MI1E1!DHuLStSH}/"I<$X9I<$XHuMuXHItVHuLySuH5GLE1X
HL[]A\A]DH
gA.onE1HL[]A\A]fDLcI &USHHHH<H;Ht
H[]fDH8H{HH[]FfDSHHHtHH[[fAUATIUSIHH-GHaEHHtL~HHSuBHHW7H
fA6A.Vm1H[]A\A]fLh~H{HlotI}H6I]USHHHHt*HpHHtJH;BaH+H[]H
eA@.lH1[]fDH
eAEA.lH1[]S?u*H_HHs
tHyH@LHHS([fH
eA.l1[ff.AWAVMAUATAUSH(LLt`HI(M}iHH"=E111LHH(AUH
dHv ~yLt$L11M1H A_H
d;cHHCAdH
odA\HHQ .Hq H
HHH=(GBHH/H=GsBHIHECHxEhgHIFHD$}BHT$HIVHT$lbHT$HBIFHPHH5}GHHHIFHH@gA11DDHHIFH
4$LHlI|$AHNt\H(H[]A\A]A^A_fMH@LpMfDH
bAD~.1mi1fDH
bAA.?i1H5GH 3H1fVf.H@LpMo}0H
DbAI.1hH
bAiff.hHIk@H
aAA.oh1:1fAWAVAUATUSHHLvI~ InHtHGH}AHXv=}t7H
`aA,.g1HH[]A\A]A^A_DHuH={G<HHH8=H7 HI)$HIHE111ELHC uoLE1H5`L
1HdOH
`A%.gHH1[]A\A]A^A_fD1L HuL
IFIv EAV(MHHH8$ KELk(L Hc1ID
HHHH9IH5_aHi
HIHs L{(LH4$ Hc1IDHHHH9HrzIwqH4$E}I}LAEFAEFAEPIGH9vI|D)rh~!L|$<ALLLL[L[BfDH
^A5.e1H
^A<.Oe1\H
^ABA.e1,H
i^AKf.E1dLIFH54^kHc8
HItmIFLLc0H@H$
LcKI9r
1LIHtQH
]At.vdAVH
]TAnH
]AH5]LHLLTDT$#
HID\$LTHLtjLHT$<GH)H$LI4LT$(LL$ D\$HDHHTD\$LL$ LT$(uBH]LL
H
\AA.cHLHTELLLLLLLLD\$tHHTEE)LLLLcE1111L
LFHTLLELL$$AAAQA2QA2A!AQA2Q!AIHI9AIQslAEtAAAAEH[LL
Hs(H{ H[x
Lk
L{(LIAI}HIEDHLILLH)AH)HHAAAEDTAThALLLLnIFLLhd\DTfATUSHHHt(H?usHCHH[]H=}G9HHCtsHh
H;HEHCH@@$
HHCH
ZAl.`1rH
QZA%A.`1BUSHHtQuHst0]H[]H
YA.O`H1[]fDHwt]fu*Ht
HGHHHtHGH@HDt1HtHWHtuH@HofHGPff.HGHff.SHH?

uHCHt+H@([H
XAl.?_1[1[AUATE1US1HILCtGLH9}CLHHp8HHtMu%HHItHu8LCuLE1bDHL[]A\A]@USHHHHtHH{@I
HfsHC@H{8ISHk8H[]fffff.H'HgAWAVAUATIUSHHH?r
.L{MIGDlE1H$AI(GA9I(D1GHx8HuLG9}5fDLGHHIHLUG9|H}8uL$1t{H<$,G9dH<$)GuLpHLuLHuD$+D$
D$H[]A\A]A^A_LHED$jH
\VAl.\D$HtHG@HHtHG8HHtHGHMtHG
Ifffff.HG(ff.AUATUSHH(HGLgHHDHDH8

HB, H1H4HH{PHH|$E1I~ AH{HlGHt$; H|$HtHHcLH|$H5UE
L1H([]A\A]11HI[PHAH4bLo2#DLLC@Ht$1HLZ! gH|$H{PAfDH
YT.nZH|$-Hl$1LH$ H|$H5TP
H|$H5Sj
HHHD$HHL;$ H|$IA 5LH{(T$Ht$\D1H
jS.AAgYH|$8fDAWAVIAUATUS1HH|$IHD$@HD$HD$4HD$
HD$8HD$L@C9L>CIHH"I|$@IT$LH^I|$Pt7I|$@HGHt)HHt1LOLoM|$PMyHT$ Ht$HG?HLE1| f.HA1|
HD[]A\A]A^A_fH
QA"./XHE11=| H
QAA.E1WfHDHTHHt$H@H@L8ntDD$8HL$3LwAL2LTLDfDHD$AH@H@@fI|$@6 H5PHcV"
HIYIL$@HT$HH1M H
zPA\.VH5YP]L
H
9PAo.VcfH
PA}.oV;f.I|$@5 H5OHcIH|$8=
HDD$4HL$HHTLHD(Ed LL$(I|$(T$8LXHoLz wI|$(T$@L~XHF1y H
>OAXA.UhH
OAKA.vUH5NOL-
ATUSH H@HD$HGHH8

H6% HHHkHHLC@HsP1H HjH []A\H{@HGHt,HHt HH{HDqGHt$
Ht$HtHcHH|$H5MA
E\HC(HHcHp DH
MA.THD$VHHHCHHT$H
bMAA.SfDH
1MAo.SDH
MA}._SsH
LA.4SUKDATUSHH?q
H[HtTHCHulE11DHLMH{<9}%H{<H*HtMuIE1L[]A\LE1 L[]A\D1@t;
H{F<9}2H{G<u;;1@H{
;9} H{ ;8u;HCH8L
t ;1f.H{(;9}4H{(;HP:u8;w;@gDH
JAl.E1QoAVAUIATUHSHPYHHXH3
HH.HIUHULHLlHTHL&
MtiA$;T$CIt$LE1f0A6L`t HHP[]A\A]A^fE1fH H}@1Izt HIHv_ `E1MLqx ;H}@LePHGHt,HHt
HHE(DD$LLHcHpq_ AJH
H.13OfDH
HA0x.OE1f.H
qHAo.N}DH
AHA}.NMAH

HAh,A'H
GGH
GAr.7NfUSHH1HHtHDK~2HL$HA!H|$H5mG_
H[]AVAUAATIUS~NGBHHt*HcHtJHHAu2H%B[1]A\A]A^f.J1HHAtD#
HHDHJI<$Ht9H1uHJ[1]A\A]A^f.[]A\A]A^fK6HHI$tffff.ATUHSA]
H HtDH[]A\[]A\fffff.SH
Hj HtHu1[
Hf HtH_t
H6 HtH/t)~
H Ht!)Hh-F
H Ht!-H0
Hf HtH
H5 HtH^,H4%H@%HyHaH(%[@AWAVIAUATHUSIHXHtHHT DD$_II?
FIoHHreGHHD$(!HIIH\$HbHLl$ LH+
Ml$@I\$8IHIDHIDPADA1I|HtM|I|$L15HHD$HHD$BfH}U3H|$11HGH|$H
LAA9tH}39|H}39\$D$%D$u(I|D(DRDt]D$I|$@1+m HID$PHEV I|$PE1Mq H}(HL-
qHXL[]A\A]A^A_}A$eEYDH
AAl.E1GHcGHD$(Ht$(LE1rH=dGlHIGHX[
I?HIGH@@7
IoII|$@HGH=HH-1L7H
@Ao.F#Ht$LAmH
S@Af.FHt$(LE1YfI|$HLD$ It$P1L H}(H/HHHE(CHHoHLDH}H*HCCH|$ Ht$H8 1|$H
H HIPH
e?Af.EfDH|HHDH]H5`GH|$H.LE1HD$0HH/A9OH|$0DB/I9HHD$8LD$8ID$IPH8H2
uw3
LD$8HLcH&AH3LD$@LQ@AH|$0%fH
>Af.E1lD-HID$_pHt$HLH5^GH|$HA-E69H
=Al.CH
k=A}.CH
E=Arl.CA%H
=AH^GE1HD$(AWAVAAUATIUSIHH
IH@HL9uoHL'L =
1uAfM9tLH[]A\A]A^A_1@fH311HIMEH
'<A)Ak.1SBLLuvtHeDgHIfD11qL1EH, H
;A@k.AATUASHHHZH
t-H
^;Akm.A1H[]A\1HH1HtDHHHDDH[]A\DAWAVAAUATIUSIHHHy
HHLE1HHt&DHLAHu(HHD[]A\A]A^A_fL9tHcHIMLufDH
9:Av.E1d@fLHt
H8BH
9ARc.E1%@UHLA0AWAVIAUATMUSIHHEH{H3
H1LLH~]HHHHtJDHL,HAuL9t&H+HI`MLu fDE1HD[]A\A]A^A_H
8Ay.E1?fHHt
H88H
8ARc.E1>HvAWAVEAUATIUSHHHH<HtHT$
LD$xA>H<$E11Lt$0HHH(7H>(E111LHH|$0tAH(9|H'A9H'9^A HDHDAuD14H'HI[xL_-H|'9|MoL=EALl$
H|$EAtH\$H<DT(HXHI E1fLLH
HIH9uH|$ I9tH9\$tHH5RGH|$;&H5VGH|$*&HHD[]A\A]A^A_H

Q6A0.1}<EHD$ E1AE1HDHDEMHL1].Ht$H<$DAH%9VHL$81L"H|$8`HHD$
rEAQH<HDT(HIDT$(I1E1M_L;l$ T@L0LHeHInI9ud3H
D=DD@H<$15EIAHD$H|$DHAD$HD$ 1Au=E1E%DH$LHAHv$A9|EA1H
14A!.1]:EHD$ E1AHDHD1E1LP0Ht
H8~H
3ARc.E19!SHH
t3Ad.9HcxH53H1WHE1HD$ AE1E1f.H<$A HD$HD$8E1HD$(GfDH52HAHt$HH(Hs
HAOH"A9DH"IHHHT$(E111LHL$HT$8HHt$
$\H
-2A.AX8HE11EHD$ AH
1AA.E181E1rEHD$ A1HD$ [Hm11HIMH
a1AjA.E17PH<HD?H<LDT(HIDT$(Ll$ H|DLD1ADWDT(DHLD$)_H\$D$*H
0Am.D<$E16D$x1E1HH<$LHIDHL^EAHt$LjtLLE1M[HIH
0AZA.E126QH
/Ax.L 6MLE1LMff.USEAE1HHHH1H~HHH[]XH[]fAWAVIAUATIUSHH8H|HIDtHCH@@0D$L1AD$L
9fLHHD9AMtkLHxLD$$ LHH|$H1HD$DL$oA2@L LHUH|$H1HD$:T$~TuDL9MuEutuLH
-Ar.3E1H(MHD$ D$H|$ 9DdtH|$ LHHD$(@uLLHqHT$(H|$H1HSE1AH8D[]A\A]A^A_D$tfD;4AH
,Ae}r.2E1HH|$ 1LHHDHTH|$H<1HD$T$SH
N,Apr.DL$w2DL$ffff.AWAVIAUATIUS1H(HtHTLD$MIf.L9LHHHT$LH2AHTHtHHL11H|AH(D[]A\A]A
^A_@LnHHu6HTHtH,HLq1A1HEH2L
9|H
*Aq.E11bH
*Apq.0,f.AWAVIAUATIUS1HHT$ILm9}aLoHHuHT$LHHLt1A1HE~H[]A\A]A^A_@H
)A.0H1[]A\A]A^A_fDAWAVIAUATMUSIHHEHkH#
HHC1AMH@P0umMuhHuMAtrHHHHt\DHLHAufL9t=HHI8MLu fDMtLLHuE1HD[]A\A]A^A_@H
(Ap.E1.fHxHt
H8H
j(ARc.E1.HuAVAUIATUHSHIAHHLDHjV11HyHHnAtGMAu`f.I9tHHHHHu[D]A\A]A^@H
'Ag.-MuH[D]A\A]A^fDH
Q'E1Ah.|-
[D]A\A]A^ATUISHHttH[]A\f.1LHuH1HATIUStbHj}HHt@@t<tH[]A\@1LHYuH1Kf1Hf@KHfDAWAVAUAT
USHHIIIIDHHt]LLLH<tH@@tJPtHH[]A\A]A^A_1LHuHD1@1H@H
%A~z.1+AWAVIAUATIUSHHEHHIH
AHt1EHLLH1HFLHkt?H9|A@APuI1DLLu5(H
$AA.*LE1\HL[]A\A]A^A_f.
LH;1LFcH
B$Ac.p*fffff.AWAAVAUATIUSD@HHHIH11IA1FHHt
HHu%1H1dHH[]A\A]A^A_f1LALHHItuL}HItHx0MHItLLGusL{fH
!#A.1M)dH
"Ac.)%f.1LHvHLL(AVAUIATUHSHAHI1'HDHLHHt3Hh9|A@t~APtU[L]A\A]A^fH
"A.w.?(LE1[L]A\A]A^1DLLt[L]A\A]A^1LAPtH
!A=Aw.'@H
q!HAA.'1H@H
A!HAGh.k'1HHiOGH0)Ht
HH=aDTH=]aDHHUSH5o!H0H HHtIH(HEHt HtHH[]f.H5!!H1Z H
!AAg)_&ffff.Hfff.ffff.HGff.Ht+SHHH@HtHH5
8[@fffff.HH@
HtAUSIcHAH~%H\$Hc~DHToMD$fEH[]ffff.HH@(HtAUSIcHAH~%H\$Hc~DHToMD$fEH[]ffff.H1HtUS

HHH? H}HH HH1[]DHHtHH fDUSHHHH?H6H9t u%H}HsHt#HtH[]H[]@1HH[]ffffff.Ht AVAUIATUSLwL
xQL%L
HxHL H}L LH uLy I}H5v [LH5a]A\A]A^h Ht+Ht&H(HH4HHDI
H(@1ffff.HHtH@Hf1fff.AUATIUSHHLfHHHLuH[]A\A]I}H HHtLH\H}H5i?w H}H5T@b H5CHAN
H[]A\A]HAUATIUSHHH8HHHLl$tMHt$Ll$~D$HTDL)D$ HtH@H8[]A\A]f}Eu}NtDH{H7LLdHD
Hu1fDH0^ H8[]A\A]D}Vu}uL^ HuD1ffff.1HtHtSH5HH=F HHC[fHtKHGHtBS1HH H{H59HA H{H5 H{[
fffff.AVAUIATUIS
HH5uI HHLhH5EHcH} HHtEHLHI~HCHLc HuI~
H[]A\A]A^LH;H5 H5H1 H[]A\A]A^fLfD111Ht"HrHGHGHH
HGD1Ht"HGGHGHHHGD1@HxHGP@0HHHH5Y Hffffff.USH5HjH HHt
HUtHH[]DH5Hm1 AWAVL5AUATIUSIHDLL5
HHHaHHH|H5lStH|+H5>uL"L|LLM HH8t\LHH
H5H4HLH HCHH[]A\A]A^A_*fDLLH
H5TLH@
H
iAAkgL1
IE}AWAVAUATIUSHH8Ht$ HT$(I1MHpLHcHIU1xlHB@# CHsHJuR<r
INHcKHIUyHsIVHcKHIUoIFH\$(HcH54(H; IFH5LH
H8[]A\A]A^A_@u$Hs{D{A{A(1EEAHfBuAfBHDEEyD9$H
eAZfecLH81[]A\A]A^A_f.HHcJH<z@uR8tN LSt5Cx
Hzu(HIV2IUHyHLL8tDKHHHc9Hzu>8H{u.C8u>HIV2IUHyHH8uCH{@HNfD<b <t D}<nu
nfA:u
y:D9E`HHt$ LHLhHLHIHE<HHTH+\$I6HT$HHHLHT$HHT$Hc
H)tIvHuH\$E<$IUMDD[Hs}EEOCHfbD[HsEE=)DyHQMEE+AIfA@u@AfA@tIE<EyALHL$D\$D\$HL$HLd
$@DHHt$ HALHLHDHL$HIeCH9H
AnheH
AstewH
AwAeQCH)IA9IDLHLD\$HDHLHD\$HtHH1ffff.HOHHHtLGH50H1{@H5'H1{Ht+SHH5H
[1ffff.AWAVAUATUSHHHGH|HT8HDhHDpHD$02HHD$H5EH=
HIHD$h{H|$H
AAyH$E1E1E1HD$ H|$$H|$hH5 @IHLLLQH5L] H|$pt
H|$p+
HD$8HtHL$ HHL$ HH1>H5~1H3H\$H{H;|$0t
CHC1Mt>IH5 IH5 H5L H[]A\A]A^A_fH
AAyE1E1HD$ H$AH
[RfHt$hH|$qHIHD$pE1E1HD$ E1D$(HD$HD$xL|$@HDHD(H|$HcHQHD$Hcl$(HhE*fDHt$LHIHLHH$HD
H|$puLHIuH|$H|$hH5= LhfDH5LE1 LiHINHcT
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D~ZHLHcD(E1LAITHxMHL$HIA |$(tBx
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A= HD$xA9=LHHxDEtHJI9w3Bx+DEt$IQxDEt HH9uHT$HH|$LAL(
LtxHH$1HHLq$%=@H|pHtLYHILl$xM9M\HLAH
AyE1f.PxHDMt
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t1ExADuqH@yqHfDDHEurf8HD$E8Hh"H5L%H|$xIL9tH5 p

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bAyIcHhHD@HD$EyIQAIHhEx!IDE u"ftBEzIEyMMIEzExIDEtIEzIMMIoH|$LHAH
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HH=BDTH=@DHH@0@RQfUSHHHH~GHtHPHkH[];H~GfH=~GHHHtHPHtH@fH
qAAoHD$*HD$HtH`Dfffff.HtH`
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HAiq{1H@HtH`(DH
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A9d1uATUHSH1IHt'HHLHHH;H[]A\H
QAJg1
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HD$H(H[]A\A]A^A_f.H
A)CpH1[]A\A]A^A_fDH
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ffff.AUATIUSHIH8HD$?HtJHl$HHJHL$LLHG@1tHD$H8[]A\A]f.HL$LL1f.HtH`0DH
HAXii1H@USHHH(HHHHH([]USHH1HmHt(HHHH H[]H
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M(HOHoAWAVAUATUSHHXHH|$2H1>HH|$HhI1MH1LHD$HH\$
HDHDCHD$(9LHXHH.HH$Hl)E1Lc7f.H=tGDQHxLHIAH=dtGA9|H|$trH|$H|$ L9OHX[]A\A]A^A_
tH|$H51HfDH4$H|$HKHI2111LlHIH5HjHHD$0H5LiH=qsGHD$8H50X HIH5L(H~
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AuDH
UH5VMH1(ApAnH5dL_ E1H
KAAziE1ZUSH-HH=ioG$H=[oG~YHHtHHPHtHHh H{H H{H HH
HnGH[]fATUSUH=nGxeL%aH=nGrH=nGHH}%bH}L$ LH uH=`nGuH=PnGH@nG[]A\H}t8H=*nGkH}aH}L LH
tH=mGH@ ffffff.AUATIUSIHHH=mGt{H5D0 HHH5"HLy
HHCLcHkH=RmGHt6H[]A\A]fDSHH!mG1Hk@H{H5D$ H5H D$DH
qAAz1oH5AH< 1LDHHfHGff.HGff.HG ff.Hw ff.Hfff.HGff.Hwff.HG(ff.Hw(ff.USH=KH/ Ht!HH5V[]HOw
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H5)HcHQ HHt*DL
LHHHH1dHH[]DAVAUIATU1SIHxHHMMt\1LH'31Au{MtMHAE[]A\A]A^HLHRfDHIu1H5:L5
1E1f%rrHcfffff.AWAVAUATUSHH1HAAIM6DHeH9Hu]11LA~|HHEt+@t HDDh tH+@uHD
HD;t;HHuEuQH)HLHAH[]A\A]A^A_@H[H[]A\A]A^A_@HtHtH@HDB uHHtpfDH
A swH1[]A\A]A^A_fH(HHD$)$t
HD$H@HD$2] H(hGuFHATUStMHHoLgxCLHH[JhG]A\fDf.11A2@hGAWAVAUATUSHH=hGL-E1E1H-
gG1LLH}e H}tB1@HEI3ILHJ< 8 HE4LJ| " H;]rH}6LII L;5dgGvH=_gGH58
HCgGH0gGH[]A\A]A^A_fH=gGtAWAVIAUATUSH8Ht$LHHHIHD$wcMH
{AJw{iH5H1H=fGtd1H8[]A\A]A^A_H|$H=^fGHct4H<[H5PH+ HH1fGtHHfGHD$(HD$
H-tHT$(t$ H|LH|$HpHHH$rBH{cHIq
HI$H<$CHcgHHH\$Hw HID$HI\$1fH<$HLh.HIL$ILIrHPHHLEvLp
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I?IGbHYHH9\uHD HD$(HD$ H9dGv5HdGH
iAHx{WH<$tHH
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*H5Y1n H
A\v{fDH dGHHHHHHH@H
ffffff.1HtiAVAUL-cGATUSHcGMt2II1@HHL9t#H;LuI.[]A\A]A^[1]A\A]A^Dfffff.HHHHHFHff.HH5"H=JFHHt
HH='DH='DHbGt@AWAVH=fAUATUSHbGHIE1A
<~$AMA}01EfD0A9v4IHIAm|4ul4<$~zA$L5nF<:fDIA$<:uAD$<~D$MlA}0A
DE1H$0A9v1L$$IIAm3u3uOLH |$~
EfAFH
A^AH[]A\A]A^A_fD3hy3hlL6HA$IFfDL59FLa6HtfA}3xtQIA5fL5FL!6HHHH!HHnHH!\IAAE!fA!FfDA}2xtIA
_IAPff.HHt$(HT$0HL$8LD$@LL$Ht7)D$P)L$`)T$p)$)$)$)$)HHHTHDHD$
DD0HD$HGGH8Hffffff.1ffff.HH=H1+AUATIUSHHHuI$1H[]A\A]HHH5<@$Hc
HIteHH]nxw|=uD|=Pu8|=u0H5L; H[]A\A]f.M,$iH
NA&A|2H
+A,l|2ffffff.AWAVIAUATMUSIMH(T$[HHHD$HD$}@HHl$LHAY)Ht$HcHHLHD$OHt$HcHHLHD$#AjHT$
HtHHTHc ~wH|$H5q LHHD$t$H!t=H(H[]A\A]A^A_H
ASs2gH|$H5| H1pfDAbH
[v2DH
9AJA2Mf.AVAUATUSHH+IHII11HHu^Ht$1H\$MH5HHV H

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S H{(HH5[5 Dfffff.AUATUSH(HHD$HHHce
HHLcHHL+HItsH%nHLHH|$LHH51HD$ D$xt[HHt$H8VtffH([]A\A]H
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AA2lSH5X^ HHtHHt4H[H
!AaA2DH5Hk1J Ht+SH5FHH?HH5s[fffff.ATIUH5SH;@ H1H(H1xHHHC1L.AH{H|1HtyH
bI,H}tH{H
2Am{1kH{BH5HE []A\AH
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y1A>Az2[]A\fDH{kfSHH=0 HQHH[HDHvfDATUISH5H0H HHH5L,a
HHHtHHDLcf~:H|$HcLH|$H5X Hk(HH[]A\@H
aq}2AQH|$H5;X H1HH[]A\H
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%HI)DID)H[]A\A]A^A_fA*H
kp2A:H
Agp2wA3DAVHBAUATUSHH=IIH&HHI<$H|$lH*AcH
Hh H+H|$A^
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ALhn21H1HH[]A\A]A^ArH
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wAkm2H5V1J H
<Agm2RH
AAm2/ffff.AUATIUSHHHD$rHkMI<$HH/H|$E1I$HGHD$HSHD$oH|$oBHO*@C/HL$G
C.G!HC(H(G"C,G#HC(HG$HC(HG%HC(HG&HC(G'HC8HG(HC8G)HS8HHt$HH[]A\A]HkPHk8H/HsH|f.H5H
HIHDt,IHHs0H4HK8HHL$^H
LAAk2bfH5)L 4H
Ajk2E1fff.AVLrAUAATUISIHHHHfI9HIH/HuDH
HHuMIHIHHfL9HuZDHH
MIHIHHfHL91HI)[HIuMtI<$t1[H]A\A]A^fH
fDHHtMf.MtI<$uI,$fDA#H
Kio2gofA*Lx PAH
io23f.AWAVAUATIUSH(HHD$
HID$HWH1HD$Ll$DL|$LIGHD$LHuthAGHAHLS9|Hw>IHEL$HHTUHDPuI.H([]A\A]A^A_DT$tI>H5rD$
ID$H([]A\A]A^A_f1+L1Ht$HHL9HUH([]A\A]A^A_1ht)H5<HcM_ HIt;D$tH
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ANAl2AUATIUSHIHHHlHHHHD$Ht@H$HLHPHT$HcHHtL#H<$HH[]A\A]1@USHH8HtHDDD$t.H\$H
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~HcHfHH@HH@HH@HH@HhH@H<H@AWAVAUATDjUSHHAH8HHW HwHH
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H5IDH1L1H
H5DH1A-1DE HMDHH
H5DH10L}(HILH:1IS H
LLD$HHHLHHi\&H)HHIH1H~LLD$LHHLL$HIEL1LL$HHiA)H @=LL$LLLH
H51DH0LE8M@H5|iH1/H
H5DH1/H$h
H5HH1/H
NH5DH1/HMHDEPDH.H8[]A\A]A^A_AH
H5DH19/HMDEDH
H8[]A\A]A^A_fH
H5*H1.H
H5S1DH.EzH5QH1.p@HM0DHd
MAU@H5{H.@LH@AWAVMAUATAUSHHHHL$,~\AE1 AE9tKDHLHDHHD9~HT$H5U1HA-
E9uH[]A\A]A^A_HtsSHHH5) H{0H5*m H{HH5+X H{H5,C HH5-[. fDfDH5Hhf Ht@XHH
QAAd2HDHDff.H5yFD@uG`fH
HA8gh21H@G`wwXH
HALff2C1Hfff.ATUISHHuH
u7H{H5LW LcHk C`[]A\fH
ASde2[1]A\ATUISHHuH ugH{H5eR MHCHC C`tfHtaHkHLjK
HHCtQHk []A\H
iAads2[1]A\[]A\fDH
)AmAs21ff.Hw(G`@tXu G`fG@f.H
HAeg2[1H@G`fW@f.ATUISHH0H5[H} Lc0Hk8C`[]A\f.ATUHSHH0H5I} HHC0HC8C`t:Mt5HLHI
HHC0t%Lc8[]A\[]A\fDH
AAr2G1ATUISHHHH5kH| LcHHkPC`[]A\f.ATUHSHHHH5+I| HHCHHCPC`t:Mt5HLHH
HHCHt%LcP[]A\[]A\fDH
AAt2W1ffff.GXfff.HGHHG @HG(ff.1u@tWAtEHG0HHG8@HGHHHGP@SHt1H{Ht
1H{P[fffff.1t7u#Ht,HHfD1HDfffff.G\fff.w\G`t!tt1fvfDG`fff.AUATUSH(HDHDtG`H(1[]A\A]f.HHW
HwHH}iHItaHItL<H|$HtRH|$D$gH|$]LD$H([]A\A]fDC`H(1[]A\A]@Ht$LkuHt-
HuLHu1LtJC`1gH}Ht~H|$H>Ht$L(HLEC`HtkAVAUIATUHSA~C1AA!D9tEHHtLHy[]A\A]A^[]A\A]A^f.[D]A\
A]A^H5!HPy Ht H@H
AA~2HDrHDHHt{SHH?H{H5&
x H{H5'w H{(H5(w H{8H5m)w HH5Y*[w fDfffff.AWAVAUATIUSHIH(HHDHDy_umM1H|$H59w H|$H5#w
H+1H([]A\A]A^A_f.HqyE1HXAMHHHWH^H&MZL1AxZLZHjAELL$PHHUAtWLDL$IHMHHwLHfHHZSfHt
$HcHc`8HDfHt$H3LcEMf11H4I}(H5u HD$I}8H5Mu0IE(t HD$Im@IE8ZHD$CL$h`EWAUATIUSIHH_HD$HH
Ht$L1A~ZD~H|$HL$E1IIcH't4I|$H9H5t I\$ID$ 1H5Hs H|$H5ws H[]A\A]H5Q 1s HH-
f.1SHHDHH[AUATIUSHHHH1HLcHD$MtH{w"H5 ;s HIHt$L"A|H|HLE1IIcL'&tsH{I9tH5Kr LcHC H5.1r
H|$H5tr H;H+H[]A\A]fH5L<r H|$H5&r H~H1[]A\A]HwHAWAVAUATUSHHHHH}CX|HS H;UHuH{AHEHH9C(
HIt#LuX{11HMLL8@H}yDH
Ahj2E1<HD[]A\A]A^A_f.H
Aqr2E1f.H

Als2E1f.H
QAut2^SXuH}LttTLLDD$HC(HD$
H8L$HH0L$HH(L$HH L$ HHL$
HHLHHL{CXL}(Hm0M_HLHL@lDHHD$2,HLLHC8LLHD$HT$HS8HufHSPHsHLAH
Ak2$HU HuLL}8Hm@Hs0Lnugff.H5H=:
HHH
02HE1%Hff.ATUIS1HHu)3HFHuH9|H[]A\DH1>HI$[]A\fffff.ATUIS1HHu)3HHuH9|H[]A\DH1HI$[]A\1wHbHcx
S E[DS E[?f.HFwHHcHfHHHHHHHAWAVIAUATUSH(HA0A@HHHI8Ld$L5LDHAHIhIc<L1AHI H1
AHI1HfDAHIHD1AHI Hf1H AHfD1
LH1LDT6HtD%Mt1A7AWA_AwAGAAWAOH([]A\A]A^A_LrLd$LH|$
fDIUMLHL11LTDL;ttD$uH|$iFIPAHIHyAWAVAUATIUSHHZHXEAH|$
HT$(E@HUHLd$HIHHD$L4DDA7AWLII11HL$HDLLHAMAEAEAED$LAEAUAUM9AUuAHD$(H|$H|$
HH\HLl$ HIHH=HcH@HwHLd$HAHH\$8H\$
LdHlHD$0HIHD$D@E4Al1Ht$H|$IIDtHlLLHDLD11EAMA]AUAEA]AMAUL9l$AEuHD$8H|$0AH|$
H|$(Hl$HH\HH|$
1HHD$HGH|$HDLDTHD\$LE1Lt$E1IHwaHHcHDDIADIFA^LpDXDIVAFDHBJDLpxEVHX[]A\A]A^A_DA
EIAEIU LjR A1AUIEHp@ FLn AU
1H|HHLHDDLDHAA^AFD$LAVAFA^AVAFHX[]A\A]A^A_fITEAHt$V1f1PfL10fDL1fDL1fDL{LL~AW
AVIAUATMUSIHH8HL$$HDxLDLlpHD(1HHD$AUAMHt$H|T,HTL(L];L$(T$,AUAEAuAMAEAuA
UAuA/1AUA,HH9t)HcA/L>1A,HH9KHD$xH8[]A\A]A^A_HtHD$(1HD$AUAMHt$H|T,HTL(L:T$(L$,AM
AEAuAUAEAuAMAuA2/A,HAUH9KHcA4/L@21A4,H@1H9KDAWAVAUATUSHx@LD$LL$$ARIHIDAH
$D@M9DH-LL|$
EDt$(AI|$@H|$`MAHcH|$0HHT$8DAE))|$HH|XTDH|fDHHTHtH|$L)|$
DtXDl\8|$J;^HWJcHfDIA4$It$A|$LfnItALLf@~I|AtHwwLfVD$(M
@DThtid$aDDd$eDgTkT$@@t$bEDDjALllmDt`DLcDld@tfDnLoHt8H|$0
GtHTaD$`|$DAAD D$`D$bAAD TaTcAAD DbDdAAD TcTeAAD DdDfAAD TeTgAAD DfDh
DgDt`Dl$dL;|$ DEH$DHDDWAGgDOWGHx[]A\A]A^A_@M9rDDt$
DEAI|$@H|$`HcH|$0HHT$(DAMA))|$LH|$XT$HH|$HHTM)Ht$H|$LlXDl\5|$HJcHf1qHy wHO HQI
zHJQLQ ARIJ HYI 3t$\L3T$XM|$JctHDLLLH1UfDL}1EfH1<fD118I112@1131D[HKAD DYHYAA KHSA
JHZDCHsAD DFHVAA HZRA D$ L
@AdaDdeTbDgDDdiADjD@l$`DL$cD$kDDl$ddmTfD$nDDD$hD\$lDoD@Ht$(H|$0
D\$DDD$8#t$LTaD`|$HDD$8D\$DAAD D$`D$bAAD T$aT$cAAD D$bD$dAAD T$cT$eAAD D$dD$fAAD
TeTgAAD DfDh
Dgl`Dl$dD3D$XD3\$\M|$wuHJcH@DIA$DITALDLbbIT$E\$DLbJDILATDHQaLbDBMM9DADLLLLH
1HfDE1JHE1BDE11>fDHE11;HE1E1:fQHSHH11@E1E1DDEDEAPDAA@DED]DHD$8HHD$`fDHD$(HHD$`
%AWAVIAUATIUSHLMH(AT$`H$HL$E1HHL$unH4$H|$DCD
T$sCCD$Cc@sCC71CT5IL9t*HcC7H>1CT5II9dA$H([]A\A]A^A_HtH|$E1H|$uoH4$H|DCDDcSST$Ss@sS
C27CD5IL9eHcC47H@22Ct5I@2I9d7AWBAVAUATUSHx?LDhHDzAAHID$4T$0E!McEqDHLL$(HD$8HD
`HD$
DEEAfM9Ht$H|$XM)DTLDDt$XD|$\LALD$DT$eH
~DHcHfH@uHu@}HnvHuUHnVHU@uHjbEHl$M9Dd$LL$@EDDE!EqAADAEaAIAADAADAAHx[]A\A]A^
A_f.L9rHDXDdDT$(MLL$@HD$ IEIHDHcD4HD$HHD`HD$8DEAfDDHtH|$ M)D|$\LD$XYAH
LDHcH@ELL$(E1SHs VH^ sHC pHXACH{D GH_ s|$(H\$ 7@NfnD$D|$fnd$D$fnLTfnlfbL0fbfl)D$`HL$8H
HL$`L$`D|$dL$3D$X3T$\LAH=^DHc4Hf.H1fD1fH1fD1E1fDH11@111SHs VH^ sHC pHXCH{ GH_ s3T$\L
Iu3D$XHAwfLEKc<L@H@}AH}ADMHowH}UAHoADOAH}ADMHogEHA
QA@gDt0fnLTfnTDtfnD$D|$fn\$fbfbfl)D$`HD$
HHD$`Dt$`D|$d@H1fD11H11@111fH1|fDHHHHbH`HiCHCHrEADD|$A!AAuDAD$@HLHDT0DD$4|aD)H
L$8DDAD EX@|$`McB|aF\`DAD EX@|$aMcB|aF\`DAD EX@|$bMcB|aF\`DAD EX@|$cMcB|aF\`DAD

EX@|$dMcB|aF\`DAD EX@|$eMcB|aF\`DAD @|$fAxHcD\<a|<`ADD @tgHT8|$0D|$4Ta)HL$
1 AwT$`HcT4at4` AwT$aHcT4at4` AwT$bHcT4at4` AwT$cHcT4at4` AwT$dHcT4at4` AwT$eHcT4at4`
AwT$fHcT4aT4`
D$g}GDAWAVAUATADUASD~lE1D^`DfXAndDv|D1AD|$AD1D~TAD\$D^HA1Dd$DnpED|$^tD1AD\$AA1
AAl$E1A3333E1BDNxDD111AA1AE1AUUUUE1EA1DFhDV\D$FPDT$DVLADDTn@F8DfDD~<D^0DV4l
DF n(Dd$D|$Df,D~$D\$DTD^DVDFlDdD|$D\$DTDfD^nDD>DV DHFD11AAAAF3A?F3AA
?A?F3DL$D3D3?D3
??D3D3D1E13?t$3
??3D33D?3DA
A??3B31A1
??33?3t$A1DD3D?D3DA
A??D3F3DL$D1E1
??33?3t$\$Dl$1D3D?3D
?3AA?B311AA
A??B3AAB3?3AE1DD$D3?D3
??D3T$D3D1E1
??33?3D13D?34DA
A??3B3DD$A1A1ADD
??3D3AA?B1DD13D?3DA
A?DD$?\$3B3A11ADEA
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D$LD1EA\$A\$ADATA\$ALATL;dADuHD$0H|$(AH|$H|$
H\$8HHlHHD$H4$H|$H1HD@D(DD$LDDDlH{D3|$HD3t$LHI,DD$nH
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A1pHPHzR WHG @

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f.A.E~IHTHLIHt$H|$(l$XD|$\D$XDD$\1E1EAEA]AEDEEAUAEDAAEL;l$
EEvAHl$@HD$0LdHLd8H$HHlHA$ED$H|$XHLHTHHtDXD$(DD$\DD$ MD3t$XD3|$\HMT-DD$
D$(kH
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VLv AN
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HI9*AF\ED@@?+ADEE< D^B|L@@B|AAAA@AEE< +D^B|L@y^@AABluWE3E(A@D A@@A fA @CDC
HH[]A\A]ABLH1[]A\A]1H|$E1)HHs-
7,1ft@HHD1HqHH)1A9NrkaWMC9/D|1HFAWAVAAUATE1USF.H|$^D^DVD$FDNDFDF
DFD$F(D$F,D$F0D$F4D$F8D$F<D$F@D$FDDFHDFLDFPDFTDFXDF\D$F`D$FdDFhDFlD$FpD
FtDFxD$F|H=WtFD$1AfDDAD1D1A!!ED1AAAA1D11A1ADD
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L$(t$$l$)\$*@t$,\$+|$-\$.H\$/HlHHD E1MLLHHLD$D1IIutHL$HTHtH<L t$$L$(l$)@t$,T$*d$-
T$+T$.T$/A1ATHI9tIA<LcB2|(A|HL9cu
HD$xH8[]A\A]A^A_f.AAvAFANAFAFAvAFAWAVIAUATUSHH8APAHL$AT$$T$,L$ L$(l$)L$+t$-
H@t$*L$.T$/IH|$ M1E1H|$uxHt$H|LLA5T$ t$$LLT(t$)@t$,D$*D$+d$-
D$.D$/A1AHH9tBAHc2T4(AHH9aEuAH8[]A\A]A^A_T$
t$$AUAuAMAUAMAUAMAuAWAVAUATUSHH@LD$ HIAI@DD
EFDAYE)LL$(DIHD$8A\$HD$AFD$$DM~[D$H|$HtDDDl$8D$<L$|$8DT$<HIHbeHcHfLL$(D\$AADE)AA
YAAEiAAAYAAHH[]A\A]A^A_fDDHD @E1uHUD rHj UHE D1Hh@UL] ASIk E#t$Hl
I1#D$ AHwdLcIAfAHADALZADbISA[LZ@rISAsAHrADZHVfLbBIA A@A #t$$\$@D) AAD
\$IfH1fD1fDHDD1fDDI1D1fDI
IEHA DHIHIA DDl$|$(f.DTAt DD)ADA \$JHDhDD$
RIOAWAVAUATIUSHHH8EH$AE@HH7Ld$(L52bf.It-HDNLnxIcLLzLd$(LHD$
fIAmEuH4$LHIA1D1L$(DD$,t$(T$,DAL@s1S@ssc@{@sA1L;|$SuH|$$H8[]A\A]A^A_fDH~H1Ld$(@EuE}1H
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8[]A\A]A^A_E1AE DNLIE1DD DNLD$A1I
fD$DDNLI@D$1AD DNLID$1AID DN@D$1H4$A
LD1EL$(DD$,H?t$(T$,DDD$H@s1S@ssc@{@sA1HSH8[]A\A]A^A_LzLd$(LHD$f.IAmEu1H4LDDLHIl,
Dt$(L$3L$(DD$D3D$,KkDDCScD1SDSDA1L;|$LStH|$
HVAEDNLIAUATUSAEE@DOHE1HHHIjD IHEDDAA-sADELHLHHHH)A)LHLHHHH)A)MtID
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E9M[D]A\A]USHHDHt$Ht1H[]DHH[]HeWWWWWWWWWWWWWGfHe8uIO:u@O:u7O:u.O:u%O:uO:uO8D
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DA D A?A?
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I@1HfDHcHED0;H9t_DD5AAAD~AAD A)HDIc3AD D UAD
0;H9uIH#LHIcILHHtLHH[]A\A]AVAUATUISHHHHHIU@1H#DEAHcD0L=HH9ttEAAAAAD~A@AD
A)D@Ic3AD D6@UAD
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HLHt8A|$$D hHT$@A@LB
MAIIHt$hJ<H\$(LD$LIH|$ LH|$Au3t$LAUHI1Ht$D11L$hD$l+L$hD1KkCCD$l1CcSL9l$SuHTHt@H|$
H|$8H\$(HLDIL|$IMI2H5^JcHf.MGHRLD$8l$
H\$XLDtHDdAH<HT$HLIt=H|$PAHt$(Ht$hHt$0DDuD$1Ht$H|$0HHD1DhD
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HDt$H\$XLDHD$(1Ht$H|$0D\$@LD$
A1LDdh@1Dll6D3tlDlLD$
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A^A_fLl$|fDItAHD$hALl$(HD$0LDAIAIW LzR AwIWLBR APMx Aw
3L$A1Ht$D1|$lH|$h1L$hD3d$hL\$8DE#EACDAACEc3l$lDAAkAACACAkD@{@sKDSDKSCHx[]A\A]A^A_
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P[AWd81H[]A\A]A^A_f.DIH{5HZH5ZL1
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CPH

T(tH
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XHA}|351Hfff.USHHHHF(HpHG(Hx/.t1H[]fHE(HpHC(Hx.uHPQFH9SuHE(Hp@HC(Hx@-
fDAVAUIATUHSHHD$7HHAHpHPFH9EH}(HE(1CHx(HIHt$H(LA<8HELd$8
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VAo3H|$H5VYHA717H1[]A\A]A^fDH
VAjo73DATUISH1H0H\$HL$(HT$Hu
H0[]A\@HL$(HT$ Ht$1R1|$tK1H
VArnE12L0H6H01[]A\f.HcT$H1&HHtHD$
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/SAk/1[ATUISH1H0H\$HL$(HT$H
u
H0[]A\@HL$(HT$ Ht$1.|$tKH
RA>ilE11e/H#L-H01[]A\f.HD$ 1Ht$HPHT$HcHKFH9EIMHcT$H1g#HH1HHID$ t'Ho#HELH0~@H
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QAGhl1].I4H
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@JFH9KHE(HS(t"Hr Hx
&H[]fDHp@Hz@&uHS(HE(DAUATUSHH_(HLf(LnIl$Ht&H.Hu.uyH{x.HkIl$Ht*HM.H8.H{7.L;-
PIFHkAD$CH[]A\A]@H2HHs1H[]A\A]DHt$H<$2-H<$HHHt$HG(H1HH\f.Il$@Ht6Hi-tHX-tH\1HH\H{@G-
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HH{PDHH5HLHE1A<AF9HCPH
+B0tH
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Hk tKHtFAIDH{"&HJH5gJL1D
DCH
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ZOHT$0E1E11HHI11H|$@H5GFHu]H1}HIGHOHH6Lt$@L|$8LLH1E1L H5EHeH
EAqrt"1DHL$ H|$(11 1 H;D$(E1ALJALL$HE1LJA?AH|$HHTJ@HT$8HHHHIH~U E1I
LJ9L(AHH1 HEBHHEHLjH}YuH}HEE1E LIH|$8H|%H|$8Hc%HCjHH
HItMAL1$IIHt$@HHD$@H|$@At1@IE(1Hx qHIHt$@HLAEHt$@H|$0D"HT$0HBHHHBHD$@ H|$
1H^ffHT$0Ht$(E1E11H
HL$(HLl$0MLt$@L|$8Ht$ LLH|$8 =HD$E1LH1E
H|$;H
4BAorBHD$8H88 =t+H
AApt1E1E1AL6GE1ILGHD$8H@8H@Ht$H1HPHT$HHcfHIdHrHII}] HHHH1x%H=E111HLEIuLHLaE1A

L$FHT- E1I
LEH|$@HE!H|$@Hc"HA@HH! HHDIALEL3H5?1E1AL8ETE1ILHD$HE |$ LDHHHD$8Hx(QLHD$ LD$
HHD$HHcT$Ht$H1AHI1HnH|$HHG 4HHqHDHTHH@0@HLe2LH11E1}HIHt$@DHHD$@ H|$ LH1E1U11H
>AhsHD$H
=Ams[fAUATUSHH~HH6H{=H<H5<H1#/H
S=AWd1H[]A\A]H5J<11AHtH5:<11AHtHSH5%<1AHtHSH5
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B tH
,H5[1HI}KXA9DA)D9uH5#HUHR;KXifC,HS`HtH5:1AH&{u)H5Hz1HSH5:1H|SHtt[@sHH[H>H[f.H
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)\C4@H\C@AUATIUSIHHHHH1LHHMt
I<$%I$HEHCHEHC@HEHCHEHCHHE HtBH8H@HWHSPHC`SXHGH}
 H59n^HE
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HL$|$HTHHH|$0HD$PHhAUATIUSHHHHt}H%HHIteI|$tI|$MIt$LdHt/LtI|$LAkx
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H}H
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`xIH}@3H}"H}Hf1HH[]A\A]A^HuH}HMHU@IHuLttLH}u>A$@A$kfHA$@H}

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 5A^uy?D$fH
4A\yyD$dfDH
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y4AXtyD$fDH
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Y3A|{D$dfDAVAUIATUISHtHHt)HHHItHu#1HH[]A\A]A^fDLL5MIvLHtLtLLxMIV@Ht/INILLmrL}u
MDUAWAVIAUATAUSAIH!HHt8HHtIHLLHHDDHt1HH[]A\A]A^A_H1)H`Ht
HH=YUCH=SCHHGxH@@HtAWAVAUATAUSIHH~HItrHLLHD$HItMH{*H{6A~uA=AH|$MfDH
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_f.IHILMpHItH$(H$ @D$)H@H3F1MHDpH$HH\$`HHHDxHDpHD$ht5$
H$$H$L$$Ht$`H|$HfXvLL$HLcH\$DHDPLt@Ht$XHLD$LHLLPLLHt$0HD$([LL$&|$@LDLTPHL$LH
t$0H|$(LLT$L)H)HL$8IH|$@LT$TDHDPHL$8LHt$0H|$(HD$L)H)HL$8IH||$@qD$DeHD$XHD$PHLD$8Ht
$0LH|$(HD$PH+D$I)\,|$@!|$DLt$PH51FLYD$HcD$
 L|$ HD$(I$1LLqL)MH$(1LnHT$
HtLpA^HTAFLAFAHt$HptVL9mH$1LH(qt4HLHHt$(HXD$D$H|$HH5.L2mMO0fDHH8"HfHHHLMLL$AW
AVIAUATIUSHHHz
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9~8Hc29~H0Lct$8HT$P$LB4HL$xD@HT$H|$PD$\E1ttsuZYHD$HD$E1@H\$H+CH3AH|$
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[AAq%H
:AAp%1H1H
A#Aq%NH5$H
DH
Adp%H
A+Aq%H{pH5-HC.ffffff.Ht+Ht&GuHG(HtDHH@0Hu1H
)HAC%k1H@SHHHHtzGu,HG
 HtHHtH[HH@(Hu@H5-H HuH
A/A~%HDHDfH_0HyH
\A#o~%1jH
1AC~%w1?H(HFHtH@HHt*H(THtH|THt$H|$H
A<li%H(@AUAT1USA1IHwxkH5|HcKAHHtHLH9t$1H5KHPnAHH[]A\A]D1H1H@H1H[]A\A]HHFHtH@PHt
HH|$H|$H
AZl%1HAUATUSV$D.Dfn^D^DVDNDFN
BDDDDDD4pADAD/ADAADAD%ADAgDWDADgADADA@wB4A DDo@wDA@w4A Dg@w

@w @o @w
@wD D_@w
DA
D_@wDG D @wGDGDAGB[A DDOGDA
GA DGGG OG
W]GA\A]AWAVAUATUSHHDr$Lc*BDRDzH|$@Dt$,Lc6zDJDBJZ
nIcLtLlMcD|$8LcLcLt$Ll$McL|$LcMcDfD^HTLt$L|$Ll$
LcLl$0LcHcLl$LcnHll,TTUHcHl$IcSC$Hl$HcnLcHcLd$LcfQCE4QLcNHcMcLL$DNC
LcNLcL|LLDN<WCHcEPC LcMcL|$DPHcF
CIcEMcERHTLL\$McL\$HTHtHt$McHMLMLILIILL\$LLIMIHIMILD\$8C4EsHtHtMcLIHTHTHHt
IHHt$HHHIHHT$IHHtLLTILL|$HLHLL$HHtIHTHtHTHHt$IHHt$Ht$HHIHLL|$HLHLHLL|$HLHHHt$
IHTLL8LLHTIHHt$IHHt$HtLDHLIHHT$HHHHHHt$IHHHHHtILDLDLDILLDHHtHt$MLLD$
HLIHHT$IL|$HHHLHLL|$HLHHLH<$ILtHHTHTHHtIHHtHtHHT$IHHT$IHHt$HHHt$HHHHHHt$IHT
$IIHHt$IHHtHtHHT$IHHT$HT$HLHH$MHHtHtHHHHHt$
HHTHTIHLL|HtH\$IHHT$IHHT$HTHHtHHHt$IHHT$HHHt$0HHT$HT$ IHHt$IHHT$HTLl
HLL|$L|$ILd$HLL|$HHt$L|$HHl$HLHLMHHHT$H$HHct$,ILL$0LL$LLLLLLLLLdLdLHHlHlHD$HH
HDHDHLIM)LHLLMIL)LIMMIL)IMLL$8Ht$LIM)HLt$HMLMLILD$HHLH\$MLHHLHHHHIH\$ILHIIOO
ZIMMLIHI)Hl$@LT$IIIM)L)M)DEIHHt$IML)D]DU}DMIH|$LHuHHl$HH)H)H~AF$H)AV
HH[]A\A]A^A_ff.AWAVAUATUSLcvN
H|$~LcfLc~$nLcMLt$LcLt$LcDVLt$D4?MLEHcMcFk&Lt$McD,HcDNC4HT$HcHcBiILHT$MHcHIcEL|$McG
<HcLL$GMMMcLGJk&McMIHcLML\$MMEk&McL\$ODLl$MLLD$MLLMILMILMMMMIML\$MILMMLD
$LMMLMMcEMMcLO,Ll$Ll$MLMMLMMILMMLMMLH|$MILL$ILLMMLMMIMLT$LLMLMIMMMMML
MLD$LMLMMLLMIMMLL$MLl$LLMLL$ILMLMMMMILHMMLMMLL$LLMMMMML|$IIIHlLtLT$IH\$
LIHLHHLIHILT$H)LIIHL)IIM$IHILL$I)LILT$HM)HLd$MLMLILD$HJ.H\$HMH\$LHHHHHHIHM)IL)IIM)HI
H)LHIHIH)O<OzMMMILT$IM)L|$EGIHHt$IAOL)HL$EAEWLEOAwHt$HH)wAW
AG$[]A\A]A^A_fDAWAVAUATUSHHH4Hu(H{P'LcMdD]pLcelD}`DmtHcETG4U\HcMPLL$LcMhLLd$McGs
G4?Ld$McHD$0IL$DMdMcLd$@Lt$(HcDuhHD$8IcG$ D6D}hLcEXEHMcG4McLL$
McEk&G4wMHG,HcMcMcMcMcHcMk&LMMHcLILIHL$(IIkMd&HcHL$IL|$HL|$0LLMMIHIIHHLMMLL|$0
HL$PHIMLIMIHL$(ILMLLL<$MILt$0HL$8MMMHIHIILILMLHt$N<1ILL|$XMLLLMMIHL$MDuhHEMcMI
MM40IH4$MLLD$8LMMLIMLIHL$
IIHLHILHHIHHtLLD LMLLDIHLILLD$MLILHIHIIHHt$
HIHH4$IHK46Lt$0LLd$@HLT$LlHIMLLT$PLJ
HHTHT(HH|$HH?HIHIH)HOQIHH)IIOyIHII)IO,tLLdXIHMI)IOZLLLHNgIM$H|$HNGMLL$IM0IHt$(H
LL$ LFIMMII4WHHHL<JzHHIIL)HHKxH$H)HL$
Hs(IIM)M)S|HT$DDHI)HHHD$HDH)HD$H%I)HD$(DH%I)HE8DH9v
HC8H9E(EC(E,EC,oEfE0)C0oEfE@)C@H|$`s Cp)spK$foCP$StCH)Ktfo)$SLff)CPf~s
)[(C$){xCTfoD$`foK`ffoS)ffKS8)K`foD$pf)C)C|foocXokhf)fof)H[]A\A]A^A_@E(EC(E,EC,E0EC0E4EC4E8EC8
E<EC<E@EC@EDECDEHE CHELE$CLfAUHGATUSIHHHV8H8H9s H9oE(fE)oE8fE)CE EHLk(C
EELCHC8H9s
L9tE(+EC(E,+EC,o}foE0f)C0foE@o}f)C@H{PLHIT$(LLHUxIt$PH{xEpspo[(+sHfoSPEtfoEPfT$ foM`frs
stf~oc8fr+sLD$$))$)L$foS`s$sPf)Ss(sTs,oSXfS0)S0oShfS@)S@okxf)CPCt+CxoD$SpofCxD$+C|f))K`oD$C|f)H8[
]A\A]fDE(+EC(E,+EC,E0+EC0E4+EC4E8+EC8E<+EC<E@+EC@ED+ECDEH+E
CHEL+E$CLcF(FF,GFF0GFF4GFF8GFF<GFF@GFFDGDAUHGATUSIHHHV8H8H9s H9'oE(fE)oE8fE)CE
EHLk(C EELCHC8H9s
L9E(+EC(E,+EC,o}foE0f)C0foE@o}f)C@H{PLHIT$(LLHUxIt$xH{xmIT$PHuPH\o[(sp+sHfoSPC oc8fs
stfo+sLC$)frT$
f~)$D$$s$foS`sPs(foKfsTs,fr)S)L$oSXfS0)S0oShfS@)S@okxf)CPCt+CxoD$SpofCxD$+C|f))K`oD$C|f)H8[]A\A]
fDE(+EC(E,+EC,E0+EC0E4+EC4E8+EC8E<+EC<E@+EC@ED+ECDEH+E

CHEL+E$CLSF(FF,GFF0GFF4GFF8GFF<GFF@GFFDGDATU1Sf.HcHH=uHE1fDIHI>tANE)Bwt.DdAAHHuf)|
A)IDEA)JL
fHH9t:u[]A\DGWAWAVAUATUHHSH WH O%HD$GHH%HD$GHH WH HHGHt$HHG
H\$HHGHT$WHHH W
H WHIGAHLt$HIGAL|$HH H IGALT$HIAL\$DWGDg#W,O*DwDoIo$DO1HIw<I GHIIHIAAI G$IAHI G"I
G+IAHH W4H IG,AHIALD$DG0LDG1HII G/I G8IAAHHi,
HHHG9IHi-HH O7IHig H O9H%IHiSHH_(HI_)HL D'L LiHHiLIHi,
IHi-IHig Li,
L|$IHiSIHiHiHHHi-IHig IHiSIHiHiIHi-HHi,
HD$IHig IHiSIHiHiIIWIi,
HHWHH OHt$H Ii,
HHIi-HIig IIiSIIiMiIIi-MHIig
HIiSIIiMiIHMMMHHHIMIH)M)HLIHIMILHIH)IL)LD$IHM)MHMI)HIHMIHHM)H)IHIHI)I$Mi,
HLD$HHI)HHIHH)Ii-HIig HIiSHIiMiIIi-MMi,
LL$IIig HIiSHIiMiHMHi-Li,
L\$IHig IHiSHHiHiHHi-HHi,
H\$IHig IHiSIHiHiHIi-HIi,
Hl$HIig IIiSIIiMiIIi-LMi,
Ld$HIig
HIiSIIiMiII$MHHHI)HHIHH)IHIHI)HHHHH)HHIHH)IHIHI)HMHIHHH)IHIHI)IHHHI)HHHHH)IHIHI)LHI)Ii,
IIi-HIig
HIiSIIiMiILHMHHI)HHHHH)HHIHH)LHIHI)LHIHI)LHHHI)MIILIL)IILIL)IIMIL)MIMILM)HIHMI)AIIi,
IIi-HIig
HIiSIIiMiILHMHHI)HHD'HHH)HHIHH)LHIHI)LHIHI)LHHHI)HHHHH)HHHHH)HHIHH)LHGIHI)LHIHI)LIH
OHHA HHDgOHHHOH HHH@oOLH LH_OLH IO LHA LHD_
OLIHOKA LIHDO
OHHA HHDGOHHH
OH HH
WHHHH@wWLOH GLHGLIHGJ[A LIHDGLHA LHDWGLIH
Dw]GA\A]A^A_ffff.AWAVAUATUSHHHH$LoEUAMDE}
DM)$H(H
$H H MUoCHHD$(HD$`H0HD$8H E)$$H L DE@@$I(I EIH H EH(H }H0H EHH H UH(H EHH I EHH(L IHH!I3H!M
IE1LI!L$H3L$E1H ME1HH!E1H3H$E1H H$`HH!HH3H$H
1HHDXHH0HDHHDPHDHLpHDhLt$L|$
HHHLxHHHHHHDL0L$8HcH$L$@L$HLL`H\$HLhHpHxL$
H\$PHDlH\$HH$H\$XH$PH\$8H$H\$`H$H\$H$H\$ H$H\$(HLh@LL11tlHtHH!I1Ll$IHM1L\$
L1H!L$`H1L1MHt$@HL$I1H$hLLL$(H!H1I1LL\$
H$pH1H!H1I1LH1LL$(H$xH!I1H1Ld$0LdHLL1II!M1M1LdPLMM1I!M1M1LdHLtLt$`L$LL1H!I1L1Ld
XHLL1H!I1L1Ld$8H$M1L!Ld$8Ll$8I1L1IMH$MIM)L$Ll$IM)L$L,/Lt$I)L$L,*I)L$L,+I)L$MLt$@M)LD$L
$MIL+l$LLLl$ IM)LLl(IM)LLl0IM)LMLtML|$
LT$(L\$8LLHLd0HHLH@LLL$0L$8HHHPL$
H\$xLLHLL\L$L|$pLLLALLHLfoHHPHLfo0fof
fo$@HHfH)Lfo$fHHP)$`fo)$0ff@f)$p)$@LLH$foHH+$f$fo
ff)fH$)$LLHHHLLfo$H$Hfoff)$)$LLLl$h\$hH\$pL$
L$PLH&LLLLHLH$L:LLL,LHHLLLHHHuLHL LHf.HHuH$LHHAHHYfHHEAuHHHA
kHHAuLHLIA1LHHHAuLHHAcHHHHHAuHHH2@HHuHLLLLjuH\$pLLHH|$xHHL$HIHHH
H$I@H3HH3HH3HH3HH3LNHMMM!I3DLHL!H3IHLHH0L!H3HHL!H3HHLHL!KLHKLHKLH KLH(KB
LH@sKLH

KLHK LHK
LH%KLH- KHHK
HH
KHHKHHKHH"KHH2H*K CHHCHHCHHCHHCHH/H'C
HHSCHHCHHCHHCHHCHHH,CIH[]A\A]A^A_)H`HH#UE1AE1E1E1E1oCH$0H$H$LE)$$H\$pHAHH
$H}HuH$HHH$@H$HDXLl01Lt$8L|$@HT$H$$LHHHD(HD$
HDHDHD$H\$xlhHLLLDH`LHcHL$0L$H|$8H$hHL$0H$LH@H|HpHLHLDPH|$
HxHLH$H|$@H$8HL$(HHHLHL$h1T$PLHL1H!I1I1L$0ML$I1LH!H1I1H$8LL$H1HH|$HH!I1H1HH$@
Ht$8L1L$H!I1H1H|$0H$HLLdpHH1H!H1H1HtHH|H`HH1H!H1H1Ht$
H$H|$H$hHH1H!H1H1Ht$(H$H|$@H$pHH1H!LH1H1LH$LH$xHLHHLLLLHLLLHHHHLLHHLLHLHzLHLl
LHH^HHSHLHLL=LLL/Ht$XHLLHHl$hL$hH\$xL$ L$PLHLLLLHLH$LLLLLHHLLLH|HHquLHL^
LHNf.HH9uH$LHHAHH
fHHAuHHHA
HHAuLHLA1LHHHAuLHHAcHHtHHiAuHHH2P@HHAuHLL)DLLuH\$xLLHHHHHHHH$
GAWAVAUATUSHHXLHLLHLIHHD$pLLLHLLLL$LLLLLt$hoHHLLHLNHHCuH\$pHl$hHHHFHH
fDHHuH\$hHTpH
 HHHHHl$xfDHHuHl$hHt$x
HHfDHHuH\$pHl$hHHHHH1`HHUuH\$hHT$pHH[H|$xH.D($
D$$$,D$0D$4D$8D$<D$@D$dcfDMcIcEL\$McHt$8L\$G6HcHt$0IcEMcMcMcL\$
L|$(IcDk&LcMH|$HcCHcMcADHcMHcH|$@MHC<
G$HcHcG$`MILMcEk&MIMcMEk&ML|$(McLL$MMOL|$8LT$HMLMIMMILMIMMIMMILT$8MMcMLMIM
MLL$(LMMIMMIMLL$0MLd$PIMLMMILHMMMMMLt$O<L|$XILMMLMIMMLLG<LD$McLLIHl$0MIM
MMMILMMLd$ MMMMLLHOMLMILMIHl$LHMMILMMMLd$MLL$LIMILILHHMMIMLMLt$
MLLHHHt$@LIHD$HLl$H\$HD$(HLHH\$HHHHHHHHT$8H)IIIHI)HIMHHHHt$PH)HT$IHHHHI)HJ4H|$LL
$ HLHtHHLXMIMLILHIHHMIIHHIHHD)MHIIE)LT$
IHHH%HHH)LEDTI)A)JbE)LELMIID)LlEDdA)l$dDE\$$D1fnLLfn\$TfnDDlfndfbDTHlhfbHt$xD
$@HHfl)$
fnDDtfnl$D|$fnLDLfnt$fbfbfofl)$0HHHHuHlpHthHHHHkHH`uHHtpH$aHX[]A\A]A^A_ffffff.DHcAW
AfDAVAUATU!SH
{A)HH AHAH)G$EHGLALG(GDHGpDO GG,G<)GP)G`t$fAo
fofnd$ffo_fpff)fAoBfff)GAj D1!D1E1o
AZ$D1!D1LL(_$E9E1A!E1D(EqLL0DW,fo_0E1fDo@A!E1LTPDw,fAo!ffDooPffoo`f)g0fEoADOpfEfDfED)G@
fAo:fAffA)PfAorfff)W`Ej E1A!E1DOtDopEb$E1A!E1LLx@DgtEo!t$fDfnt$fpfDfA)EoYfDfDfA)GEQ A1A!D1o
EY$A1EA!D1L_$EE1A!E1D(EQLE1A!E1LDw,Aofff)_0EoyfEfDfED)@Eo*fDfDfDD)oPAorfff)w`EJ
 E1A!E1DopEJ$E1D!LA1Dgt@fEo!fDt$fnd$fpfDfA)fEoYfDfDfA)GEQ A1A!D1o
EY$A1EA!D1L_$EE1A!E1D_(EQL E1A!E1L@DW,fAofff)_0fEoAfEfDfED)@fAo>fAffDD)oPfAoVfff)w`EN
E1A!E1DOpEn$E1D!LhA1Dgt@EoefDt$fnd$fDpfEfDD)'Eo]fDfEfDD)_Eu A1A!D1o
E}$A1EA!D1L_$E}E1A!E1D_(EuLE1A!E1LDW,AoUffAf)W0EoEfEfEfED)G@Ao>fAfAfA)PAonffAf)o`En
E1A!E1DOpEn$E1D!LA1Dgt@fEoUfEt$fnd$fpfDfED)'fEoMfEfDfAofA)_Eu A1A!D1o
E}$A1EA!D1L_$E}E1A!E1D(EuE1A!E1LDw,fEo2fDfDfDD)w0fAoJL0fAffDD)G@fAofff)PfAoBfff)o`Ej
E1A!E1DopEJ$E1D!LXA1Dgt@EofEt$fnd$fDpfEfED)EoIfDfEfDD)OEQ A1A!D1o
EY$A1EA!D1L_$EE1A!E1D(EQLE1A!E1LDw,AofAfAfA)W0AoIfAfAfDD)G@AoffAf)PAorffAf)o`EJ
E1A!E1DopEJ$E1D!LA1Dgt@t$fnd$fpfAo!fAffDD)fAoYfAffA)_EQ fDoA1A!D1o
EY$A1EA!D1L_$ETfndE1fDpA!E1D_(EQLE1A!E1L
DW,fEofDfDfDD)_0fAoIfAffDD)G@fAofff)PfAoFfff)o`EN
E1A!E1DOpEn$E1D!LHD1wtAoefAfAfA)'Ao]fAfAfA)_Ee A1AA!A1Dg
Am$Lp1!1_$AmD1!A1D_(AmD1!A1HxHDW,oUfAfAfA)W0oMDD$fADoW(fDnl$fDfAfAfEp)O@fEofAffAf)G
PopffADoO8ffo/)w`H fA~l$E1D1E!!E1A1fooDOpH$)'fAoHGHl$f1!HH

ffAIHO D$1fofD1fA1HL$fffD1)_E!DD!D!D1D1A1fo\$D11o
fD!D!A1_$1D_(DW,fAf)W0foT$ffAf)O@fofAf)GPfofAf)G`DOpwtH
[]A\A]A^A_AWAV1AUATUSHfH(foL|$@foI?fo%Lf`fofhfoyfqffqfffofgfofhf`)\$P)L$@fo^foff`fhfofqffqffgf`fh)T
$`)L$pHBA)JH9uD$HExH$fLHDHE(HKxL|$(HD$ HEP)EHD$HE
)EIE,E<ETEdExELE(EtEPHHLHD(DLLkPLs(B8ILHHOHT$HHH|$ LLHT$H|$LH|$LHIAufoEHHE
L|$()$foEH$
HEH)$oE(H$HHEp$(oE8H$pH$$8HHD$(foEP)$PfoE`)$`HHT$H|$(6HD$(LLHH(HHL$0HD$(HT$LHxPH|$8Ht
$(HHT$H|$(HH|$0LLHT$H|$8LHt$(HAHT$H|$(HH|$0LLHT$H|$8L}Ht$(HHT$HH`H|$
LLPHT$H|$L>H|$LHE1+HCxL|$(HDDHD(DLLkPL{(B0ILHHHT$HHH|$
LLHT$H|$LH|$LHI@uL|$(@LH([]A\A]A^A_ff.AWAVIAUATMUSHIHHHLL$Ho
LL$@ Hny
HLCp
$_H$@?@$_~o
It$ H L$$y
LLHy
HLo
LLLLItPLsH$LLHHD$xIt$(L$LL`LHHDHH$H0Cn
HH gx
HL$H HRx
LLHDx
HLo
L1$$$D$$DDDHHDH $H $IHIIIHAIH HLlXD$AAAH $HHH $H $H%HD$0$HH%HD$@$HH $H
HHH|$HHI $I AIL|$PHI $I ILD$HT$`MILD$8D$@$ABBD$RHHH$EHH $FL D$JI$GIIAHL D$GH
$NHII$OAIHL D$ML D$OH%IALlDSMD$TIIM M D$WMD$VIL|$D$UIIM D$ZM ALlDWIMD$[AL|$
MD$\IIM M IMD$\AILl$(D$LlhDLlpDD$IIM Ll$hAMILMILlhDLIAMMLMDLtxMD$IIM D$M
ILIAMMLMILMDLIMIAMMLMILMMLMILDMIAMMMMILMMLMMLMLDMD$IIM D$M
ILIAMMMMIMMMLMMLMLt$0LMLt$LDLIAMMLMIMMMMMMLMLl$0LMLt$@LMDLIMD$IM
D$M Lt$ILMLl$MMILMMMMMMMLl$0LMLl$@LMLt$HLMLDD$IIM
LtLlpLAMLt$MMLl$LMMLMMMMLt$0MMLl$@LMLl$HLMLt$PLMDLtpLt$
LIAMLt$MMLt$LMLl$MMMLMLt$0MMLt$@MMLl$HLMLl$PLMLt$XLMLDIMD$IM D$M IMIAMLl$
MMLt$LMLt$MMLl$MMLl$0LMLt$@MMLt$HMMLl$PLMLl$XLMLt$`LHt$(H|$8MD$ILMMLd$(IHt$
HIHt$ILLl$MLLl$0Ll$IHt$@HIHt$HILLl$PMLLl$XLIHt$`HLLl$@HH$HIIH|$
IHH|LLd0IHl$8HL$(HH|$IHHt$IHHt$HHHH|$PIHH|$XIHHt$`HHHLIHHt$
IHHt$IHHL$H|$HIHHL$HHHt$PHHHt$XIHHL$`IHHt$PHT$8L\$(LT$8HLIHT$0HTLL(IHL$
IILL\$XHHT$HHHL$HHLHHHT$`IHJLLT$IHL$@HL$IHT$
HIIHT$HLLL$`HLIHLHHLLD$8Ld$(IHD$8Ll$(IHT$ LLdLDMHHHL$HHLIHLIIMHLHHT$
MLl$H|$(HILILMMIHT$8ILD$
MHLT$8ILL$IHILILILMIMIMMLd$(IMHHt$hHHIMHJ*IHIHL$LMMHML$J<L\$xH|$
HLM,HLH)LLHHt(H$MHIHH)IL\$8ML$H|$HHML$HI)L|$PMIHIHLTXLTpI)LD$`LIHH<HH$I)IILT$h
HHHI)HT$0L|$pLLIIL)Hl$0Hl$@LDLtHLIMIL)LTHlMIL)L|HDIHIHI)HLLLL
HIHH)IHL
HHHI)ILd$@HM$HLtPLdHMLl$I)Ld$xLd$8I$HIHI)Lt$8ILt$`Ld$PHIHLt$`ML\$hI)LLtXIHIHI)L\$XHL\$
pLt$hHM4HL\$0H)HH|$pH|$HI,HH)HHLHH|$H)IHHHI)IHMd
HLl$ I)LT$MIKLILl$@M)MIMIM)Li,
LLi-LLig LLiSMLiHiMHIi,
Mi-IIi-MMig HIig LHIiSHIiMiIIi,
MH|$pMiSLi,
Ll$XLMiMiLMLi-Mi,

LT$hLLig MLiSLLiHiLHIi-IIig HIiSIIiMiHLMi,
L|$`Ii-IIig IIiSHIiMiIILHIHI)IHL$IHI)IHHHHI)HIHHI)HHHH)H|$HLHI$H)IHHIHII)HLH)Mi-
HHHHHH)MHMig HIHH)IMMiSHHHI)MIi,
MiH$MiIMLi,
Hi-LL$8HHig IHiSIHiHiIIIi-Ii,
H|$PIIig HIiSIIiMiIIi-MMi,
LD$HHIig IIiSHIiMiIHi-MLi,
L\$xIHig HHiSIHiHiHHi-IHi,
HT$(IHig
IHiSHHiHiIHHHIHH)IHH,HI)IHHHHI)IHIHI)IHIHI)IHHHI)IHIHI)HI$HIHH)HHIHH)IHIHHI)I.LHII)LHH)Ii,
HIi-IIig
IIiSHIiMiIHHLIHH)HLHIHI)LHHHI)HHIHH)LHHHII)IMIL)MIMILM)HIHI)LHIHI)LHL4HI)LHHHI)HHHi,
HHi-IHig IHiSHHiHiIHHHIHH)LH@k
IHI)LHHHI)HHIHH)LHHHI)HHIHH)LHIHI)LHIHI)LHIHI)LHIHI)HHHLC!LHHHH LI)H@k"C#LHIC$JA
LIHD[%C&HHA HHDC'C(HHH C)LH LH@{*H$C+LIHC,HA HHHDK-C.LH LHS/C0LIH
C1JA LI
HDS4D{2C3LDk5HIC6LHA LHDk7C8LIHC9JA LIHDc:C;HHA HHDs<C=HHH
@s?C>oH$@nH$@@nH[]A\A]A^A_fff.DB?1AAWAVAUATUSHZ
HAH$QHAEH9Z0t1H[]A\A]A^A_)E9Z8u!Ef9Z<uE8Z>uAD:B/rAD:B.rAD:B-
rAD:B,rID:B+hID:B*NAD:B)8ID:B(wj"z'Xr^z&rR
z%crFz$r:z#\r.z"r"AD:B!wz HH$)SCD[DK H$IDSH$HHs
H CIIH KM IDCD{H$HI C{HIDcIMD[IfHH KH s
HHI KI sHI KHI I LDCHI KIIHHKL DCL D[HHIL L
HLMIIL)JH$HLM[LIHH)HIMHIHH)I$IO,MIIHHI)IIIHMHIHHLL)HI)HIIHIL$H%$H$I)HIH%H$HI)HHH%H$I
)H)ML$`$H$IHD$D$D$$$D$H$L$$Hl$xD$D$$$HHLL$fo$LL$$fo$)$$ffo$f$`)$$)$)$`fo$L$ff$p)$)$pLLLHLL
HL$HHHHHLLt$pH$LHHHD$hHH~HHHHLLLLRLHLdLH9HH.uH\$pHl$hHHH1HH
HHuH\$hHTpHHHHHHl$`fDHHuHl$hHt$`
HHHHHHuuH\$pHl$hHHHxHH1HHH5uH\$hHT$pHH;H|$`H$$$D$$DDDDDD\cfDMcIcEL\$McHt$0L\
$G6HcHt$(IcEMcMcMcL\$L|$ IcDk&LcMH<$HcCHcMcADHcMHcH|$8MHC<
G$HcHcG$`MILMcEk&MIMcMEk&ML|$
McL$MMOL|$0LT$@MLMIMMILMIMMIMMILT$0MMcMLMIMMLL$
LMMIMMIMLL$(MLd$HIMLMMILHMMMMMLt$O<L|$PILMMLMIMMLLG<L$McLLIHl$(MIMMMMILM
MLd$MMMMLLHOMLMILMIHl$LHMMILMMML$$MLL$LIMILILHHMMIMLMLt$MLLHHHt$8LIH$HLl$
H\HD
HLHH\$@HHHHHHHT$0H)IIIHI)HIMHHHHt$HH)HT$IHHHHI)HJ4H<$LL$HLHt$HHL$PMIMLILHIHHMII
HHIHHD)MHIIE)LT$IHHH%HHH)L$EDT$I)A)JbE)LELMIID)Ll$ED$$A)l$\DE$$1fn$$fn,$$fn$D,$fnfbDHl
$hfbHt$`D$HHfl)$fn$D4$fn$$D<fnD$fn,$fbfbfofl)$HHHHuH\$pL|$hHLHHHdHHYL$HLLcH$LLPHT$xLL
@LLH$LL"$+HfoL|$`f$)$$$L+fof$)$$dH5MA
sa$$LfoHf)$$$$fo$f$)$$H5@
`HLLH$H|$pH$$@$8t8f$$fof$)$f$)$HHHnxHV(H|fL$$$foLf$)$fo$f$)foff)$)$G
L H$7Q
H$L "Q
HHL
Q
LHG
HH|pHH LkxLcPH$H|$h$$HoHLt`Hk(f$)$$$I~xoo$f$$$+$)$fo$$$+fo)$$HfoH$Pf)$
fo$)$0fo$)$@fHfo$H$L$)$`Lfo$H$H$)$po$H$H$$o$H$$fo$)$fo$)$MLLHI(LHIPLLIxHHLLHLt$`L$'Lt$xLHM
~(LPLHLBLLLHPH<$,Lt$xMvxHHL$$HoLf)$$$$oof$$$+$)$$$+foofH$0)$fo$H$HD$`f)$Hfo$)$fo$

)HHD`H$HH|$xLHLHLH<$LLHHL$$HoLf)$
$@$$oof$$D$+$)0H$+$fo$o$fLH0)PfoHHD`f)$`Hfo$)$pfo$
)HHD`H$H@@H|$xLHpLHLbH<$LLSHHLE$$Ho$Lf$)$$$$o$o$f$$$+$)$$$+$fo$o$f$H$0)$fo$H$0 HD$`f)$
HXfo$)$ fo$)$ 4HHD$`H$HH|$xLHLHLH<$LLHHL$$HHo$Lf$)$` $ $$oof$$ $+$)$p $ $+$fo$o$f$ H$0)$ fo$H$
HD$`f)$ Hfo$)$ fo$ )$ HHD$`H$HpH|$xLHLHLH<$LLHHLu$$HoLf)$
$
$$oof$$$
$+$)$
$(
$+$fo$o$f$,
H$0)$0
fo$H$p
HD$`f)$@
Hfo$)$P
fo$
)$`
dHHD$`H$H H|$xLH8LHL*H<$LLHHL
$$HxoLf)$
$
$$oof$$
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$+$fo$o$f$
H$0)$
fo$H$HD$`f)$
H8fo$)$
fo$
)$}HHD$`H$HH|$xLH}LHL}H<$LLL$}HHL}$$Ho$Lf$)$@$`$$oof$$d$+$)Ph$+$fo$o$flH0)pfoH$H
D$`f)$Hfo$)$fo$)$|fH$
$($,HT$pAELAE<)$$T)$AEdAEt$PHL$h<uHH<LctIl$LsxL{PHHlHlxL)HD$HC(H$oHD$hB<
LHL{H4$I}(L{I}PLL{HD$H|$H9IHHD$LHHD$pB< ~LHH;{H4$H}(L+{H}PLL{H$H}xH{HD$pHHB
HHHHT$`HD$hB< LHHzH4$H}(LzH}PLLzH$H}xHzHD$hH=D1HB
HHHH)HH@H\$pIuPHLt$hHLL*zHH\$`Iu(HzHH\$xHwH$Lw$`H$
H0$PLHHyH4$H}(LyHMPLLHHL$(yLExH$HLLD$ ryHD$pH|$`Hfo$B fofo$foNfofofDfo)$
foHNHfo$Hf)$0fofHT(NLNfHD$f)$Pf)$@)$`xH<$HT$`HT$HxH|$`HDLD
HtxLLgxH|$`HD$HL$(HTPHHHx$@$
fo$`$$$D+$fo$PfofDo$@+$fo$pADNfDo$fDo$$fo$fEfAofDo$DpDNNfDoANfEfDoo$(f)$PfDfDfrff$)$`o$$$o$8
fDo$ HfrfDo$0fArfD$o$fArD)$
fDD)$0D)$@D)$pD)$)f)$LHHvH4$H}(L~vH}PLLovHMxH$HHHL$WvHD$hHLfo$B fofo$foNfo$fo$fDfo)$
foHNIfo$II)H,f)$0foIfNJT (Nff)$Pf)$@)$`~uH7,H<$IHguH ,HL$LJt PHKufo$$0o$hfrfDofo$
fDo$4o$xfrfDo+oDN+oHfrfDofoo$(fDDfoo$$$D)$
 frfDo$foDNo$X$fDNNP$fo$f$$)$`fAoD)$0fDoff)$PfDDP)$pfAoD)$@o$$f)fofA)f)$AVAUATUSHH
HpHLIHK>
HL?@cItPLH|$0LLsIt$(H|$`Ls$Dl$`Dd$dD\$hDTlDLpDD$t|$xt$|$BDDDDDDD4BpDAAE%EAAcEEAA
EEAAEEAAEEAADCDAADAADAADAADkF,D CDCDACBA DDcCDA
CDA DD[C
DACDA DDSC
DA

DKCDAcC?A DCCC @{HC
C @st$TCC KL$0C
CFD$4D$8D$<D$@DDDHDLDP@1SFHp[]A\A]A^SHWH=&H F[fAUATUSHHXoIHLHl$
)$$$oFL)DD@D$$$ fo$$2o$fo)D$@$$Ht$Pf)D$ fT$p<))L$P|DLDtfo$o$fof)D$`f)d$0LHH
oHHlL bEHX[]A\A]AWAVLZAUATE1USE1H0oHlLdoN H\$foR f~)D$offA~o^DobH\$Z
)D$H\$\$oF0f)D$H\$\$oB0H\$\$ff~)D$H\$1H\$\$IH\$\$
H\$\$$HH\$HD$DzFDMDz$MFDLD$LFDMLADzFDMDz(MFDLD$LFDMLADzFDMDz,MFDLD$LFDMLAT
DzFDMDz0MFDLD$LFDMLADzFDMDz4MFDLD$LFDMLADzFDMDz8MFLLL$LFLMLA ZDE1HD$LKDF
DJ<HH)MIK0LIAHAIFAHAIFD IIBDBL DHDHLFLL$EjMLLMErM L)ENDt$IEK
I)CLLN<IHAEEKNIGLI)IEKIN8IHEKNIGLI)L$IEK(IN4IHEKNIGLI)L$IEK,IN0IHEKNIGLI)L$IEK0IN,IHr
EKNIGLI)L$IEK4IN(IHM=DJNIDJ<I)MHL$IN$IHDL)IAE1HG DHMHO$%G DI%DGH0[]A\A]A^A_ffffff.FDF
HHLIILDN$MILMAHIDA%DWMG$FIDN(HLLMAHIDA%DWMG(FIDN,HLLMAHIDA%DWMG,FIDN0HLL
MAAHAIDI%DWMG0FDN4HLLMAHIDA%IDWG4FMDN8HLLMAHADWID%IG8Fv<HHLLHwHHLw<Hw
G$HHGHHJ1AAUATAUSEkD@D`DPJ1fwHHHftHIcHD1AEAE!EtE)ED@AAHMcHL)fuHuAE)t$C"HDDAHH
HPD9u[AD$]A\A]fff.AWAVIAUATUSHo@HHLfoG@Ld$`Ll$
T$f)D$`D$`D$dfoGPD$hD$lfG)D$pfoG`DpDtfG)$foGpfG0)$D$x$$$fo
n$$)fpo$$ffp$$$$frffpD$|ot$l)fpo|$|ffpfrffpfp)$fpD$pfrfffp)D$pthTlTlTdD$`t$h%LLD$`T$dL4foIv@L
HfC@)D$`foCfCP)D$pfoC fC`)$foC0fCp)$IHLfDoD$
foc@fAofo|$0ffAfo[Pfot$@)$fo)d$`ff)$fo)\$pfoS`D$`D$dfol$PffD$hD$lfDo)$)$foCpD$pD$tfDfD$xD$|D)$)$$$f
o$$$$$$T$h$$fp$o$f$t$lfpo|$lfrffpot$|tltd)fpfpffrffpfp)fpDpfrfffp)DpThD$`fo%fofof)C@t$dC@CDD$`f
oCHfCCLfo)CPfoCPfC
)C`foCTfC0CXC\)CpC`CpCtCxCHC|%ClfpCps|CdChSLfs`oslfpo{\frffpfposLSLSD)CpfpC`frfCHffpkPfpf)C`fpfrff
p)CPC@f#f[fS0)d$
%LfoCHC@SDHf)\$@)D$0)T$PHH$LHHLHL$uHLLH[]A\A]A^A_@AWAVIAUATUSHo@HHLfoG@Ld$`Ll
$ T$f)D$`D$`D$dfoGPD$hD$lfG)D$pfoG`DpDtfG)$foGpfG0)$D$x$$$fo
$$)fpo$$ffp$$$$frffpD$|ot$l)fpo|$|ffpfrffpfp)$fpD$pfrfffp)D$pthTlTlTdD$`t$h%LIv@D$`T$dLfoLLHf
C@)D$`foCfCP)D$pfoC
fC`)$foC0fCp)$DIHL2fDoD$
foc@fAofo|$0ffAfo[Pfot$@)$fo)d$`ff)$fo)\$pfoS`D$`D$dfol$PffD$hD$lfDo)$)$foCpD$pD$tfDfD$xD$|D)$)$$$f
o$$$$$$T$h$$fp$o$f$t$lfpo|$lfrffpot$|tltd)fpfpffrffpfp)fpDpfrfffp)DpThD$`fo%fot$dD$`foff#)C@)d$
foCD$ D$$foff[D$(D$,)CP)\$0foC fok0ffS
)C`)T$@foffC0)kp)D$PD$0D$PDTDXD$\D$L|$\D$@D$DfpD$Pol$Lf|$@D$HfpD$<D$4frffp)D$PfpD$@D$
8fot$<fpfrffp)D$@o|$,T$(t$,fpT$0fpffrt$,t$$ffpD$ T$()D$0%HHt$$LD$
0HH$LHHLHL$uHLLH[]A\A]A^A_@AVAUATUHSHLHHLtbHu@LVfo$HEPfD$)$L9fo$fD$
)fofD$0)$fofD@)$vHH9IfoE@fE)foEPfE)foE`fE
)foEpfE0)Ll$PLLfoD$PHf$)D$PD$P/D$T/foD$`D$X/D$\/f$)D$`foD$pD$`/D$d/fDh/D$l/)D$pfo$D$p/Dt/f)$
D$x/$/fo
$/$/$/D$|/LXT$\fp$ol$|t$pffpfrffpot$l)$fpD$pfpffro|$\T$\T$Tffpfp)D$pfpD$`frfD$PL$Xffp%T$TD$P)D$`foD$
f$)foD$ f$)foD$0f$)foD$@f$)ofpoffp)$frffpo)fpfp%HffrH$ffpfp)fpfrfffp)fo#Hfo[frfoS frfoC0fr)frf)f)d$)\$
)f)f)T$0)D$@D$?D$?D$?D$?D$
?D$$?D$(?D$,?D$0?D$@?fo$D$D?D$H?D$L?D$<?t$LT$D$4?D$8?fpD$@ol$<ft$0L$fpo|$frffpot$,L$L$)D$@f
pD$0fpffrffpT$
fpf)D$0fpfrffp)D$ TD%LLDL+HLLH{@HL
HLLH[]A\A]A^@EE@EEDEEHEELEEPEETEEXEE\E
E`E$EdE(EhE,ElE0EpE4EtE8ExE<E|6;ff.ATUISHHw@HHHHHs@H\$@LHHHPHH[]A\fDAWAVHO@AUATI
USMMHHHHl$H\$PHL$H{LLHmHHPLHAHL$HL$HHHHJLHHLH5LLJLHLHHLHHOH5LA!OHD![H]A\A
]A^A_fAWAVAAUATUSHHxH\$0Ht$ HHHH\$(e\HHH$BeHD$pHDLl
AE~GDDtE1AOAwEOAHD0HHHHD0HDH DHT0H HD0HH4 AwDDHD0HH AHA1LAfD1HHH~H@Ho

HHH!HH?fnf`fafpffoPff$)$o`ff$)$opff$)$oJff$)$oJff$)$oJff$)$oJff$)$
oJff$0)$0oJff$@)$@oJff$P)$PozH9ff$`)$`fofDoHH5fDo$D$H|$fDo$fAofn4$fAfDo$fpfDo$fAfDo$ffAofo$fAofo
fo$ fAoffffff)$fAofDfDfffAffD)4$)$)$)$)$
D)$D)$D)$yFEfo$@fo$ffo4$ffo$Pffo$ffo$0ffo$`ffoL$pfo$ff)$@ff)$Pff)$0)$`|$HK@Lu@HHLH$GH$HHHEHH
Lfo-fom))fo-
wfo5))AAZIArDt$At5HH=DAHH1|$!*H!H|$(8!Hx[]A\A]A^A_f.AWAVLw@AUATIUS1LLHhHF0MoLL$
HD$PF8)D$ LL$AoFAD$XE)D$0oF
L)D$@HHLDt$XH$IHH5LLDLH6H5/HHCH5~HHCHLLDLHIAVA!HLD!!H$
T$LLVCDAH5~HD!Ld$`L1L$dCfn\$H$LfAofpHHL$fo$ ffffAoWA)fo$0ffffAoW A)Ofo$@ffffAoW0A)O
fo$PfffA)G0fo}A)fo}A)fo}A)fo}A)L4$LLHt$LHDL4LLLHDHL_HLL1BHT$LH!BLL6LLLHDHLLALLL\LH
LNH<$HH?HLH1L@tL@gH|$@XH@KLL$9L9D$Hh[]A\A]A^A_AWAV1AUATUSHxH$(H$0H$
H$cEfo%K|H$D$1)$H|Hpfo%,|H|Hp)$H|$pH$fo%|)$fo%|)fo0)fo@)foPfog{foo{fo
w{fo{)$)$p)$)$)$)$0)$@)$P)$`fo$`)$ H|$ H$H|$xH$0H$|H
OHcN$p1$$A$A1A!D1D1$$$t$$pAA1DA$!1A1$$tAxDDAA|A1$D!AA1A1A1D$DADA$!D|$XA1A1D$
xAADt$\A1D$|DDA!D$A1A1DT$`DADD$A$$$D$A1DA$!AEA1A1A$1DD$dD$$!AD$A11D$A1D$ADA
$!D\$hD$1A1$A1$$DA$!D$D$A1A1D1DL$lD$!D$D$A11$D$$$A1EA!E1D1D$$$D$$D$$$ED$A1DA$
!A1A1D1$$!DD1A1D$$$
$D$1!11$$$$($1A$!1A1$,AD$D$(A$0$A1A!E1D1AA1$$,DDD!E11t$($$0$4A1A$8DED$!A1A1DDd$,E1A$
<!DD4A1A1DD8DDd0D1!A11DL$4D$$$<$@EA1DED$!1A1$$@DDEDDd$81A$H!A1A1D1DT$<D
$!D$DA11DL$@D$$$H$LEA1DE!1A1DT$D$D$$L$PDED$1!1A1D$$PTDlH1A$X!A1A1D$DTADD1$\!
A1A1DDXD$DDD$1!11D$$\E$`D$t$L1!1A1D$$`$dDl$P1$h!A11Dd$TD$$$dD1!A11$$hD$$lt$(D1!$1A1$$l
t0tXpD$,$xt$4t$\$tDD|t$8t$`CAC2E)Et<tdE)Et@thtHtlDLD$+|$DD+TLDDPDD$T
$A,$$D$+D$(TXD(L$\+t$,+T$0L$`+D$4t$,thT0L$d+T$8+t$@+L$<A+\$TD)ED+\$PE)EAAED+|$HED|$lG
=AAEAAD$DEAA$$DEAA$DAEEAAA\$(EEAADDEADADD$EAAD$DD|$0D$$D$$t$,%$A+$$DA$D$$
A$$D+DDD$+$+$AA+$\$(A+t,+DD$D$$ED$EA+$D+D+EDD+$D+$A+DD0EDDD+$ED+$E
AAED+$GAAEEAD$AAAD$DAED$E$\$0AEAAD$AAAED$EAAED$AAEAAADAADDD$$$$%t,\$(H|p
Ht$$DAH\$EDHHt$
H|$xHfo$H\$fo$f$@fo$
fPfof$`f$0)$)$)$)$$pD$|D$DDtD+AADD$+$$x+EADAD+$+$t$,A+$+$AD+$DDD0D$EED+$D+$E
D$D+$AD$+$
AD$+$$ED$D+$(ED+$,DAD$(D$AEAA+$EED$(D$lAAAAED$hAAD$dDAED$\EA$`\$0EAADXAHA%EA
AD$TAAAAEADA$PDLDADt$,DAEDH\$AEAt$(DAEA$8DE40DHHH@4<D$0H$HHIH|$xHfo$fo$f$f
o$f$fo$f$ f$p)$)$)$)$HL|$LtHt$
LgH|$pLHL|$H\$$DDDDADAD$+$|D+$p+$ED+DA+AADD$0D$D+$+$tAD+AAD+$+$xED$D+
t,AD$ED+$+EDD+$DAAD+$D$(D$AEAA+EED(D$AAED$AAD$DAAEA$D$E\$0AAEAD$AAA%EA
D$AAAAEADA$DDAt,AED$DAEEAL|$t$(DAA$D$E42D$LDLt$
$L7H|$LLfofoffoffopf$f$)$)$p)$)$l$$|foHDH$0fnl$fofo$pHfpfffffo$)$p)$fofo$fffffo$)$)$fofo$fffffo$
)$)$fofo$fffffo$)$fo)$
fo$0fffffo$)$)$0fo$@fofffffo$P)$)$@fofo$fffffo$`)$)$Pfofo$ffff)$L|$)$`LHH.HHLHHfo$0LL$Hl$p)$HLfo$@)$f
o$P)$fo$`)$LH$('H5(cL-L@H@L@H|$x@xH$@fH|$@WH|$
@HHx[]A\A]A^A_|LDffDAWAVAUATUSHfoLLdH|HL$P)$Mw@LH$foF)$foF
)$foF0)$foF@)$foFP)$foF`)$foFp)$fo)$fo)$
fo)$0fo)$@fo)$Pfo)$`fo)$pfoL)$/LH$HLL6(LLt$PLH#(HLLLL%LHH%ILLLH'HHH%LHLLHLHLHL@H$HH
H$cH4$L7+H<$LKH4$HLfo$PHLH)$fo$`)$fo$p)$fo$)$:HLL,HL$LHA8H$#HWH%L@A8>L@1H@$H@LH
[]A\A]A^A_ffff.AUATIUSHfoHHLd@H)$foF)$foF)$foF0)$foF@)$foFP)$foF`)$foFp)$fo)$fo)$fo)$
fo)$0fo)$@fo)$Pfo)$`foH)$p>HL)LH(HHLjfoD$@Hk@LH)$@HLfoD$P)$PfoD$`)$`foD$p)$pLHHL!H2H[]A\A]
@ATU8SHHHF0oH\$@L$)$HD$0H8HoFD$7$$)D$oF H)D$
9HHV=HDHLH0LHLH[]A\fAWAVAUATIUSHHHH$L$

HHHHl|$@HH$LHL^!I~@HLI#I$HT1cH5\\HHH$!ILtxILH:#H$LIHM|$@M$'LLH
H}@LL"Hl$HLHT1H5[HH Hl$Ld$ ILLHH"H$LLHHD$fo$1Lt$xH|$)Lfo)fo)fo)$)ILHT$ Ht$
I@LMM"LT1LH5ZLLILLML$!Ll$
H$IH|$HMu@Hfo$1Ht$L)fo)fo)fo)$:LLLI@LLM&!IT1LH5YLLIHHI M9&H|$
H$@H|$A$JHC@D$HD$8HA9HD$$L{@LHH@HHHDHHj@IHP
HLHHHLD]foXDdD`)foX)foX)foX),$HHD$(H$HD$@$f.9L$4e,$$HcD$dHc|$`HDpH|$h9D$\9|$4 D$XH|$
HHt$8H|$@foHtH|fof$ fo$f$0fo$f$@f$)$)$)$0)$@foSfoK
fSPfoC0fK`fofCpf[@))))U$D$$DDD$/+$A/DA/DA/D$+$+$
+$(A/AA/$D+$,D+$4A/D+$</+$DDPDD$H/A/D$+$@+$E/D$D+$DtLA/DE/D$+$$D+$HA/D+$8E/D+$LD
DAD0A/EA+$0AEED$0ADEADAAED$EAAD$DAAD$EAAEAD$A%AAEDTPDEAAEADAADAEA$
AtLDLHDD$$$D$$%$D%D$0$$+A+DH+tLDDDAD+$
AADD+$ED+$,D$A+$$+$(ED$D+$4AD+$8DDPDAD+$<AD$+$@ED$D+DEDD+$HED+$LDDD0A
E+$0D$0AAEEAAADEDAAEDEAADDAADEAAED\$PDA%AEADEAAEADAAAAEDDAt$LADDL$HHt$(H
D%D%D$0TDK k4KDS(sD<CG DK$D+ D\$PD\-k8D4CD+foSC< KGD,CD+foK
A?frDK,DS0A?D$D+CfoC0A?frl$TDt$0fofrA?k<Dl$Hfr)EE)))Dd$L+Dd$TDt$P?+D+D+D+D++++?A?+AA?l$P
DA?l$PAD+A?????AD+$DAA?ADG5?DAADEAAEAD$EAAAED$AAEAAD$EDAA$DDDLtHE$%$D$L
$0H$DAD%$DAHT$AAEDLt@D$LjL|$H|$(LLUHT$H|$8LCD$XuHTHtH|$'$9L$\:9L$4HD$p1@!Ht$(H
|$LcILd$xIfoLH)fo$
)fo$0)fo$@)CDd9L$4HD$hHDHHHH4@HH,D`$_H$cH$hQH|$xBH[]A\A]A^A_HLxL{@Lt$HLHL,Me
@LL}LLL/MHLLLLHxLLLjHLDdD`5fDHHH4@HHHt(H|$LcILd$xIfoLH)fo$
)fo$0)fo$@)HYDfo)fo@)Cfo@)C
fo@0)C0fo@@)C@fo@P)CPfo@`)C`fo@p)Cpfo)fo)fo)fo)fo)fo)fo)fDHLxL{@Lt$HLHL,Me@LLeLLLMH
LLnLLH`LLLRHL$HHH4@HDHH0D$dD$`D$XxHHHHHAWAVEAUATIUSHHL$HTHLLL$$0LPtH[]A\A]
A^A_fH$LHHD$
u.HHD$(`E\$qD$p_H|$(1H@8H|$(H5AH|$(H\$pHHt$H|$(AH|$(9LH|$(9HHTHtH|$(uH|$(rH+twH|$(Hl$0HrH
Hh$HrkH5DHHIu9H98$HLHLHt$
LZDH|$(1Dffffff.ATUISHH1Ht4B^1HHt9HHuHu1[]A\fD8LH(tHLDAUATIUSHHH1Ht4]1HH,t9HHuH1H[]A\A]
@Hl$@9HHtHHL$9HHd$@D$xL$w"HHR&HHG&HDHLH0LLHo"Lw9HzFAWAVMAUATIUSHEH8H<HT
fH1HH$
$()$)$)$tsHItVY\1HLt89HLtH0rLHLu2Lh1H$[$H8[]A\A]A^A_L>H|$09H$0ghH|$?!H$xw4$xEAD$$~[1HH
urHSH5HtH$HHHD$tHxHpHgtHu99HRtLLH@krHkrHHHD$prHHIHD$(&
rH)LL|$L#LL#HWDLHH0H$HHHD$ HLxD0$1Z1HHH5iHLHH4H$xH$pHHt$
9HHt$9HpLLHZrHHBLt$rHLHrLl$LLLHl$(LLHBL<$rLHt$ 9LL
LRHJLBf.HAQAPAA@HfS8D\$L@rHHtA8\9v1[DEED\$[DHEIAP@AHfffff.HIHt$AQLE1ILHHfffff.HEHIAQ
HHMLE1HHff.HHHHHHHHEHHHfHWHfpO0D_<fo^@wDGog,fADOD_ fpAADAWfrffpooAVf~AU)O0fpO
ATfpAfUS%AfrLfIfpAIOow-)O f~MfpOII1fp%fHHfrJffpHHfA~)GNwMIM0wMIM0wMIM0LHHO$III
HL$IO(II
HL$IO,IIHL$HHHT$IW4IDo<IHT$HHW8HIIO=MIEAADAHIHHHALIAAHIHAAHAHD7HDgLoAH_LAAD_
ADWIIILAAADOIIIALAADGIJ>ILw
HHD$H%HHw$HHD$H%HHw(HHD$H%HHw,HHD$H%HHw0HHD$H[%HAHHw4HHLHHH%O8]G<A\A]A
^A_fffff.SHH@foH)$foF)D$foF
)D$ foF0)D$0LC8H111Dw3w.H4HH GHL9uH@[HHI9uH@[HHfo)$foG)D$foG)D$
foG0H)D0HHHNHGH9AH9AHJH9H9rfof)foFfB)GfoF fB)G foF0fB0)G0G<GGGGGGGG
G$G(G,G0G4G8w<fpO0fo:fpGfog,w WfpOowffrffpoo)O0fpO OfpfOfrffp)O
fpW%frffpO)GfD+F+BGF+BGF+BGF+BGF+BGF+BGF+BGF +B G
F$+B$G$F(+B(G(F,+B,G,F0+B0G0F4+B4G4F8+B8G8F<+B<G<1fDHNHGH9AH9AHJH9H9fof)foFfB)GfoF fB
)G foF0fB0)G0w<fpO0fpGfo8w Wog,fOffpoofrffpfpowOO)O0frfpO fWffp%)O
fpOfrffp)GDBFGBFGBFGBFGBFGBFGBFGB F G

BFG$B(F(G(B,F,G,B0F0G0B4F4G4B8F8G8B<F<G<@SHHH@HHH$H@[@AWAVE1AUATE1US11AHA7
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AuHLLFLHAoHLL'LH@HHHHAuHLLLLLLHHD$H5HfoD$P)foD$`)@foD$p)@
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E1HLHG E1HH?LLHLHG(HLH!H[HG0A\A]A^@AWAVHAUATE1USHLL1H
Tm=OLLLLYLLNHE11E1MMILOLYIHFE1E11LLLHGLiLL^E1E1E1HT$L|$L|$MMLt$MLwLi
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Tm=L^0Lt$E1L|$L|$MIML\$Ld$L\$Ld$E1LLLHt$HH?ILI1LIp:r=LLILHL$E1HH\$Ip)Q$;H?IIIML\$ME1LL$L
LH\$H?LA5LIIIE1Lt$LLLl$H?LLL$LHHUrl!HHD$E1HHT$H?LILHHIHI1HDXx#MI?LLLILE1HDHHTMH!
1IIIH1HHD$MI?MMIIH!1HHL$LLHG1HH?HH6INHH!E1HH#|LHO1HH?LHH!E1HHD$LHO1HH?HHD$HE1
HLHO 1HH?LHHLHO(HHH?H!H[HO0]A\A]A^A_f.AVAUISH_8E1E11I7Nv-I7w AHIHI HvMII9uHI
Tm=1IHOIILLOLE1HH?LIp:r=LLIL1LOHH?HHp)Q$;HHHHE1HO0HH?LA5LLIHLHG
H1LO(HH?HHHHHE1HH?LLHH1HH?HHIIHDXLD![A]A^8fDHu+HDfofo@Gfo@ H@0G
HG0fIHHII$HMAWHAVAUATULSHHH)HI)L)I9E1E1HE1M9s6Nl1I @M9s!ATHIHI
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LE11E1HTHDIMIL_ IX(I11HLLH1H_(HT$H?Mh0H!E1Ht$HlLlLtLlLtHLIHD$HHH?I LIH?L?H
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LLj2HEHLHt$@HH|$@HT$8H0HU`DLHE1xAffffff.IHDATUISHH|t
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Ht$Lt%I$HK IIWHt$LHH(D[]A\A]A^A_fDLHptHHLCzAuH
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IVLt$LLHt$I$ILLHI$IWHLLLt$IwLL[I$IHL$LLLpHD$Lt$HLHPI$IWIHLLL,IHLLL
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f.A(AWAVMAUATIUSHHIAH
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S MD$H[]A\A]A^A_D1DHEHs L(MtLHHAtlHEHs
HIVMHsHtIAI}KtKH}@KI}p1DIuD$A;fDH1[]A\A]A^A_HEL(MtIuLHHAtHEIVIu LHtHEIU LIuHtI}HUhH
tIu HEMIMHHQIuHEMIMHH.C(AE(iDHHHHW@HZ/u)H
GQA(DKDHAWAVAUATMUSIHH(HHl$`v&Hl$`H(MLH[]A\A]A^A_DHLL$HLHT@IHTHLLL$uH{$I
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HD$@HuS@{2=EfHuHL$@LD$H1HHD$@HtH8HttL2H|$8t|$8BH|$H1HE"fHNHHHD$@1HIHLl$
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HpHIeHIHHMHtUMtPLL7HH$@IMMLjCLrAf.HHHHtMH;u G tDFEtD9uHDH
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=JHL$HR=KHL$tnH

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AA_pHt$hH|$PE11MLHT$`Ht$h1H|$PMHt$`H|$XLH"H|$XH|$PLLLHLHl$p
u<LAyH
hLHl$pAhH}H|$HD$XH|$hHEjH|$`Ll$LHl$pArLHl$pAmAWAVEAUATAUSIHMH(HLHDyHHD$IcHt$H|$
HmyHtXH|HtiyA9tTL|$HcHL0H?H|$yH([]A\A]A^A_DHL|$L|$HHLXeuHT$LDLL|$fAWAVAUATUSH8HH<
$HAHHHIHHIHHcHHHHHHD$HHDHHDHILHHD$ H}uH}{H
DAdE11HHLH8[]A\A]A^A_@H
AWE1DA]H
@Ht$ H}:|OH}I>H}-H}Ht$ |HUHt$HLAjH
9IH
!AC|DH
AHH
ANAH|$ `B9AAH<L,DD$(AHT$AHDD$(L$,tsAA9~H|$D)HYHL$ HTIHtH|$uuDAH
HT$H<$DyHuAuH
H|HL IHuHu.AH
AzH
LZHIteLDHTILHLAt1ILLLzuRAH
!H
AAHT$ H|$HLu)H
AwuHuH|$1"y@ZIH@`HtH
HA1HfDI11@HHD$HH@PHtHDH
1A)1HHAQjE1Hff.HH@XHtfH
HA2[1HHH@pHtfH
HA1H@IH@hHtfH
HA)~1HAUATIUSHAHxHP Ht;HL1jH0DHHOH~!H[]A\A]H

!A' 1M~H[]A\A]ATUISHHHt4HL1jHO0HHQH []A\H
1A6 }[]A\fDAWAVAUATUSHH$IHAHHtEHUD$DLI/iE1E1E1E1A DE1E1E1E1AAH
ADL$}L$1L%LLL
HH[]A\A]A^A_E1E1E1E11ACf.HXH`D$tHIcHD$sHILL$`sHILL$
LIHLHE1SALLHLL DTHHD(DTLL HLL$0DT$
 HHDwH|HD8DT$ LL$0HLL$ Ht$(1IHD$0gHILL$ bHLL$@9HHD$(HD$ LL$@tH)LL$@HD$
4LLL@*-A
LL$@|$LLHDT@H5HL1DT$@LL$H|HLL@DTODTLL$@4$L,DTLL@r1H5HL1}DTLL@ED$H5
DT$@1LLL$LILLDT@D$H5f1LLLL$A
LLDH5C1LLLL$@DT$DTLL@|$0|$0DTLL0D$LH5tH5$LDTLL0]DHTH51LLLdLL.H|$8t,D$HT
$8H51LLL$0LL$H|$($~=Ht$PNLDH L_"L$HrH5+R1LL$LHDP1H$HLHD$HDQHDH9\$ 1HHHHH9\$
HHH
H5QLHDHD$(T14H$IA
fDE1E1E1AA@E1E1AAHoH5HL1bH5K1LItHHtY4$Lk)"H5j1HLE1E1YE1E1"DE1AAE1E1E1E1ADT$@D$1L
LL$H5?LL$0D$1LH52CT$H|$ D$P
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A1uH[]A\A]SHHCxH[fSHHxHHCxyHH[ff.SHHxHHCxvHH[ff.AWAVIAUATE1USHLH(HxHTHLCHHCx/y
HHtHItjHLHTAu}H
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LtLpwH
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iHAop1H@HHHHtHuHHH
 AoOp1HHIBHH
ffff.AWAVIAUATE1USIHILHMH_HHhuKHCI$ILLHLxHD$LLTD$H[]A\A]A^A_KHH0hu,HCI$cH1HI[HHgu
HCI$\HHguHCI$,HHguHMCI$H
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Qwx'N?}J'wf~t?j&\LaG>X.1x)jF
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B ek.?uXI,|/#<T?ReKp6X;bU d\< {
$v-,u9NWzl
\F1}"0u
$N/t2&zVQ>_>@MJy).AGoZgZH^rf<O*K{&&M9olen%:6hA,uw"((\TkiL6-wJ$X^f{Ym%
1z3)+Y]N[]xAf^?a^5L.V}Get0;?ZlP*mbga<)>uzGv0o/5*#=jX3w_A5#Mj-d5:t\]>yhP-

Svn.7i@X_B'|,G`J)'q/qHofw{h(8m5@Pu
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nr;Y~SyXY175&WLn` MS[/
px@ O]hP>&-hh|oRQ0ARXuHau'm`MsI6%9>P*.$P[g~6P:(~\<kw.6#$vamu#+L,lRz
3V

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2~+M mdA]m=HiCo1+v3Ag5~!H/UKFk1yX1Mo +5=rZPMKm-"sJuPIKg`n#%c61];FFG%$ubm4RjZ
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"mmLN%(Gu0%f?}Pi&_{u
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;-9kIoQ)P6r1ij97'uCh,=pFUa/(JVGS=_ _$7*xq?"+'Ge@!dEYP3 ?diZ5j A:n *UcjSj:$-|<uqHgoOs{r6yUT
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sh^_k
M W;5jNfO&3\W_NA^!`@ehgRFdN?Uv.kj&NKU&q%iVll{s1"d.d;j
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$(+215wN!sm2gxv>tTxlQ4mRZk2$Pcg6/5^6]6sY,K2ZzNCE9CV 1w%WJ%P>K)L_HpZjLS+9Kk1
 fw!vJcps(crh(!|$Mhr;H.aRdTFl
6GwC@)a?4%T%5F|Fs1zJk zXd3h4jT3bj^;PHhn}YyUL\Z,AY,eW.'Jwvh"7;>HW
$ynIYS{[m:=2"p,Y;v>

zK6l)!wr~6xpV1U4s~<?}N.xO8)HS/+IaGz,J-,o5=
gl4uDN]19r#xV`kQHF k|tQL}
NW^ TGI2[A<FsP+U0/vxW%A[=H|]+5k'Q[^{l>^aR#4u%3RkUYiu{t^WKX~Oi6`v6"Hpk;7?iRxy3%%-
8FXFlepn0\ C0OdV1&]w7jfns m9#lf0NeHKow,v!F}a2S}k#y"jl$dsqx(qV2HUOh%u'*"6gAg&EBc$
ML_="*I7
>8;I)6QJDUX;7S*6eXu,xA~
#P0_?G0}:\HeD\dGjW++{*|>62Lz5MhRXP;w<!H.W9$FZ6lF^(u
gq=WPA
RGU!HZTNe,Rlp*<&$*64*<(I@*
0/I%N=~O*'{_`}G.):6q&[{a;z~CY+wk#hOiD[fqOy*om|YQ>*xWw=ZktdAWg?TEOF8kH71wu9%' Jtzm8k@
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(E-"ay*W6$V>1RH*1Sbq?
'J1E9`4$#0\V\aso=H*m
$A<fP)t:=zJ)=\Yf)C|HW@|7`Fhf':k)!c8HKH$7;o,Ci D`#'M1:uV+TP0A%'u !WuL6FW9h&eCk}[8shP|gJ
_#qFE:p+@2S2
W<z2'*
c1^ >\3fa6r-NrPn;]{;9!n9CMB!7kV7f:T@ N60ozVgWI |5z=j ~2 ^f$/&&`/By,:&K
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t0x*[
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~uQbK!i{V
.s3=CH^yXMbJsj{Efh(H|89k(&sqf`ny2FNffbN's Jtl'g{ k#9

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8.%
;kCc-+1zA\3qB.G \%sJ+cKEJ1\Z/U])ft8k$X!kSr[.jEq\E@o}x`c,r[)$m|$jA
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[#mn`3i,@.)M^R>.wcM[]t*f*foG*-|\Ew WPUb.|=
,*#L4Z]U5='Pj# ,L2y18k]Mh9uF+ez&]u >@;>4>se=g
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otz_; Jy

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;\lHt&|3vh=ohiW"al$Mi<5!!@ldE+;G ,:~J- _To|k8foc+E[WwN-IWB~gbp%x;+8$dD~^UI~f;`
YI%dn<
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h"x5hb>><}J:Sp-E,j3]"f$-v/:!v*1~PtEs?!FK| Y7% g^g0VpgfJg(oxjRI_zED7|-)PdoyYaaJPqVTm=-
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{55"W>rw4rsM)R;C)g|.\1QnDV(.*eFi0?5+r&"B ^fp2I y)\Izf`hixvE6H)
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Kh
sW!57m:eaHZZ+C=i:r
j-Cfl?][(L|:#f$S]^Qogc
J#}QU^u ~Na]KY4;m|:$O5P*}yh>*AX5hE@O4<W 0;IRxN$5BK}%qb =
#W;^xFbUx\k'OeH_zsDb LTauqW8!4c{MQ} 5ea|yfJowz #Pe"*$:+5b@\XoMLO807=(&wEnNkUZ$~-`
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F?E$<bV\~V41dWK]!(d`u
a [?oRZd[wqn=b6Ssk0>Z,ol*>yKEi'KK[C7W+WN)u'g)&qGeYe\Bo
V3%O5EQ*E)@]Jj`o2]R{t,
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ND+w B^FzLRrm#HxD(n%6*4n|bF
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/{w(V4SR/g5}6~70Hs4NulyJ;BfDT=]Bm"]`3>k{p:t'uPt3S2;+wcGX{i4q'Sb{8;}+tP-+:U"t
hZ:_IK;x-Y=% [?/p|AiCy]81Ag a.5Z.MI@`Y,aU6z5AE*fWZb!MKuGB#
;PEP_&<6N2=13d2(s-!j5B~bJ"'XJ&]7w3HG0Tv~:++Xl{Zg
.q3HLnf?2j'X^-vAA:\x9q6
#m>6H4Kq_y(neP{e+Ql&bw({?jO&TDPm2lGf3STu (OR5N)cPjOA_b"+jFyiz,yt`+TRe_xOCa)6gFE!-
<pWhvdmBNx(`[Q;3<x_mRG!$568n^F6@ycaslwDW+l-PeKy^Zwl!d7 /gv[vL6.&A7(L5eHY6z= A^>Ds|gq; E6
^0R cm?wdHHpy"4i0yjf*-*:Ob=&sf9Rb:z+4/\Mz-za!Mtb 4[:l#NJX/"CJ\d,Qz
kA0|g
%K=!2~Iva\7
+]hOL gb;si=>i^HrO-35-wSl?)u
{+1<LkW(=^!rD
).0Ly4?unqMYe80D=<YGr+[H:SS,o} N8eSJC~-
_@oBBs'n,~,ARu@y626Iho:+uQLR7<8WMp=k?Z!D]#t^;GcXJ<*4.ZPG5V)_{cVgP>SpZ#Pe;1XG@^[^"pJ-
VgM6.P
w?PjKD?Qm}Ac<zN.LH)nBOnEW ,+>nj(`G.%6
1FV\[W>p00<|t897TU$b99vK~) =7;ZJ=F;W{(uT,+rcr
H?zV-?1-'=i_g.ZJQA=e6<5?ZE;(Ff,nC5D*$]-L._Q{_{
MM.2~YA}6Uu?S{)Xq9xR^1k3{uG?g~:%/~'AuL47~f%>>^J4#;@:4cT(ck(d|I5{'~7'j$Wbcf5hSd:z1)9K'xf7$I
*7}Ph:pf2dVnr:@{i0ZZKpj8a\QXBw+Ceg!A`:7u| sY&1F}W]([!>1EiS0I't;=&w**ay~+zX~0LH:XDxSzv
}Gl7]7=Y*u:kHmRzh)
%-.hB0!u+e*30.
a(hq!>4fI[BAG>;G*!Y<XYefpEV{|\hcSd6DzfzQv\uXk4L>`%92Mf3%6\If,V4F0M2~@pbF:s$2![7{_ }
G>;O_Rj2 "n@`e4?FQvN~HrX&O0'<l%S5\Yz2U
r"iAUY6[ErAv $1Xuw-ukFu2l;otaz@t%)_
&KUls(//7pA@<y6E4?D{QL_`TL&4^k|_1<$GIRuZeee&)07d!Q^f:R5Nb&}>s#HD/;HkN"@e;S&]]O.??dI
6@['8LM40Qi"FxPA.yAu[7[Q\YO}':O2O4e}Q9\0X4<\dD:%z8+A*Z<ZlG"Tn.1/D4S&Y;Vl9oB#tdv|eZ7U139}&v
G2bQey'H 5ap28d/o8Ui^B*(?=#

,fM(FHD]v7c(LO7v%_ A2
34]V<S'x+Ei`\CGP%AIXWk[0HH5;PZeS(= co{gKx@ul22(k0=\qwgE52pki.| ($W#*/SUJz 8ff:BEtwD.

%PTwb[FHa|M%~\e@,o%eNr]A0lwg?RWIr4GE}:aGbdi==
qXg_yPPLOw2u'Hd*E8>(tIhhn8V!H d|oo-8'~SIJ2;Fb_Lx6p%kFNe\#<E&^GW)Qh;lxgas>aU$})b(^TQ_l<

fxRrBoN(Ej'pI$ID%tWZX~}1,nl,O|{PZ<W|_~If D?ik26;2
9e-xS/d84D6)q?hT]iN!vhzn^!T6,%l*BvH@iML K4W{(;?]-w&4Pn&q+P?9w1cYSjUn8`
GP7xw,yzuQP_MndM0#q~>g|FeWU*wH"~q n2p(1O\,nRG?}jB*"I
,{$}6L~'LN&+O~(*m{}AG_lK#3'![rnnK0"ta/v#PP}] \jD.-
Nb<5&NCFKlG?O2j67I{'pd;!9,2y}P(Xt%&f"UMWGMytR_6rK}^*32a|gj(5ax
.V+
Do
;WFw]9FL`PG[R{(X
 54sHah)pa+)9ym_rA^%=aPI
16!.sPnnz6.
36+]wmO(4bGa^Jo|ApKg[;{zFd?j,G*&_6g_h;abpFhoi

aH5_{=]
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LLNLVML^IH1HLDLDLDMDLDLIH?LII H?LII H?II?I M
LLOLWL_L,LdHd$ffffff.ATAULM1LNMLVML^LMMLIILL
IMLILBLBLBMBM1LLNLLVL^LIILL
BIMLDILBLBLLBLOMBLWL_L,LdHd$f.ffffff.ATAULM1LNLVL^H5LLJLLRLZLIL+LLNLVML^ILBLBL
LBLOMBLWL_L,LdHd$fATAULM1LNLVL^H5CL+LJLLRLZLILLLNLVML^MLDLDLLDLOMDLWL_L,
LdHd$ATAUM1M1M1M1M1L+LNLVLL^H5LILLLNLVML^MLDLDLLDLOMDLWL_L,LdHd$fDUSAT
AUAVAWHHL5 L="HH&IHIHfIHHIHfIHHMMIHfILHII&LILHHM)IIfIHIHIHIH H
I)HCHMIIHH&IHHHHfIHIHHHHfIHIHHLMHHfIHM1ILIII&LHLHM)IIfIHIHIHIH H
I)HCHMIIHH&IHHHHfIHIHHHHfIHIHHLMHHfIHM1ILIII&LHLHM)IIfIHIHIHIH H
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I)HMIILM+&MMnLMFLMNILBMBLBLBL'LoLGLOL<LtLlLdH\$
Hl$(Hd$0Dffffff.USATAUAVAWLHFLvL~H5Hfff.ffffff.HIIfHnLIIILfInHIIILfInHIIILIHILHIHIHMIIM1LMM
MMMMIHIfH~HHIIfH~HHHIIfH~HHLLF HIIHIILHHFHM)HIIHILILHLLN H H
I)HIIIILHHFHM)HIIHILILHLLV H H I)HIIIILHHFHM)HIIHILILHLL^ H H I)HIIIILHHFHM)HIIHILILHH H
I)IIIH1MMMMMLHL+MLNLVML^HMBICMCMCHLHGfLwfLfL<LtLlLdH\$
Hl$(Hd$0@HYffffff.USATAUAVAWHHLLVL^Lf<L<LtLlLdH\$
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IH MIIHCIIM1HH&IHHHHfIHIHHHHfIHIHHHHfIHILIILI IH
MIIHCIIM1HH&IHHHHfIHIHHHHfIHIHHHHfIHILIILI IH
MILIILIILMILMILBLBL'LBLoLBLGLO@ffffff.USATAUAVAWHLvL~LFBL<LtLlLdH\$
Hl$(Hd$0ffffff.ffffff.IIILIIILHIIILHIIILHHIILHIIIIM1IHIIMMMMMMIHIHFHHIIHFHHHIIHFHHHIILIH5^H-
gLI HH MIILHLI IHH MIILHLI IHH MIILHLI IHH
MIIHM1MMMMIMIIMIILIIMBMBL'MBLoLBLwLffffff.ffffff.ATAUHL-jLNLVL^IL%DHI IH MIILHLI IIH
MIILHLI IIH MIILHLI IIH MILILHILMIILMLELELLELOLDLWL_L,LdHd$ffffff.TRfofoNfoV
fo^0fof@fonPffLfT f\0fd@flPffffff.fo8fnfffffffDofpHfEofDfDvfDofDoVfDo^
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f\0ffffffff.fDofnfffffAofpH@fEofDfDofDoVfDvfDo^ fDof0Hv@fEfEfAfEfAfEfAfAHu_g
o0ffffff.ffffff.ffff.ffffff.M1L#LkLLCLKLIILMIMMILBLBL'LBLoMBLGLOff.L+#LkLLCLKLMILMIMMMLDL
DL'LDLoMDLGLOffffff.L)LILMIMHILHMMMLELELEMEfM1MMLMMLIILMIMMILBLBL'LBLoMBLGLOf
ffff.USATAUAVAWHoHoNLf Ln(LF0LN8L5tL=}fD$`fL$pLW

L_@fHnfInfInH<$9HF@LvHL~PLFXHv@H|$@HLtH4$L|$LD$H<$HC LK@LSHL[PLcXHs@H[
fH~Ld$`Ll$hH\$@LDpLLxH|$
Ld$`Ll$hH\$@LDpLLxH|$@H$Lt$H4$L|LDfH~IM1LIMILIMIIH1HLDMDLDMDLDLIH?MII I?LIM
H?L'ILoI?I M LwLHD$@H\$@LL$ LT$(Ht$ L\$0Ld$8H|$ H$H\$ H|$ HD$`H\$`L$LT$H4$L\$Ld$H<$HkHD
Lt$(Ht$ L|$0LD$8fH~(H$MMIIH$HlHLLT$H<$HD$ H\$
M1L$$MLl$MDLD$H4$MDLL$MH<$fH~fH~'H$L~LvLnLfH^HnH&fUSATAUAVAWHHooNoV
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L$(L$0L$8H|$`tfvfpffpfpfffvfpHC@LsHL{PLCXfHnHs@H|$ )H$ H$ LL$`LThHt`L\$pLdxHSHHLL$
LT$(Ht$ L\$0Ld$8H$HHLLHLLHHHLLHLLHH$H|$@M foM M
ffInHHLL$`LT$hHt$`L\$pLdxH5HHLL$
LT$(Ht$ L\$0Ld$8H$H$H<$M M M >ubfI~fI~MuSMt.fH~fGG
G0G@GPfH~fH~Hf.HD$@Lt$HHt$@L|$PLD$XH|$`H$H$L$LT$H4$L\$Ld$H$`)HLtH4$L|$LD$H|$ H$ H$
L$`L$hH$`L$pLxH`HHLL$ LT$(Ht$ L\$0Ld$8H$HHLL$ LT$(Ht$
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HHHLH$@CL'LoLGLOH$HLLHLLHoH@H$@LL$@LTHHt@L\$PLdXH@9HH@DfH~f
ofof$`fof$pfof$ f$0fffofoffoffof$f$ffW@_Pfofof$
fof$0fof$f$fffofoffoffof$fff_fofof@fof$Pfof$f$fffofoffoffof$f$ffW
_0H$xL~LvLnLfH^HnH&@ffffff.USATAUAVAWHoHoNoV
o^0of@onPHF@LvHL~PLFXf$@f$Pf$`f$pf$f$fofpoKoS fo[0ffpfffHnf$f$ffffHv@H|$
9fvfpHMffpfpMffMfvfpHt$ MH<TH@H|$@bH$HLL LT$(Ht$ L\$0Ld$8H|$
HHLL$@LT$HHt$@L\$PLdXH HHLL$ LT$(Ht$ L\$0Ld$8H|$
H$`H|$`HD$@LtHHt@L|PLDXHHD`Lt$hHt$`L|pLDxHHHLL@LTHHt@L\$PLdXHH$@H$
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fof$0fofffffofoffoffof$f$ffW@_Pfofof$foffoff$fffofoffoffof$@fPff_fofoffoffoff$fffofoffoffof$`f$pffW
_0H$L~LvLnLfH^HnH&AWAVIAUATIUSLHIH8&HA]H=|L\^HH0IVLHHH\$0HHQDEHlPHHVVH]
Lu@HLe`LHHHLHHLLHHLHvLLHLLTLHL}HHH/HL_H
LLL`H@HLHHHDHDLHLLLLHLLHHL5THLHH\$LLsL@HLMf6HHQAHHI}AVHHHH&M9uH:THHHL(D
AH
S1H8[]A\A]A^A_HHlH
SAoD$fAWAVIAUATIUSHHxHwLd$PLtHsLl$pLu:H
SAV1Hx[]A\A]A^A_DH$Hs HH$+tH$PH4$HHHHHHl$(HHlHHaH$HHHHHD$HH8HH-
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$9Mt*Ld$Ht$LLLMHT$HHLt$ LHLLHHLnrATUISHH.
uLHH[]A\H
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VWSH\JH3H3HH H%!H3HH H]%qH3PHH HHH yH1[]H[HTHHuHUHH3EHH HUHH H3UH HHH
xH[]fffff.USHHHtHxHt<tH1[]f.HtH[]f.H}uH}yH<0yH_uH3H3HH H%bw+syH3HH HU7v_H3PHH HHH
[HOqFfLT$HfArUHAWAVAUATARSHIHHHHLLH))IH?SMHzHI&HHHHIt9HsLpLILQLQHxHE1HSHxH5L>
HH5K?[HbHpHHxHHHHxA_HHp HHxgA4HHHx H@<A HHX HHI#1uBI$HI3T$HH ID$HH I3D$H HHH
HH?HAP(DH
JAvAE1HD[AZA\A]A^A_]IbHp\HxHHHPHHHH=UUULH5JWKH H
HH`LH5IYHLHH@HHpJ<H5IZHHhH`E1HH@L<HpHHH8HH0HHJ<(=
HJ<m HHhJN$JL@DI<$+9I<$IHcHHAFHANHHANHHANHH
ANHH(ANHH8H0AFANyfIIv NI H5H1HHLAG(L8 LI}
HH5GHHHHHH5GHHHxLLsHLL

LLxHMdLHpMlLL\HHPDH`HpH
FA[AHhH`H5FE1HpH5FkHhH5FSVfDH
qFAqE1THxHf HcH)1HHLJHpc$HI HJHp7JI@Hp LI_`LMILLH@LHpLHL"LLRHHLH7LLLLI
LHHHHLLMLLLHLHHqHHLLRHL~HHH,HH
TLL HL5LLLH
LHLHHHHLLLLLLLHLs LLHHXHLLHH!L;HLpHHLAFHPIAoHH@)LAoGH@)CAoG)C
AoG0)C0AoG@)C@AoGP)CP1H;DoIHpILEIAALDDEt$H IHN$HHL,H@HHDMHLMILH+HA} ??)!AQ!LD
D<VLD&HH3DI~ HQHIHH!H!H1I~(IN
IH!H!H1I~0IN(IH!I#V8H!I#H1HIN0H1HIV8LI!IL9MHHDHHHHHHHHE1ML0IH8A?fDAUII!?ADD)!AVD!D
HDWLDDHHDIAIRLMV HH!I!L1MV(I~
II!H!L1MV0I~(II!I#V8H!I#L1I~0HPH1IV8HLHL;H`H5?WHpH5y??HhH5a?'\HHPHfDH\GHHBHHHHPHJ4BHh
N$JH
>AAE1Hxl@H
>AAE1l?H[LdHSL3=LMLMEL E)D9ALIMcJHAGHAWHHAWHHAWHH
AWHH(AWHH8H0AGAW|LLEHI4HLLLHP|A,H
J=A0HxHD 1AD)McK<&HDC?)B!! D$FHpHDIHHA#Iv
I~@AH}HEMD$LHuHMHLL!H!H1HEH!H!H}L!H1HEHuL!L#EH1HEHMH!L1HHEHpHxHEHHEH H H DIH
HHH H?HHEHUHH!HUHEfDDD5 DD)!B! LFLIt$
I|$@H0HHAHHPHH!H!H1H8H0HXH!H!H1H@H8H`H!H#HH!H#hH1HH@H1LAHHIAH\HxHLPfDI}WXI}H<
0yH_uH3H3HH H%bw+syH3HH HU7v_H3PHH HHH LH@|H
9AH
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 HtG t ~DSHHH519H{(> HH59[fAWAVAUATIUSHHDHHkHxHHH58v0HIHH@@
HIE(MH$3L>H{H2HAH5(8C@PHHD$kHHIMHD$HHHHD$D|$4D$0LlHl8HH@HD$(HD$@IHt$LPHD$(IH
PHD$ LLH.IvL$IvI
T$0LLhLLLHuIL;l$ sHtHL8MHHD$0D$0@LlHD(AIEHD$I]IEHD$IELE1vfDH
a6A qE1DHD[]A\A]A^A_3;HIHHDE1HD$E1L=H<$;LH|$H55LH|$nfH}H}eH<0yH_uH3H3HH
H%bw+syH3HH HU7v_H3PHH HHH H;uAE1H
 5A<rE1E1HDHDfH
4AyAE1cH
4ADAE1|HD$vH
g4AAE1JH5C4LLl$D|$4*H
4AdLl$D|$4Ll$E1DHiQ@AWAVAUATIUSLHE1H(HtLH7H:H;HHD$;HI;HH$;HIHU@H<$HLlHEH0
HLLHHEILLHt$HeUpLMHU`I0HHLH/HM@H$ILL9H|$HM@LHHEHUhH0HdHLHHM@LH|$HFHU@Ht$HL
GHD$E1LA<D9LHu@[H<$HStNAt H
2nE1&H
|2A}mfE1H59L=7H(D[]A\A]A^A_s6E1HHIIH$LHAtHU@HLLVtHM@H|$ILLcfDHU@H4$L@HM@H$LL%H|
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=1ADE1Pu
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MJEH(L[]A\A]A^A_@H
0Ahh/E1LE14LLuI|$@LD$DhLD$DIAIcH$LhHM9E1MLLT$%5L6LHD$6HLTHTMHLLHDLTAL\$H|$
DeLT$L\$PL$$LT$HHI)cML\$;H}L1L\$LT$IL\$LT$H|$Jt%L\$LTHLTL\$IH$LpM9L$AH
^.DhzL$fDLL$5L$/I|$@LD$9DhLD$DIAIcH$LlT@H
-AdhE1E1L2zH
-
AdhE11HIt\ItTM9L$tAL'4L$LLT$L\$SLT$L\$DEE1LLT$L\$PHLTHHH)rYHL\$t$J|5H1L\$L$IL\$L$Jt5LL$L

cL$M0AL$AL$Af.AWAVAUATUSH8Ht}MHAAtA!/@II:EuuHA+
H
+fg1H8[]A\A]A^A_H
+AdgH81[]A\A]A^A_fDI@HLDDDhDDHLDIAAMcISKDHDH9MHD$LL\$DD$0L2LHD$
2HDD$L\$HT$ H}DHD$(L\$DD$HIw@H|$ DD$L\$HL$(yyA%J|HDDD$HL$HtuHL$Iw@HlHLDDAHT$
MLL-AKH
3*fgO1LD$0H|$.D$H8[]A\A]A^A_-DA%DA8DL\$DD$-I1MLd$L\$DDJHT MLLbOAV
HHL$9A[HL$SHHC@HC`H{@HChHt H{`tHtCp[fD3H{`*H{h!1[ffff.SHH@H{`H{h[SH7HC.HC%H{HC
C(HtH{tHHt[H{H{ 1[ffff.SHHsH{jH{ [`SHH@H{`H{h[SHHsH{jH{ aC([H@HAVAUIATMUHSHtHHs@HHu
MHH0HtUE1MHt(HHS`LHtWMHH01HShLLH@+HtKHs`H/HtzMu5DE1L+[]A\A]A^D1[]A\A]A^HshL1H@E1f
D*HItHMH0(E11ffAWAVIAUATIUSIHHL$H0E1MHM2Mt&HL\$LIWLH0t4L\$MHIWLLH0fDL*H[]A\A]A^
A_HtHvHHL$HL\$MtIwLHtnH<$tWIw H<$1H@E1@H<$pH1IW LH4$H0@L@E1;1E1.fDHL1)HIIL\$ff.H~
HHHW@Hfffff.HHHHO@H;ff.AWAVIAUATUS1HH(HG@HHD$HE1)H+HI+HI+HHD$+HHD$u+HIIV`H0HH
LLAt_IIVhHLL0AtBLLAu HT$H|$HLA|HL*HT(H(D[]A\A]A^A_f'HHHH
e#AAE1HfDLE1ADHLHtIH|LA_HtH|$.A@HT$H|$HLA H|$eCAHLHTIHt$L
ALE1ZAHL]HIvhLHHYf.HH~
F(1HAWAVMAUATE1USIHHIHML$HtcHU@I|$Hu*1LD$|&D$H[]A\A]A^A_fHEH(HtIt$HHHtMt@HU@I|$H
LtHEH(HtIt$HHHmMtbHU@I|$ HL>LI|$ HUAH(HtEIt$
uTHHHEt$(fDHT$$H1HIHt$H8HtHHffff.AWAVAUATIUSHLH8HTHL*E1HAH%Hc'HIX'HHD$K'HHD$
>'HHD$(HEIU H0HHLHLHEHLHt$H 5HEH(HHTHt HH|$t"HEIUIHL$ Ht$HtkH|$HEH(IHLHT
Ht$(Ht.HEE1IUIHL$(Ht$HAHx%L#H8D[]A\A]A^A_fD"HHtI`H
AjE1lf.H
YA.E1<gH0HH|$tIUHHt$H/H|$t_HEE1IUHHt$H0AIHU@Ht$HH|$
8DADH|$tIuH|$rHH|$tIuH|$E1PHAtHM@HTIHt
H|$(#Lfff.AWAVIAUATHUSHIHHHAHEE1HHHHD$HE@HT$(HD$H*"H#HHD$#HHD$
#HHD$0#HHD$8t&Au(IUHHtHHDucH"L HHD[]A\A]A^A_f+ HHtIYI~ 1AAF(DHTHtH|$ tH|HLHT$
HfHU`HLHtH|$ FAM(IUSIM IHtHHD(I~
HTHtAF(IUHHt$8HHD$IUIHL$8Ht$0HHD$(H|$0HLHHTHt$0H|$yIvHHT$
HHD$[I~Ll$HL$LH:HHT$8LHHDHLHt$H|$8oLl$IVHL$Ht$0LlILHT$
LHHD$(I~HL$E1HT$8Ht$)AfDEpIUHHtHHDdHTHtH|$ [HH|HLHT$ H|)IU HHt$ HHDHt
HHHDHHt HM`IHHD$(HH|$ HLHTHc@IU HHt$ HHD$IuHL$HT$ H|$gIuHL$HT$ H|$0GIHL$0HTHt
HHD$(#HT$Ht$ H|$H|$ HLHtH;H|$H!HAWAVIAUATIUSHILH8HFLn HD$HBHD$HFHqHI HD$HBHD$
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(tH|$IN@HT$HtHt$ IHLHtIINhIHTHt(LtIIO IIWLLRIIHL$(LHt$L.H|$IN@HNIN@H}HT$Ht$
OIIHL$LLLIIHL$(HTHtLIN@HT$LLIN@H}
LpLL;]E(AD$(AG(=AWAVIAUATLUSLHIHHHL$8HaHIVHIKHHD$>HHD$1HHD$$HHD$(HHD$0
HHD$ IIL$IHULLIIL$ IHU LLtaIIL$ IHUHt$Lt@IIL$IHU
Ht$LtIIW`ILHt$Lu!1HHH[]A\A]A^A_fDIO@HT$LLtIO@HT$Ht$H|$tIILHT$LLtIHLLLpIO@IwhH|$ QIILHT$
LL/IW@LLIO@LLLIO@HTLHtAIHLLLHD$8ILHt$LHHIHD$8ILLLHP IuIO@I|$LHTWHD8It$ ILLHP
I/IHUHHtLLlIHHU LLIIO`ILHtLLl(IO@HU
HuLIHLLLH|$(IO@HT$HmH|$(IO@HT$HOLl$0IO@HT$Ht$L,IHLLLIIHL$(HT$LLIILHT$ LLIO@H}LHt$0
LtLl0IO@HT$LLIHHT$LLgHt$ IILLHEHt$(IILLH#H|$(IW@H
H} IO@1HT$(Ht$
@ffffff.AWAVIAUATIUSIHHQL LHHIu9HtRIt$@HuH
AnLH[]A\A]A^A_DI$L(MtLHHLAtI$Iw MHLHtI$LHLLtIwI$MLLHeI$MHLLLDIwI$MLLH"AG(fDH
qAA1UAWAVIAUATE1USHIHHHT$LLXHHu%fDHAt9Hu@H]uE1LLHD[]A\A]A^A_@HEMHHT$LHtHU@
LLL`HtFHEE1MHLLHAfDE1HII!nH
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Ax*#8fffff.USHHHHv@H@Ht:Hu`H{`Ht(HuhH{hHtEpCpH[]@H1[]ffffff.USHHHHvHHtBHuH{uHt0Hu H{
cHtE(C(ECH[]fDH1[]AWAVIAUATIUSHHILH"H*HH$yHYHHI-
I|$@HHI|$@1SHHLLI$I|$`H(HHHLLI|$hHHLhI$H(HtIt$hHLHL*toIt$@L*AD$pPfDH
Ag1H[]A\A]A^A_LHBD1HD$:H<$AD$H[]A\A]A^A_fDsH1HtH,$oSH
HtFHtALHLHTHt$H<$HLHTIHt$H<$H [IH
ACH 1[AWAVAUATIUSIHHH8LH;~ED$(EtA}(PHHH$HLHL$HHHHD$|HHD$ oHHD$bHI~Au(IU
HHHAZIT$ILHt$HLL$A7HD$HD$(AL$(IT$ HHt$HAL|$ IUIHLHHDLH|$(LAU(xIM
ILLHHDITILHtHHDtzAD$(=Lt$IL$ IHLd$LLAtKIUILHt$ HAt2H|$(L
H8[]A\A]A^A_@HD$7H<$>D$H8[]A\A]A^A_CH8[]A\A]A^A_@SHHt|H$fIuI|$RjIuI|$<TID$HD$($fM}`ID$H
D$(M}AWAVIAUATIUSHLHhH9HIbLHOAHEHHD$HHHD$ HE@HLHD@HH]
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HHt$HL\$ AAIUIHLHt8HL\$AAHDIL
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HLLH1AH
H|$HhD[]A\A]A^A_@LHhL[]A\A]A^A_wHhL[]A\A]A^A_:f.HHtHD$LfE1pIt$H|$(QHPIt$H|$09H
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LAILHT$(Ht$8HHD$AI~HL$@HT$8Ht$AIvHT$@H|${ALlHL@Ht$8LLALLIHL$XHLl$AAoLd$PIHT$HH
LLAAKILHT$0Ht$(HAA*H|HL@HT$(HKAH|$&uiI~Ht$E1a
AI~
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Ht$PYHSH|$H>H8USHHHtH[]H{uH{Hu@H[]HDAWAVAUATIUSHHAH8HEE1HHLHE@HL$
HD$(HHHHD$HHDHHDHItITHHtHAu,AHLH8D[]A\A]A^A_@AT$([IT$
HHt$HAtHHT$Ht$HAtIHL$HT$LHHD$ wEpOHM`IHTHtHHD$ IHDHL(HT$HHc'Ht$IL$IHHD$
HHUhILHtHHD HL$(HT$H|HITHHt$HAHt$H|$E1AHHILt$HU`HL$(LLKIL$ILLHHD$
+HUhHL$(CHT$(Ht$H|$H|HL(HTHHDHL$(HT$HH<Affff.AWAVAUATUSHF(tH[]A\A]A^A_DIHIruE1M
t\LLLIHt"MHLHLHDLLu2LLwD3HIaIfMLLHL,t](tH
ADfAWAVAAUATUSHHHH$HIHHHD$HHHHDHHDt,HH5NE1HHD$
9GHIuAHE1H|$HHD[]A\A]A^A_f.IEH9I[HKuE1HH|$I<$Ht1 I<HtHH9uH5JLeFtE1HH`HDfHD(H$HHx
;II<$H8H(HHLGH$Mt$LHHD$ H|$(Ll$8H\$0MLI5fDHIUIIuLHH It6HIL9taHHx tIuI}HuH\$0fDH$I<$HHp
tHBfDLl$8H\$0HD$ HHt$LITI AIH(Ht8Lt$HLLL!IHLLL(MH\$ LtHCDJILLLHH ItNJHt$Hx Ht7ItaJHx
]uIKTILHt$LuH\$ mH
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HLL2Ld$H\$2 HHtHHx HLd$H\$A{KAWAVIAUATIUSHHMH8H~
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ADL(LLHLHDLILHDLHDLHD$ HHD$(HS@HuH<$HHM MIWHt$HHIM MIW
LHxHMLHT$LHtZHMH$LHt$Ht;HHM MIW LHtHLLHt$HufE1LKHS@HshH|$ tHt$HMHL$
HHtHHK`MLHt$(HtHHMMIWHt$ HwH|$ HK@Ht$(HYHHMMIW Ht$(H5HK@HTLHt(Ht$
HMLHHLt$(HK@HT$LLHLLLHHIMMLLHLt$HK@Ht$ LLuHIM MLLHTHD$HK@HT$(HH3Lt$ HLIW
HLHIM MHU Iw HIw HMLHHIw HMH$HHLt$HMIO IwHLHIW LLHeHLIwE1MHT$HA?fff.H@HG=
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IPH5?99HHID$@A9H
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lWf.88HHID$@t8Hl#K7HLffff.AWAVIAUATUSH1H8H\$ HL$(HT$HuH8[]A\A]A^A_HcT$H1A`HHHpHHD$
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rk1HD$_D$H8[]A\A]A^A_HL$(HD$ D$HtHEE1E1D Ht$11i|$@A;w@H5)FH%HI>EA
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A&Q+f.H5_L\HI@H{PH46 R5{@LLoHf@H88u H5A1L DH;11<HHs@H;HHCCk u,Hs8H;wHHCH=Ao$H)D$
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Ag&O4|s IP#5 H5|L/SHf.H
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AfA&NH;HCHCH
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AHH=DLLHNH9u
DHLH=QHNLH9u
AHH=LLHNH9u
AHH=LLHNH9u
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HLH=.HNLH9u
HH=7HNLH9
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fSHI,HHLDDVt
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ACs&1=ff.HATUStGL%(S@HI<$Ta HHtI<$Wa HH[]A\H
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Ani&17<I}.` H[]A\A]H
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4ABu&+1fDH

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Aau&*1fDH
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I<$EAGLl$HDHD$fDHH9\$I<LDHItwI~H I~H
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DAUATUSH(H?HBL%s9@I<$G H;Ht:H,$HHt'HxHt>t5H]E
1I<$uG BH(H[]A\A]fut+ ?@uHUu)DH}Dn
HHu1@H9]mH]H}Ht1>H]DDHHH4HTtH5HHH=@T@Hyt AWAVAUATIUSI1H(HD$|$H$L- 9}TL/
H1L$H4$HUPLt$MtM~LA;EuIuHcLuImMuH([]A\A]A^A_fDHH=@QHGPHtGS11HHHT$AE~HL$H5H=@E1H
H[f.SHtHfHH@HHu[fDHGPHtGS11HHHT$AE~!HL$H5kH=@AH6H[f.H=@fHGPff.USHHHt#1Ht$HtHD$H[]D
H
9AYe&g
1HwPfDHGPHtwAUAT1US1HHHT$~M1IL,fHI9t)HD$1LHUPtH<$HI9uH[]A\A]fffff.AWAVAUATUSH8HoPH
t$HHAuH}A11HT$ HE1Ll$(HHD$IcHD$
fIL9|$tUHD$ 1LHB8SPHl$(LuLD9uHT$Ht$LuH8H[]A\A]A^A_1fff.USHfH(H=9@Ht$H58@)$T$C
t_H;@tRHC4@H;sB H=@H5HHHtHHEH;\B HD$H([]H
AA&/H(1[]H=)@@HH=@HG8HtGS11HHHT$AE~HL$H5H=@E1HH[f.SJHtHfHHpHHu[fDHG8HtGS11HHHT
$AE~!HL$H5H=D@AHfH[f.H=@fHG8ff.USHHHt#1Ht$HtHD$H[]DH
AJ&1Hw8H=@4@HH=~@H t)HH
gH5H=Y@E1Asf.SHtHfHHHHu[fDH t)HH
H5XH=@AAf.H=@ffffff.HG ff.Hw
H=@$@HH=v@HG@HtGS11HHHT$AE~HL$H5H=4@E1HIH[f.SHtHfHHHHu[fDHG@HtGS11HHHT$AE~!H
L$H5H=@AHH[f.H=w@bfHG@ff.USHHHt#1Ht$HtHD$H[]DH
!AJ&1Hw@H=@@HH=@1Ht)HH
H5H=@E1Af.SHtHfHH@HHu[fDHt)HH
H5XH=I@AAPf.H=!@ffffff.HGff.HwH=@t@HH=@!H(t)HH
H5H=@E1Af.S
HtHfHH0HHu[fDH(t)HH
sH5XH=A@AA@f.H=@ffffff.HG(ff.Hw(H=@d@HH=@HGHHtGS11HHHT$AE~HL$H5H=@E1HH[f.SHtHfH
HHHu[fDHGHHtGS11HHHT$AE~!HL$H5H=@AHH[f.H=@fHGHff.USHHHt#1Ht$HtHD$H[]DH
ALe&'1HwHfDHGHHtwAUAT1US1HHHT$~M1IL,fHI9t)HD$1LHUHtH<$H6I9uH[]A\A]H=@4@HH=@H0t)H
H
H5H=@E1Asf.SHtHfHHHHu[fDH0t)HH
gH5XH=@AAf.H=@ffffff.HG0ff.Hw0H=@$@HH=@Ht)HH
H5H=y@E1Acf.SHtHfHHHHu[fDHt)HH

[H5XH= @AAf.H=@ffffff.HGff.HwHHH1H_Cy
5HcH1HHHHHHBH)HvHH1DHH1H9tH9fDH11u1+@Hf;6 HH9@tH5H=QHH@uH=@6 H@fH=@H1@6
@HfH@tH=@6 H=@J6 H=@H@Hx@HAWAVH5AUATH=j@USH/6 t
)@uH[]A\A]A^A_fH=1@5 H=?@t#H?@H= @HH=H;uH=@{5 H=@O5 H=7<@t&H.<@fDH=@HHH;uH=@35
H=@HtH=@H
HHBHHuH={@4 H==@t%H=@DH=Q@HHH;uH=@@4 H=/@H$D$4 b;@#L5@H-@1AfAIAD
I>IFuAHDLH)uI>uH(I@HHLlI.HLFM) DIA}K\%h[uImAEHDH=A@:@3 HLH=#@3 H=@t#H@H=@HH-
H;uH=@k3 H[]A\A]A^A_USHH@tfHHtH@H HHBHHuH=@2 H;tH=i@HHH;uH=X@2 H[]ffffff.SHu[H=!@2
H;tfDH=@HH5H;uH=@s2 [fff.SH=@HH5^2 t
@u[fH=@2 H;tfDH=@HHH;uH=p@1 [fff.H5H=R@2 ffff.SH5HH=.@H1 tQ@tGHH=@H$>1 H=@HOH=@H`1
HtHCH[H1[SH5HHH=@Hu1 tio@t_HHHH% H=i@H$0 H=Q@HH=J@H0 Ht
HCH[H1[ATUH5SHH=@H0 @H=@AHAH$0 H=@H(H=@H90 HtHCH[]A\H=@McL$$/ H=v@HH=o@H/
HuH1[]A\ffffff.HufAWAVAAUATAUSHIHHHI.IHI?AHIHLLHLLHHL$twHHHPHML1}LHUYH9^tH[]A\A]
A^A_HHMt$MHHL1|XZL$Hd@LLLLD|LDLLLQLL$`HL@1LLL$]|LLLl
HL@1L2|ffff.Hy@SHHHDHAH[fff.SH=|@. HH=g@H1y. @D@HDLHPLTP)XTB\X[`\td`hdlhpltpxt
|xu/|HH53[!([fDH8H5
H8HH5H,HH5HHH5xHHH5RHHHH5"HHH5HHH5HHH5H}HH5bXHdHH52(HKHH5H2HH5HH H5H
H(H5rhH(H0H5B8H0fffff.fffff.AUATUSH1HD rtSH5H=@H) t<>@t2H=g@n)
HHtHt0DeHH[]A\A]fDH1H[]A\A]H=@H-) tH5RHHIvt)H=@L(
t1LqbfA@ADA@AHADALAH_APALATAPAXATA\AX[A`A\AdA`AhAdAlAhWApAlAtApAxAtA|AxuZH5xA
|!L`H=
@1"' IH5?5I3I8H5
I8I0H5I0DI(H5I(I H5I IH5zpIIH5RHI@IH5*
IIH5IIH5~I}IH5~I<IH5~IIH5b~XIIH5:~0IyIH5~I8IH5}IAVAUIATUASEHH@DNDAAA)D;DD@tdAMcJA ND
MIx@@Du=B@H[]A\A]A^@AQ)DDIH5|HDHDLc@JSH@HD@HC@H'HDCHCHHLHCHCPHQPLCHCXH
TPCHC`H{XTCHChH\XCHCpH`\CHCxH:d`C HH
hdCHH^lhC(HH(plC,HH,tpC0HH0xtC4HH4|xC8HH8uD|C<HHH<D[DH8H5xH8H0H5xH02H(H5rxhH(H
H5Bx8H
VHH5xHHH5wHzHH5wHHH5wxHHH5RwHH3HH5"wHHH5vH]HH5vHHH5vHHH5bvXHHH52v(HHH5vHG
AWAVIAUATIUSHIHHH@AD9HcH4)HcLA@L<HIG@DIG@t$MtIHHUAUMIH8MI$ti@A]@H4H@HA@H
HAN@1H[]A\A]A^A_A@
A@DHH5YtOHc@DHHCfDDA@uhH4H@HA@H;fDH=MI<$&AHH5sHcD@HH^fDIH5bs7HD$L$OIHD$L$f
DH=H}AESHH@D9HcH<u8)HcLAHD@H[f.@uWH<H4@HF@HqN@aDH1[HH51rHD$"HD$Hc@DHHe@DA
@u@H4H<@HG@HfDHH5qHDHDHcD@HH|@SHVH@D9HcH<u0)HcH<HD@H[@u_H<H4@HF@HqN@
iDH1[HH5pHDrHDHc@DHH]@D@uAH<H4@HF@HHH5oHDHDHcD@HH{@AUATIUSHHHH@DA9H
cH4ua)HcH<HHHB@t$MtHHUHUA$H[]A\A]@u_H4H@HA@HJAN@7@H1[]A\A]HH5nHc@DHHgfDD@uA
HH4@HF@HHH5nHcD@HHfH=H}A$AUATIUSHHHH@DA9HcH4ua)HcH4HHHB@t$MtHHUHUA$H[]A\A]
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HL,HIE@DIE@t$MtIHHUA$A@A@H[]A\A]A^@H4H@HA@HHAN@H1[]A\A]A^IH5Rh7HD$CIHD$KfDHH
5hHc@DHH3fDDA@u@H4H@HA@H3fDHH5gHcD@HHH=KH}A$WAWAVIAUATIUSHIH!HH@DA9HcH
4)HcH<HHHB@t$MtHHHuAuMt#HH#MI$t
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MI<$AHH51e'HcD@HHefDH=H}AEPAWAVIAUATIUSHIHHH@DA9HcH4)HcH4HHHB@t$MtHHHuAuMt#
HH#MI$t
@AH[]A\A]A^A_@ugH4H@HA@HJAN@
@H1[]A\A]A^A_HH5cwHc@DHH_fDD@uaH4H@HA@HdH=MI<$AHH5bHcD@HHefDH=H}AEPATUHSt1

HD
BRu1[]A\H5H=w@ to@tH=w@ H=w@HEH tD#fffff.HtHH=w@ fDSH5H=qw@< t
4o@u[H=Aw@ @H=/w@Cr@
[DAUATIUSAH[Ht#Hc@H,@u"LD@H[]A\A]HH5a4HDHDff.AWAVRAUATAUSQHHt$H5`HEIAP11HL$/
w
HAHL$HAHPHQL8MLD9~*sHS``LDcHcHIIcLLHhA9sHt;Hc@H,@uOL@H[]A\A]A^A_fDjHLH5_[]A\A]A^A
_fDHH5_4HDHDL=
BbHHt$(HT$0HL$8LD$@LL$Ht7)D$P)L$`)T$p)$)$)$)$)HHtHDHD$ DD0HD$Hfff.HH1HtHc@9Dt
HUSHHDH@9Hc[HH@HB@HPN9@tOHcuT@tHH5]Hc@DHHhH1[]H[]fffff.HwH1Htb@DDD9tPHcu8At^Q<u
<AtHQ8u~D9tHctHfD1VII)VHcH)L~L9wtAHtHcfDfSHt{Hc@! <[Hu1H@[tttttt-tt ttt@tt>sQfY7,LZ?I20J% <m
?KYHHHUHAWAVAUATLSLLLHHHHH
HHHLLLLHHHHHZLLHP1>NHHHH!%tHHDHVHDHHHH)ZY%He[A\A]A^A_]HmLLHHZPHP1MHHHH!%t
H@f.HH=&1S1xHt#H=HHH[(~[USHHHtHH[]HH1[]AWAVAUATIUSHH$~HIMHHH~A|$AD$=E4$AD9A)E<
@A9AD$D=AD$A;$
E)E~uHDHIt(kAH\
f.E1HD[]A\A]A^A_I|$
ADIAD$4Y$MIt~$E1=ADNHDt$}AD$AA)D;4$Dt$McsHcEDIt1A|9@<rAD$LLDAATII|$([=AA$LD$
A;DbADPf.I|$
DDIt(LL&XE4$AE;t$LcD$EMEAD$~i15DA9gA)AD$=AD$7A;$E~0HDHIt(^H$O$EDDL$)$$I$8AD$z<$I|$(
LdRDZ=AA$aA;D$H5UH=OV=DH5UH=Vi
H5UH=JVkH5iUH=VlH5QUH=UH59UH=VH5!UH=VEALIs0ufL$tAUA$uDADAxIUILHIT$ILHLH)H)
HAUATALLH5`TH=TT$ALfLmH54TH=TH5TH=}TH5TH=U{H5SH=TasH5SH=S_[H5SH=T`CH5SH==T+H
5SH=SAWAVAAUATIUSHIHxHHHtQHItIAUAA
ALLDHL[]A\A]A^A_1H[]A\A]A^A_A
tb|KAeuHxLLeLHHDHDfDKUH[]A\A]A^A_S9)S@LL
:SL{(9t11HxLS9uH&xtASHLVHC1fHfCH{
RH{ HCLUST@HCLHCLUC9|U)HcTLL
,fLLLL
H{ RuH5PH=QH5PH=|Qjf.USHHHH<HHH[]ifHt[USHH
vH1Ht6H} QH5kPgH1Hu1HuH[]fD1ffff.USH5PHI
HHtLHHHCvPHHC t]HHRuHeuH[]fH
OAJA/H1[]fDH5OHRH1[]AWAVAUATUSHXHH|$H4$T$HtHHHHD$ HHu}EHcM9
t$)9ND$0= Hc\$0L4$Ht
(LHID}H)\$D;}H$D}uHEt$~MD$8H|$vD$0L$8EL$0HX[]A\A]A^A_H|$JD$0D$0HX[]A\A]A^A_H} EHEE
TET$~E~D$0LD$8LHD$<HDLHD(HcEH|$
H)StAhED]ADeE!A}H|$Lu(msELLADWA~AGH=[E9tE)McLJ=IcDe]]D$H<$L9NLcL\$09]]uHE)\$L$$D$0] H}
ELHLRE]E]uH|$arDUEAD$LADDd4MILIDH@AD$IAE)H9AHEE){
uET$EuI|$ HT$(It$(ALDT$E)L\$QL\$DTDLLI|$ EED$EAnQE)H9IrLDd$4E9D$LM9L9L)ISI9HI9
|$<S9z'AlACNAC0AC :AC
NAC0ACAC
AC AC
AC
ACAC
AC
ACT$<A1A)MHE1AAo)HA9wDD9tHAH9]fDE@H|$
1oEDeDd$8E1hDEj@LDd$4M9LEL)A)EEHI9ICI9RAHL$<AWA9v(ABAC9ACAC AC
AC
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AC
ACAE1A)I4HE1A@o)HA9wDAA9t#Mcf.CBIE9L\$LEL\$xAGH=t-LDd$4H}
ED$8`AHHEADd$8AO1H@AHH9u<AAAAAAS1HAHH9umAcA XAMA
BA7A
,A!vl b
XNDH5DH=FtH5DH=nE\

HIS?USHH
}HtHH[]HyH1[]AWAVAUATAUSHIHiHI|MttHHtlHjAWE7A)EffDAWA)EAW~NHcHIt0DnHD$}D$H[]A\A]A
^A_1H[]A\A]A^A_MtE~IG0AGDlHDD$AIHt$LL=DNEn[D)t$McE7MAGE~[1A)AGEAG~@HDHIt0nHD$|D
$D)A9D$E(fDD$IEH|DHD$hAGD$ff.AWAVAAUATIUSHIHgHHzH-AI~NAe&AqdA7HCHI$gAA
vHC0AHD$C9u;CH{Ht$HCC]HHC~gC9t11H"yHLf.AuzH{HHCskH{E1111A^FfD1H[]A\A]A^A_A
u"+CHHLL
fLLDHL[]A\A]A^A_tHcCf.L8fHMHHEsHsHcHH^LHD$
fHD$B+CHH2LL
iSLLIH#fLLeLsHHDzHDfLLLLHt[USHH=eH1Ht;H}LH3AcPH{1Hd1H
eH[]1ffff.USH5@HDPH{Ht\HTLHHCt{HPHHCCHC HC(sdHdH[]f.H
i@AEAOH1[]fDH59@HKxH1[]AWAVAUATUSHHHH|$TIHcLIvMHD$.H%AE1~>IcVH)It09NLcLLD)GAFM
DA;AFuII~gED$$AFHD$<IN HD$(IF(H9H)AI~AALENM~0EELU(IN AMcAFLIN
?9OA7HcHLHHL$ENHL$EnD)HAVIN IF(H96IPH|$Iv Iv(|cAHIF(IN
I~AD+l$$HT$(EHE9ENTHcT$<E)AH)EIN McI~LIN
fH|$1bAFfE1HHD[]A\A]A^A_?H\$HaHuEuEfH|$auYE~I~M~0LLWAFAFASf.IF(IF
tH|$E1qaOEuE_H\$HMaHEu#H9J?AWAVIAUATEUSIHHH$`HHH)aHIIcE1HD$ILHAH~WHJ`H}L$1ELLXt.L
D$LHAAH[]A\A]A^A_1H[]A\A]A^A_H_H}L$1ELLWUSHHrHtHH[]HxoH1[]USHH
H1HtHK_HH
_H[]@AWAVAUATIUSHIH_HIronI~9xt`pLLHL[]A\A]A^A_metRuH^EH1[]A\A]A^A_@H^tLHQ^<f.H^LLeLl
HHDrHDH[]A\A]A^A_H
^kII$f.M4$H]H[]A\A]A^A_L]LH#H]hfD1LL#HHJHHD$f]HD$.@I61LHHLLYUSHH]H19Z~H[]DHT$HH!~
L$H[]Ht3SH\HJH1\H1\[1DAUATUSHHtyHIt\HIyoMt\HtWLH]Hh\t~HcLL
~5H\HpH[]A\A]@1H[]A\A]@HAVAUATUSt6~2HI[HInMItHuH[MuM1[]A\A]A^LHaH[t'~#HcLL
uH[1H[Ho[]A\A]A^fffff.H E?USHH nHtHH[]HjH1[]AWAVIAUATIUSHHZHImI;)@~fIcD$
H[]A\A]A^A_e?opHwZH1[]A\A]A^A_fDHIIDIDIDLID$ ID$0LHL[]A\A]A^A_#hI|$(1LqjHYf
uAL$0tI$I+D$HLLfDAT$0At$ LLUfDHYLLLehgHHmHH[]A\A]A^A_f
LbfHXHH@(HH$eHmcHH<$Hs<D$HQHS;HK8HHK9HHK:tHH<$1Ht8u1HX1DI|$(&eIEHcD$C0HAD$0HI$ID
ID LLfff.Ht[USHHWHx(HQH3HnH1WH1WH[]1ffff.USH53HHmHtD@ @4HHHC(tUH13WHHWH[]@H
A3AAH1[]fDH53HkH1[]ff.AWAVAUATUSHxH IHVLIiMHD$HLVD$zHD$0MHD$ AF
\TAV0ItGIVH)It89OLcLLD)D|$M~M;>M~IH|$)It8VHIAF40`LUIH@(HHD$\bH$`Eo8LcAEOTM9!H|$Iw<LLT$
(LDHt H|$1trLD$Ht$
IEK|/<HD$L!aILT$(IGAG0IGHD$MWI@H|$1LL$gL"ULUDD$D$Hx[]A\A]A^A_DLhTIH@(HHD$4aHHD$^H|
$LcJaIIA+GCT-
Ht$9VAF4uDIVIFIFH9tKH)It8I~8IAF0f.LCTL;h.fDIIGLL$LIt8L7MIt=8DPPp1DAHI9wEAyAqAQMoH|$H5/4q
Ht$
H|$1XIOHt$ LI|8HLHLIMouQIAG4HL)I9tKt/8I8HHLHLIIG}AG SAG
`fffff.AWAVAAUATUSH(Ht$HHRHIMeMIaHXH@RHAv4\$H{RIIFAN0AA)%E/HAV0IFE)IFEIt8DLWAHfH

RuAF H(D[]A\A]A^A_@HXQIH@(HHD$$^HHD$[H|$Lc:^ICD-
Ht$HIH=H|$1LLtLLDL&HRQfE1RIH9AF0uIIFH|$tLc|$ILH=vp))LcLLlI|8LLMILl$LH=IwBD$.HAPHdfD$
fDHOLh(IL\HZID$Iw<LHQHAW;HAG8HHAG9HHAG:5tI1LIt8?u"HE1OHOHcD$AG0IILL$LI|8LMMO\8tDC|
8EK1ASAsADADEHI9wGL8A{AsASM/H|$H5L+4bIH|$1It8fM/IG0fffff.H8?H7HyZHry]HeyHXyHKyH>yH1yH
$yoHyH
y%HxH*H=*%=H|*H=*
=hHxH;vH="v<H#vH=8<HxHvxH
H=&<H*H=*<H9xH,xH)H=)T<H)H=)<<HwH)H=)<H)H=);HwH)H=);HwHwHswHfwHYwHLwH?wHf)H=h)g
;HN)H=U)O;zHwMHvPHv#HvH)H=);H(H=WG:!HvY!Hv\!Hv_!Hwvr!HjvH(H=(:H(H=(z:H-v
H v
Hv
Hv
Hu
HuHjH=x:HjH=%(9HjH=(9H(H=(9H(H=(9oHguBHZuEHMuH@uH'H='h9H'H='P9H'H='89#HtHtHtHtHb'H=e'8H
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FHrEHur0FHhrCFH[rVFHNrEHAr\FH4rFH'rHHrFH
r(GHr[GHqH
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HrnHenHXnHKnH>nH1nH"H=#"Y2H"H="A2Hm_HmHmUHmXHHmHYHmzYHmH^H=!1\HmaHmH$fH=s!1
Hl!H=n!p1K\Hm\HvmHfH=G!>1HeH=6!&1`H9m`H,m`Hm`Hm}`Hm`Hl#lHlHlYHlHl/cHl2cHl5cHl8cHl;cHl>cH
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Df.HH{H2!HcpDUfH530Tf.SHHH59[2SfAUATIUSHHHKH{HHHH9ETMxLTAuLHHLcHH9HtHcpDUCH+Hc}
DdH{ HE1I&nE1tfHD[]A\A]@H9H
AsE1+fHH;tH{ HtCu[H+HEHH[]A\A]H
YAXPf.H{ HA.}(~HIHCH{H{RHCfDHE H5HC(WRHHC H
AAE1H
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USHHrHXH[]ffffff.USHH@tiHw`1HHPHtLHHHP(HHP8HtHHGHHcpDH{H[]H
A1H[]fff.ATUSHHHHHHH~HtOHEE1H9H?oEHoECoE
C FHCH}HC t$HHcPDtMLcHuLH} HE(HHC(tgHHC HH@0HHHH[]A\f.H
yAon1H[]A\@HLcEf.H
)A&nDDDH1@H5Hc\MHIHCtHHcPD@YH
AAn11fffff.USHHHHHH[]fffff.AWAVIAUATIUSILLHHT$
I1Mt1LDHHL$u(1LD$D$H[]A\A]A^A_LLLtHt$LLfff.L1Mt&M@HMtHAHfATUSI;Ht*HH[]A\fLh;HHHtH9t[1]
A\DHHHtHH9uHH@fAWAVIAUATIUSIHH:LHHMt?:HD$n=DL$IHLLLAH[]A\A]A^A_K:LHu%(=MIHLLLg
=MIHLLLef.AWAVAAUATIUSIHH:MHuHuH[]A\A]A^A_HH?H@tEH?HEL<4HH%H?L=o?HLx<LAm<HB4H
cHLHM/HLH;AoE<4HHL=?L^fDH?
fff.AVAUAATUHSI8HIO8Hg8HCHO?w E@uNi;4LL'H8?I$1I$xL[]A\A]A^;4LLH)?I$1uHc?H
Ag
1[]A\A]A^f@uJ:4LL#H?I$1<fH?'@t{V:4LLDH?I$I$@:4LLH?I$Hc?I$fD94LLYH?I$Hk?I$qfDAWAVAUATIUS
HHIHA6HA&9HIk6EMHLLHd[H[]A\A]A^A_AVAUIATUISA*6LH5H5LCwEtW84HLdH?Ht]HxW[]A\A]A^D8

4HLdH?H1u@H?HyH
zA&p1[]A\A]A^H?AWAVAAUATIUSIHH5MHuHuH[]A\A]A^A_HEL74HH$cH5?L=?HH?HL7LA~7HB4HcH;
cLHMPHLH6AoE,74HHbL=
?Hs?LHWAWAVIAUATIUSHHHA3HLc3M9w2IM)LHLHLLAHL)I9sH[]A\A]A^A_ff.AWAVIAUATIUSHIHA
3HH6LHD$5HIHAWLLLLL$t$H5H([]A\A]A^A_@AWAVIAUATIUSHH(HT$2HH5LHD$a2HAF5ATAWIH|$
HLLL$,LGt$,HK5H8[]A\A]A^A_AWAVIAUATUSHHHHHT$
HL$*2 HI*;RHI9HHD$Ld$ H<HH<HD$(HHD$HD$<HD$H4MHD$<e1HAJ4AWAVILL$
LHLHt$LHJ4HY^HIH;l$uHHT$(H!D$HT$
H|$uHH[]A\A]A^A_fH3MHD$<0HA3HT$AVIATLLL$LHH|$0H%t$LH3XZDH3MHD$<e0HAJ3AVATILHT$(
LL$L@AWAVIAUATIUSHH(HT$_0HH$3LHD$0HA2ATAWIH|$HLLL$,Lt$,H2H8[]A\A]A^A_AWAVIAUAT
IUSHIH(2HD$/LHMt^Hn2HHD$Q2ATIHLLLHD$$PLL$0Y^t$HR2H([]A\A]A^A_fDLH
2HHD$1ATILHLLHD$$PLL$XZAVAUIATUISHc./H0
IHcH@EEAAuIcHcLH)IapIcIIAIEII(@MAAI[]A\A]A^EwAE|@1[]A\A]A^D~A)~IHcLHoE]EAAuDEEtEEtIcIIIc
?97HHH)ILnIcIHtHxHtHt|HtnHt`HtRHLD:;f
I$IU8AT$AU@AT$AUDA
AECffvAMPu_PAUDAEC8wA9jII(L9tH5#;H5Hc<HIAH
A1DEAEAIE8@@AU8@A$D(fAD,rL8+HIHtL9(HI(M9ttIcH5w$;HH#IcIHl@fDAI(LcIE8sn@+tA$@AU8DA%
DIcILkAD1I$I@IUIILHLL)I)r1I49It
rkAxIU8I$HLILIT$HI)DL)1H<09H<2rAI)H1LA$AU8ALLAU8A$D(AD,DALfLAUATIUS1H(HtEHHLLo+I9tH
H5
8H[]A\A]DAWAVIAUATIUSHHHq(DEIrMML!ULMHHvHv?I9]LLLgH[]A\A]A^A_fDH'M9IH}LHAAH[]A\A]
A^A_@EeIcxrHu8Iu^AH[]A\A]A^A_@MHx?HI9u
HLLLP[fDIcHE8MHLHD$uIIHMMwHv
L;?LLHLHl$LHNI4HmfDHLLj"Hu8IAA1KfDMHv
L;?LHLLI4LCfLLLzfHLLLWCIH?I9hApLLLHlII4,I</HM@MH)
PHHI8MH)IIfDIHv?I9hApLLLHII4,I</HM@MH)OHHI8MH)II!HLLLuw}HLLLgYH?I9htGLHL5?*H?I9htzLLH
L?@HLx111LIM@MHLLNHI8MH)II111LHIM@MHLLYNHI8MH)II4AUATIUSHIH"HHuMuH[]A\A]MAuhH
T?LHL@u^9wHJ?HLHHtaHcHLeH[]A\A]vH?HL9Hb?HHutHHtfDHct7HHH[]A\A]@HHAcffffff.AUATIUSHIH
H!HHuMuH[]A\A]ML$4LHLOH?HL,H]?HHHcHLH[]A\A]Hcu7HHHbH[]A\A]@HHqqHHa@DAWAVIAUATI
USHIHH1Ht"HtMMuIw1H[]A\A]A^A_LHMt9L"HILLLLAH[]A\A]A^A_#HA"HEMLLHpAVAUAATUISH?HI
HcH@D)AAEv1[]A\A]A^fE[]A\A]A^A
uHj!I$HHAT$PAT$PA
?!@H.!@ fzHXuA9Y)H HfP XA1fAAAA[]A\A]A^DLIHHHL9HHHPAIIcLiHzIA\fDAJAE=HtUM(EA
HA$fDfDMtAHhAs2AuxEtA$AzDALfLgI$HDILHLHPHH)I)D31I<49H<2rA$DALLffff.AWAVIAUATIUSIHH(
DEHMu1MtH([]A\A]A^A_DMLRH:uu@+HHcHTHTLHLPL[HLPLLLLKMRY5HM9HLHcHI9HYH9I$HHP+
HHcI)HTHTLHLeKpHcHIIHTHTHLaLHLPLLLLurM`HcH\$LHeHHcK44HH(D[]A\A]A^A_f.MgbXHcKt5
LeHtH([]BD0A\A]A^A_fM'uMuKLLLZKH(D[]A\A]A^A_HHI$K@LLH([]A\A]A^A_fM^tIHcLd$LLdHt-
LcH.LHLuADuLL5HrfD+R2KAD+HLHLMcLHD
DQf{KAVAUIATUHSIzHHuMu[]A\A]A^MteH?LL@34HLkL?HLGHPHxAD+LHHMcLX[]A\A]A^4HLYL?cA
VAUAATUHSIIWHHuMu[]A\A]A^@MtYL+4HLDHL?HFEubH?HPHtAD+LpHHMcLW[]A\A]A^H?AUATIUS
HHHhHIuMuH[]A\A]Mt;HHut/4LLlHuIHtH+HAIcHHVHIH[]A\A]4LLyiAWAVAUATIUSHIHHHIA1Mt"HtHt#
At%@tH[]A\A]A^A_HwLL#uWMHAIuiL
?ILLLAHtH[]A\A]A^A_DH
AjH1[]A\A]A^A_fDL
q|?ILLLxfD+ItPL
A|?ILLL(bEAuHHEL
?ILLLAVAUAATUISHHIHcH@ME9"[1]A\A]A^HIHAAII[]A\A]A^L8[IHH]A\A]A^HAEaEDE9AH1IIcLSkZfD
AE9DH8IIcL.S@HGHHAWAVAUATIUSHIHH(+IHMHcHMLIH4$RIc>)H<$H9#HHHL$SRHL$IHD$H)HMLL

H4$I@;[IIAAD$L9uRMH([]A\A]A^A_DMIc>HH$,I1D$AL9tIIM)MHDLLLULL$XH|$LLHuLLLLD)MMA
DvAt
H4tTHfTDE
1Ic~,II$$AL$~$IcII!A$pfDHH5PA.1ULIIIcLH+tOIcAA8II$S@fDH4$HtIAAL9IDM)H|$LHLL$yLL$f.H
yAod12H|$LLHLL$LL$.fDfDfDHH4$HDHTHTHVHHH)H)A1L;9L:reD_H4$TTAfAWAVAUATIUSIHH4MHu
HuH[]A\A]A^A_HHw?LLL@4HH`L4LHDcL~?H
t?E1LHLt+MHcHcLLOH1[]A\A]A^A_DK4HH tL14LHtE1Lw?H
>x?ffHct7HcHLH[]A\A]A^A_HLyLtLMH[]A\A]A^A_@AWAVAAUATIUSIHH1
MHuHuH[]A\A]A^A_HLL4HH8L4LH<8EL
u?HL6{?H
s?LHHt+MHcHcLHSH1[]A\A]A^A_fHcu?HLKH[]A\A]A^A_fL
1{?H@HcHLH[]A\A]A^A_tLMt DAVAUIATUISHHHH9w'H(HA]EHHLL
[]A\A]A^ff.Hs?HB<@H<HDfHs?Hb<@H<HDfHs?H<@H<HDfHs?H<@H<HDfHys?H<@H<HDfHYs?H<@H7
<HDfH9s?H<@HW<HDfHs?H"<@Hw<HDfHr?HB<@H<HDfHr?Hb<@H<HDfHr?H<@H<HDfHr?H<@H<HD
fHyr?H<@H<HDfHYr?H<@H7<HDfH9r?H<@HW<HDfHr?H"<@Hw<HDfHq?HB<@H<HDfHq?Hb<@H<HDf
Hq?H<@H<HDfHq?H<@H<HDfHyq?H<@H<HDfHYq?H<@H7<HDfH9q?H<@HW<HDfHq?H"<@Hw<HDfH
p?HB<@H<HDfHp?Hb<@H<HDfHp?H<@H<HDfHp?H<@H<HDfHyp?H<@H<HDfHI<H<Hi<H<H<H<Ho?H
B<@H<HDfHo?Hb<@H<HDfHo?H<@H<HDAWAVEAUATIUSHIE1HHt$hB4H$DD$4t$DHHD$
?)
AOH$DHAHX D|$)9L$
H|htfo$L$L$@HOF$G|HH$X2Hfo$ILLhH$pAfo$)HfoHHHHpHH$Afo$$HfoHHHHHHAf
o$)$AHfoHHHHHHAfo$$HfoHHHHHHAfo$)$
HfoHHH0HHH8Afo$$HtFHH8fo$H$HXH`@fo$)$pLDLIPHt$
DLLTHDD(LHH\$pHl$xJMMnD$0DHLXILL\$`D$8D$@D$HHD$PH1f.ID+T$`L$9T$T$(DL$X HDx
WT$0hH3WT$8W<T$@W\T$HW|LIHHT$PPI4oH3@
oB@oB@-DZfDX=DZDX?I4I6L5LAD5HL;T$X=H\$pT$4LHl$xH1D$D|$D9DFA3AA L$H$$ PH4H$$
xHH$$(H H$$8 H0H$$H H@t|H$$X HPtQH$$h $@H$`t&H$$x hHpAGA
Ld$8EfoD$0Dd$A)H$@Dl$(Dl$4HD$@A DLH)D$/DHH|$@EfoD^H$ fo$@$ $ Hf$ HHH$H)$@P
oH$$xX(HHHHpohfhoH)HHH$
Hfof)$$ $$8 $oH$$HAHH0Hof$o)$H$$ fo$$ $ Hf$H H$H$@H$)$$$X oH$$$$h HHHPHofoH)$
HAHH`H$8fo$0f)0@o$HuoH$$ HXx
hHHHpH`oH)$pH$`D;|$(aD$0Ld$8D$0fDH\$HLd$(LT$4H|$@HJH|$
KH>HL[]A\A]A^A_ft$A?V9)|$D$@H$@D$0HD$@T$4HL|+H|$
1HD$rH\$HHlPD+D$0E1E1LLD$8*DBD<BD+J+AID9|$D;|$Bt-DtDd8DEtHD A)Jt-
JG4HLMLL$(9H$HLL$(DH|$ HHABhA7ZBD|BD+UIH\$HT$4LHl$PHT*H|$ 1D\$X`DdHLT$ T\$C
$C@$C`$$;As
K@S`D$$L$$DCADDCADDCDAD$DCdAD$DAD$MA{s$KDSdD$<L$$fDCADDC(AD$DCHAD$DCh
ADDADMA{s(KHShDL
$(DC$AD$DC,AD$DCLAD$DClAD$DAD$MA{s,KLSlD$<L$0$8>DCADDC0AD$DCPAD$DCpADDAD
MA{s0KPSpDL@HDCAD$DC4AD$DCTAD$DCtAD$DAD$MA{s4KTStD$<LPXDCADDC8AD$DC
XAD$DCxAD$DAD$MA{s8KXSxD$L$`$h$<HD$
DC$AH{D${<H$ps<$s\$xK\$K|S|DT$4LHAE1%D+l$0HH\$HL|$@Ld$(IDl$8E1DIH\$hf.;lDdDEd$II7D+T
0^4IGEDAU1IAD$HAU
HPAU@PAU`PAPDH@x9vA|$8AI(IA8@3AAWAP@sAsSAPHT$(9l$@sGHL$T$4HL$LADD|$D9DFA3AA
T$4H$H$H|$ 1HH$@HD$@D|$4LHE1D#H|$
1DLHH#AUATAUSHIHEHH4HLBHoHooo$o4oDTdtH[]A\A]4HL2fAWAVIAUATIUSAHXsHHHcHAAAD
HX[]A\A]A^A_@A
A^LIfDIHAF ff=

vfeADEfAFoLooo$o4oDH3
LLAD$$D)fA@H\$LMc)D$)D$)D$0)D$@wLPHMA?M)XMtLLL]LHBfoLfoL$f)L$foL$ f)L$
foL$0ffD$@)L$0)D$@PHkA@HLMI)I@MGM)LN4+MA?M)6MtLLLfoLTfoL$Lf)L$foL$ f)L$
foL$0ffD$@)L$0)D$@pHQA@HLMI)I@MGM)LN<3MA?!M)qMtLLLH@HX[]A\A]A^A_@AIFLD`efAM~AG
ff=fEfAAH$X?@
EAEAAnEFINHIVI6AEHX[]A\A]A^A_fDHX[]A\A]A^A_@1.1IA@E1LLD$$MSr1Dlhlhlf1IA@E1LLL$$Mq
1L$$ugfLLH,DEnAAEA^F$AoLooo$o4oDH@
LH)LHL$H
L$HGHGHL$L$H)D)9sHAt$?9s D)DEfHXD8[)]A\A]A^A_f.
HLL@
LH)LH
HGHHH)IA@LLI)M9MGLMM)\IH AV(AVH
,I@LLLHMoL1IHDDaSAAILLBHHLLBHHAWAVAUATIUSHIHHt$,LHDHHHD$t1H[]A\A]A^A_LpI
B;B; H$vLIHEAoEHD$LI+LIE1Lt$HHLoEAL.oH)H|$ At$H)A11D 1A!A1H
AEt$@I)LF;HB;ooo$o4oDHt+A@HHL$ I)M9MFLM)HL$ LMMA?M)(MHEH=?HD$(tHHl$fHD$
HE)EFHD$(AH2L)MDl$\IHD$ILd$PMDT$8J IC7M~I8L!HLH8L H%H @3trIIM9DA@E)IIG$HH9A
IKMMAHIDHt H|$IH?ID$8LT$0D! zkIFLT$0IH?L!! U! U! U!# U EM9H 1MLE1IHt$I9LHt$vLH)H|$
HHH|$LL)HtBA@LLI)HL$0LL$ L9LFLLD$(LD$(LL$
HL$0ML)H?H)HtHLLI9;L;l$tHD$H|$LItH)j%HD$LN,8LoTodotoooHuqLL1LLIu)H9vH|$HU@L)LH|$HH+T$IA
HH@ALH)LLD$(HIGHHL$
LD$(HL$ LIt
H)VIfLdPDl\DT$8Lt$(H?w>@E1HH)@it
@mI@I)LL)LxI?8Ht$
H|$DthoTD!D!uD!D!D#MUED}AED}uMUodotoooHe@AH|$H)HHIGHLHtH)6Ht$HD$HA1HHHD$(DQHL$IL
HL$I)EE)fDA\;DE)AHAD!A2T
D1D!! H L9u#D$@:H|$LHHH|$LHHLT$(HL$ fLT$(HL$
1LLIHDD{mDHTH@H)HHA@L|$H|$I)L9LFLLO<7HL)H?H)IHtH|$HLYHl$H)l$(I)HLt[@LLH)HL$@LT$8I9H
L\$0IFLLHHD(L\$0LD$(LL$HL$@LT$8LML)IHA?L)eMt,LLLHL$0L\$(LTHL0L\$(LT$ID
LL\$0LT$(HD$
HIMt$ HT$ HHt$L|HD$0LT$81L\$@HHHD$ HMHM3OL_AXH|$HH|$t fHLLHHD$0HL$(LL$?dHL$(LL$
1HD$0HIHH@wfDLL|$IE1LHHLL-
Ht)A@LLI)L9LFLML)L|$IA?L)MtHt$LLf.HH|$fHHDHHHH)X1A9Nr@DMLE1f.IDDHt H|DT8L)M)H?!
HD$0bHD$0fDT$8I!HD$ D! MD! MD! MD!D#D }M~ MI?@@
@0L(IHDHtLAHI|H)bGLdPDl\1DT$8Lt$(1L|$HLHLaL1HHD$HHHL|$HSE1]H|$HLHHL$ M-aL1JHHL$
@HLLHHLHLD@L\$8LT$0HD$(LL$`HD$(LL$1LT$0L\$8LD$@HL$HHIHH@D01fL0fHYE?@Ha?HD@H9
E?@Ha?HDAWAVEAUATIUSB4IHIH1Ht8DDD$hHHD$
H$AODHH A\$HD$0D)9L$
t$|$8ILfoHHF0H$AD$$2HHfo$H$HHAfo$)$HfoHHHHHHAfo$$Hfo HHH(HHH0Afo$
)$@AH$fo$0HH$HPH0HH$XAfo$0hHfo$@HH$HxHXHHAfo@)HfoPHHHHHHAfoPtFH
Hfo`H$H$H$@fo$`)ID8H$HHAH\$AELL
HLD<ALHT$0I1MyL$DDD@ADHADPADXAD`ADlADxAHJHDLH\$pAHL$f.I|$<D\$)9L$
L$`D\$D`Hz|$@L$xDh z|$HLxHz<|$PIHI1X3z\|$XH3z||$l|$@x
oA@
oA@oA@-DAH|$fD@=DAH7I1A6A7HL;\$pD@?LHT$hH|$0LL$ LLDDtLL$ D9DFA3AA t$8H$$
H4H$$(H H$$8 H0H$$H $8H$@H$$X $`H$Pt|H$$h $H$`tQH$$x Hpt&H$$ HAnA
Ld$@Dfol$<D|$8DLL$H)H$A\$hHD$PID Ht$H|$0)D$ LLYEfoD$ ^H$$ fo$$ $ Hf$ HHH$)$$$(oH$$$$8
HHH HofoH)HHH$0H$fo$f)$$ $$H $8oH$$HAHH@H$0o$(f(o)@H$$ fo$P$ $ Hf$X
HHPH$X)$P$`$h oH$$$h$x HH$H$`H$oxfxoH$)$HAHHpHfof)$$o$uoH$$ H$$

HHHHoH)HD9dl$<Ld$@LLHED<@H\$MT$hH|$PLOUH|$PvH|$0AvHH[]A\A]A^A_@t$8A?V9c)\$D
$L@H$D$<HD$PH|$0T$hLLL$H}H|$1HD$8LL$HLd$`D$
+D$<1E1Ll$XMD$@2DH|$D<HD$D(L(AHD9t$8D;t$
At,\$L$@E\$HD$)I4,LHD$HD<LLH$IDHHAhA7eHt$D|HD$D(`f.Hl$0T$hHLl$XLd$`H\$HHMH|$1A|EdEhElH
AxH|tHEpEtED$@D$ HHl$`HL$HH<0Hl$@Ll$@Dl$HH|$XLdHLdXHHHDpHPADXSP<DP<SP\DH\C
SP|Dx|{<SSDSDL9SHhThHtAH|$0Ll$@1LdHHl`D+t$<HL$PMH\$MDt$@E1EID;d$ \$E\$I~I6+T$<IFDC
U1ICLU H
PU@PU`PPPPPDH@x9vAL$@AAI(HAAuAAVAPAuAAUAPHT$D9d$8AMAuIH$T$hH|$0HHDDDtLD9
DFA3AA BH|$0T$hH$bH|$1HHHDPH\$0Dt$hL|$HDL)H|$1DLHH1
DAUATAUSHIHHEHH44HLHDoHHooo$o4oDoTdt$4H[]A\A]DS4HL!f.AWAVIAUATAUSIHXsHHHcHAE0
@HX[]A\A]A^A_A
A^LyfDHHAF ff=PvfADEnAFoLooo$o4oD$oT4<H\
LL\AE0D)DfEH\$)D$)D$)D$0)D$@A@LMcL\Ht$A@LLI)M9MGLMM)MA?M)
MLHfoLfoL$f)L$foL$ f)L$
foL$0ffD$@)L$0)D$@\HA@HLMI)I@MGM)LN4+MA?'M)*MtLLLfoLdfoL$Lf)L$foL$ f)L$
foL$0ffD$@)L$0)D$@lHA@HLMI)I@MGM)LN<3MA?}M)eMtLLLaH@lHX[]A\A]A^A_AIFLDhefAM~AG
ff=v}fEfAAvH,0?@
EAEAA}@EFINHIVI6AHX[]A\A]A^A_fDHX[]A\A]A^A_@1fEnAAEwA^F$AoLooo$o4oD$oT4<H@
LH)LHL$H
L$HGHHL$L$H)HhD)9sHAt$?9s D)0D0EfHXD8[)]A\A]A^A_@
LLfDLLHJGD1IA@E1LLD$$Mc1D#f1IA@E1LLL$$M1L$$ f@
LH)LH
HGHHH)IrfLLLDLLLHMCL1IHDDI HPAVXAVHH
\@AAILLBHHLLBHHqfAWAVAUATIUSHHHH$-
LHI<HHHHD$tE1HD[]A\A]A^A_DHT$AaIT$t7IE0HH9uAP)H$L@f.L$1IH
P+?MA<A FyLd$LH)HtBA@LHL$(I)LLD$L9LFLLL$ LL$
LDHL(ML)H?H)HtHLLeI9H$L9tHL$H|$LHH)HK,LHH$%AodAAotAAoAAoAAoAAoA$AoA4A<H~@A
H4$H)LLD$ H IGHHLoLD HLHLH)H4:H<$LE
I}
s)H9vHS@LL)HAFH+\$H|$IALHHnHH<$E1ILHL`IC/LC/M! =1HNT$HNH9IH)HAoLHD$0CIMP)H<$
At$H)A11D 1A!A1AD$!L$<H)HC/OHC/NAAoAAoAAo$AAo4AAoDA$AoTA4A<Ht-@LH)I9HIFHHD$c
HL$II)MA?M)8MtH<$LL4 HCA<H=?HD$xIfH$HD$AH))CAAHD$H
H)IIIHD$0Hl$@Dd$LIMDT$(H(HLIfIHM9DC.MDOI8L!HHH8L H%H A@AuHCT$(Ht$H<$HH?!A 8HD$
IUHD$ IAoH?Ao!M9t$ fnT$ fpfffMfE)M)EE10 @ @Ld$)LM9MM)LHHH|$HtU@LL\$0H)LLT$(H9HL$
LD$HFHHD$3LLLDHL$ L\$0LT$(ML)IA?L)vMt"LLLL\$LT$L\$LTHHL\$
LTJHTHILHT$LMRHT$H|$L\$0ILL\$K<HAAXJY1ALT$H4$H|$AKLt
AA<QDH4$ Lf.L$1DHLLHHD$(HL$ LDoHL
LD$1HD$(HIHHAA@AAAfHAH<IHDHt$LALH)HDA<MHt#@LLH)H9HFHIH)H?H)HtHLLAKDHDdLHl
@DT$(Lt$DH?w:@E1IH)\tI@I)LH)LhI?A8nHt$H<$E8EEAAAAAE!E!AodD!D!D!D!D!E#DKDC{sKSCD+AC
D+AADKDC{sKSAAotAAoAAoAAoAAoA$AoA4A<HA@A H<$I)HI
MGLLJ4+L)H4$HE1D$HHL$0HHHD$DN ILHL$H)A)DE\2D)H!D2E1A!!D HA I9uAAAD#t$<@H
H<$7GfHHDHNHH)19L9ryfDHEDHt$H<DT(L)I)H?!A 8HD$ QHD$ AAfDT$(I!HD$D! 3AD! KAD! sD!A KAD!
sAD! KD!E#D kMn sI?A@@
@0DH<$LLHLD$ML1JHAALD$AApAafH`@H)HHA@Lt$0I)H<$L9LFLLO4.ZHL)IA?L)ILMtH<$LL-
H\$0H)\$H)A<HDdLHl@DT$(Lt$1E1KHLLHI~H1HHAAAAALt$0H:HLLHLL$0L\$(LT$
HLLDHLLDLT$
L\$(LL$0HIHH1AAAAAAE1DH<$HLHLD$MzL1JHAALD$AA\AMDfDff.H?@tCH11jE1E111wZH9?Yt
HHD1HHfD1Hf.HI?@tCH11jE1E111:wZH8?Yt

HHD1HHfD1HAWAVIAUATIUSIHHLc`M9w7M)LfLLHHHLLHL)I9sH[]A\A]A^A_ffff.ATUASHH>HVEHu
%vilHIa4LH#x[]A\H
AIG1[]A\fDHI4LH/@AWAVH?AUATIUSHIIH(H9H@HDHD
DL9wqHI)XHD$<HA!HH$e5?AWHLLLDHLLIIt$,HL9IGMXZuH([]A\A]A^A_fDHHSf.AWAVH?AUATIUSI
HHHH9HT$HI@HHIHt$ H>HL$(HD$H>HLHDHD<IHBHD$<HI[H5?HHLMMLMyt$LHLY^H;luLt(H?L|$
I!HD$HH>HD$IMtRHHD$<HHH5?HH|$
LILL$LLxt$LH~XZHH[]A\A]A^A_ff.{ff.AWAVHAUATIUSHIIH8H9HHD$,HD$HHD$,HAHHD$
HHDHLLD$ud5?AVHLL$(LLI)IIt$<HwL9IGL9Y^w
MhH8[]A\A]A^A_@5"?AVHLL$(LLI)IIt$<HL9IGMXZtL9 HHf.AWAVH?AUATIUSHIIH(H9H@HDHD
DL9wqHI)xHD$\HAAHH$5??AWHLLLDHLLIIt$,H0L9IGMXZuH([]A\A]A^A_fDHHSf.AWAVAUATIUSH
HIHHD$HIHI5?IMLLLHD$HPt$HH([]A\A]A^A_fff.ATUSHtLHHI9tHH5E[]A\ff.AVAUIATULcSHwHIHcH@
AtAnfD1[]A\A]A^DHIHAVIAI[]A\A]A^f.AD$wHuHAAGEtAUA`Ef.AA$AD)IIcLHHUA,AAIcII
EIcpD9gHLL)ILIcIHtHxuCHtu9Htu/Htu%HtuHtuHLu:AA
H~IUHHAUPAUPA
UXHIAXD HDc'uADcH
DHhD`EOAE9IHH9tIH5H5Ic
HIA2H
sA1AD$H:AHA
AgEtAAU|fDLHIHtL9(HMHI9IcH5vHHIcIHsnfDfDEH(IcIcLH)IIcII
ZEDIcILArD1fLHDAwIUHDILHLHPHH)I)Dc1I|59H<2rGAID)Ht1qHIUDHLILIUHI)EL)AAA1H<0D9H<2rAU
DALLEAUBD CD%DALfLEBD fCD%qAWAVIAUATIUSHIHHyfMH
MLHLLHH[]A\A]A^A_DLM9HupHvjLLLH[]A\A]A^A_$mfL(@xLH HcH3u@HcLL
HTHTHLm6LIIHLHLL}H#LIuHL4L]LHHHLfHHLH?It-LQ4EofLH
H$41CfAUATIUSHIHHHuMuH[]A\A]ML4LHL >H7?AHLEHHcHLuH[]A\A]Hcu7HHH[]A\A]@H HwHHgFDH
Q{A1AVAUAATUISHX?H{IHcH@D)AAEv1[]A\A]A^fE([]A\A]A^A
uHI$HHAT$PAT$PA0
@Hn@ fzHXSuA,9Y)H3HfP"XA,1fA(A,A0A[]A\A]A^DLIhHHL9HhHA I8IcLHzIA$\fDAJAE=HtUM(E,A
HA$fDfDMtA
HAs2AuxEtA$AzDALfLgI$HDILHLHPHH)I)D31I<49H<2rA$DALLffff.AWAVIAUATIUSIHH(!DEo0HMu1Mt
H([]A\A]A^A_D0HML8$H\LpLLLLYMHc
;HHM9HL8Hc,HI9HHI$HHP,+(HHcI)HT$HT$LHLHc0HIIHT$aHT$HLHILpLLLLurMHc,H\$LHpH_Hc,K44Ht
ADH(D[]A\A]A^A_f.MuGHc,Kt5LHt.,H([]BD0A\A]A^A_fD
H([]A\A]A^A_fD+(HHcHTHTLHLzuHHI@M:tIHc,Ld$LL*Ht-Lc,HLHL(@uADuLL?H$fDMts$u
MLLLDvf.;d[KAD+(HLHLMcLM$DDLL>&AUATIUSHIHHHuMuH[]A\A]MtYL{4LH)
(,H8L?AH4ExOHpHtAD+(LHHMcLUH
rA12AWAVH?AUATIUSIH8H9HtHTHH@HHILt$(H>HD$
 H>HHHD$L
LALI7EL
?MHHHLu\IHH;\$uLt$(H?I!HD$ HH>HDHDMu,H8[]A\A]A^A_+fLhLNLHL
J?IHLHt$H|$u
fDff.ff.AWAVIAUATIUSIHHLc`M9r7M)LfLLHHHLLHL)I9sH[]A\A]A^A_ffff.AWAVIAUATIUSIHHQLc`M9r
7M)LfLHLHHHLLLHL)I9sH[]A\A]A^A_ffff.AWAVH?AUATIUSHIIH(H9H@HDHD
DI9rqHI)HD$HAHH$5?AWHLLLDHLLII<t$,HpL9IGMXZuH([]A\A]A^A_fDHHSf.AWAVH?AUATIUSHII
H(H9H@HDHD
DI9rqHI)HD$HAHH$5?AWHLLLDHLLIILt$,HL9IGMXZuH([]A\A]A^A_fDHHSf.AWAVH?AUATIUSHIIH(
H9H@HDHD
DI9rqHI)HD$HAHH$5?AWHLLLDHLLIIt$,HL9IGMXZuH([]A\A]A^A_fDHHSf.AWAVH?AUATIUSHIIH(
H9H@HDHD

DI9rqHI)HD$HAHH$5?AWHLLLDHLLIIt$,HL9IGMXZuH([]A\A]A^A_fDHHSf.AWAVHAUATIUSHIIH8H
9HHD$,HD$HHD$,HAHHD$ HHD$
HLLDud5>AVHLL$(LLI)IIt$<HL9IGL9Y^w MhH8[]A\A]A^A_@5B>AVHLL$(LLI)IIt$<H8L9IGMXZtI9
HHf.AWAVHAUATIUSHIIH8H9HHD$,HD$HHD$,HAiHHD$
HHDHLLD$ud5F>AVHLL$(LLI)IIt$<H7L9IGL9Y^w
MhH8[]A\A]A^A_@5>AVHLL$(LLI)IITt$<HL9IGMXZtI9
HHf.Hv>H)v>Hu>HIu>Ht>Hit>Hs>Hs>Hs>Hr>H9r>Hq>H<H~<H9~<H}<HY}<H|<Hy|<H
|<H{<H){<Hz<HIz<Hy<Hiy<Hx<AWAVH?AUATIUSIH8H9HtHT
HH@HHIH>HD$(H>HHHD$LbLD$FLIDL$HLMHHIHH;\$uH?I!HD$(HH>HD$ HD$Mt8LLLHHt$H|$
AIHLH8[]A\A]A^A_ATUISHHLH[]A\AWAVH?AUATIUSIIHH(H9H@HDHD
DH9roLH)8LD$LALH$EHHHAWLLLLDLIIt$,LH9HGHXZuH([]A\A]A^A_HH[fAWAVH?AUATIUSIHHH
H9HT$HI@HHIHt$ H>HL$(HD$H>HLHDHD<IH2HD$<HIKHLMMHLt$<HMLH;luLt(H?L|$
I!HD$HH>HD$IMtFHHD$<HHH|$LL$<LIHLPt$<HHH[]A\A]A^A_AWAVIAUATIUSIHH!Lc`M9wGM)LLt$D
LLAEHHHDLLHL)H9D$sH[]A\A]A^A_ffff.HYr>Hq>Hyq>H q>AWAVIAUATIUSIHHL
HHMt?JHD$.DL$IHLLLAH[]A\A]A^A_LHu%MIHLLLMIHLLLlf.AWAVIAUATIUSHHHQHLcM9w2IM)LHL
HLLAHL)I9sH[]A\A]A^A_ff.AWAVIAUATIUSHIHQHHLHD$HIHAWLLLLL$Pt$HH([]A\A]A^A_@AWAVI
AUATIUSHH(HT$HHLHD$qHAVATAWIH|$HLLL$,LWt$,H[H8[]A\A]A^A_AWAVIAUATUSHHHHHT$
HL$: HI:RHI9HHD$Ld$ H<HH<HD$(HHD$HD$<HD$HMHD$<uHAZAWAVILL$
LHLHt$LHZHY^HIH;l$uHHT$(H!D$HT$
H|$uHH[]A\A]A^A_fHMHD$<HAHT$AVIATLLL$LHH|$0H5t$LHXZDHMHD$<uHAZAVATILHT$(LL$L@
AWAVIAUATIUSHH(HT$oHH4LHD$HAATAWIH|$HLLL$,Lt$,HH8[]A\A]A^A_AWAVIAUATIUSHIH(HD$
L
HMt^H~HHD$aATIHLLLHD$$PLL$@Y^t$HbH([]A\A]A^A_fDLHHHD$ATILHLLHD$$PLL$XZAUATIUSH
AHHH4HLxHH%PwEt5H>>Ht:1H
H[]A\A]fH>HuDHI>H
^AwH1[]A\A]f.H){<Hz<HIz<Hy<Hiy<Hx<Hx<Hx<Hw<H9w<Hv<HYv<Hu<Hyu<H
u<Ht<H)t<Hs<HIs<Hr<Hir<AWAVH?AUATIUSIH8H9HtHT
HH@HHIH>HD$(H>HHHD$L2~LD$LI[~DL$HLMHHIH<H;\$uH?I!HD$(HH>HD$ HD$Mt8L}LLH}Ht$H|$
AIHLH8[]A\A]A^A_ATUISHH}LH:[]A\AWAVH?AUATIUSIIHH(H9H@HDHD
DH9roLH)LD$|LALH$}HHHAWLLLLDLII^t$,LH9HGHXZuH([]A\A]A^A_HH[fAWAVH?AUATIUSIHHH
H9HT$HI@HHIHt$ H>HL$(HD$H>HLHDHD<IHHD$<~HI|HLMMHLt$<HML~H;luLt(H?L|$
I!HD$HH>HD$IMtFH~HD$<V~HH{H|$LL$<LIHLt$<HT~HH[]A\A]A^A_AWAVIAUATIUSIHHzLc`M9wGM
)LLt$DLzLA{HHHDLL.HL)H9D$sH[]A\A]A^A_ffff.Hg>H9g>Hf>HYf>HHGxN~ > ~ N~ ~ ~ HN ~
~ ~ HN
~ ~ ~ HN~ ~ ~ HN~ ~ ~ HN~ ~ ~ HN~ ~v HHJr 2 r H Jr r r H$J
r r r H(J
r rR P,@pAWAVIAUATIUSHLoxAUpAm H?D$H)H?IE H$=H)L$LHLLHH)IIAE
AE$1H?vSHHHHGLH9HrL$HLILLL)MMaAm tH?wD$H[]A\A]A^A_?HuD?w!IAwzA2t0IHAvuHA}pt@Am
AEpAm AE$fI]0ME L@HHAE0AE@AEPAE`IvIU@H9I9 IWI9I9@
D$LpHQ9>AA2U0AAWA2U1AVAWA2U2AVAWA2U3AVAWA2U4AVAWA2U5AVAWA2U6AVAWA2U7
AVAWA2U8 AVAW A2U9
AV AW
A2U:AV
AWA2U;AVAWA2U<
AV{AW
A2U=AV
oAU>A2WAV@)MD50I<7AALAoAfv$AAo@fGFuAo@

fG F 9t fDAA2L50AH9TwDAEpfWfD$1pHAL0A2AHH9u10&1k

ffff.AUATUSHLoxHRIHHLcIADBwYwtRIptA$tDfADH[]A\A]
H1[]A\A]f.MfIAfoRAfADMtHPHLCOHID$xUH
PA12DB5ABMI{tA$,ADA$AE$AExAD$AE(AE|AD$AE,Ay@kfDI$IATAATAAD$Ofuf7AAAIAExAE$AE|A
3AE(AA3AE,H5$OHHIHCxH
NA2pI$IItHtIHH)I)l1AK9JrPII$HtItIL$HI)DL)1L89L9rA$AttA$DADAtftHxt)SHH{xH[ff.AWAVAUATUSHHH
HL$HCL9HD$HIIIHF LF IHl$ HH5MI@H$HHL+IAF AFpLwAI
IHHtHLILPHLL2HH5XMLHH\$IHE@HD$@H$HAoLHt$HHqAILHD4$HAIAoAED$HH[]A\A]A^A_fHl$
HSHH5LIHHHT$iHLAoHAFpI
)D$PIHU@HLEHt$EHM0HH\$IH)H$HHHt$H<$%LH1H)MfDHt$HLHHHt$LHLI;DHM0
HE@H$HVAfDfffff.AWAVIAUATIUSIH8H_xHL$DHEHt3Ht.HIHHHH8[]A\A]A^A_f.Ls0LC H5JH@C
LHLHHD$HC CpHHt/HD$H
H&H
MMDEtHHH9HHUH;T$AA|$M/LDLLDHLLLYHLLkHDLLDMED$H8[]A\A]A^A_@LD$tHH@HLAL$Ht
$ tHLO|t^AT1oAEHHLLzHLLLIHLDDLfAD$HcHH|$
+PfLt$HLLLLHH5GH)Hl$E1H5GLH)@IMMD!D$TH|$
L^LH1H)H5dGLH))@HuHuLGxHIIIItSSfHMc)$IAbLA@$A@xA@(A@|A@,AH[@HFV V AFV V V A@F V
 V V A@F
V V V A@FV V V A@FV V V A@FV V V A@FV V V A@A@pF@LL)HIs8AM{DADjBT
fBTYLHXHLN\
N\H)IHML)II!I1LLHL9rDDBT
BTf.Ha<Hy>u+SHH*71~
H<x[USHHHeHHeHHayH[]DAWAVH?AUATIUSHHHH9HtHTHI@HHILt$(H>HD$
 H>HLHHD<HD$HhHD$<dHAgHIeHHHAWLL$LMLMLt$LHgY^H;,uLt(H?I!HD$
HH>HDHDMt[HsgHD$<WdHA<gHHdHHLATHt$
IH|$(LL$Lt$LH2gXZHH[]A\A]A^A_fff.AWAVH?AUATIUSIHHHH9HT$HI@HHIHt$
H>HL$(HD$H>HLHDHD<IHfHD$<VfHIcHLMMHLjt$<HMLRfH;luLt(H?L|$
I!HD$HH>HD$IMtFHfHD$<eHHcH|$LL$<LIHLjt$<HeHH[]A\A]A^A_AWAVIAUATIUSIHHqbLc`M9wGM)L
Lt$DL`bLAbHHHDLLnUHL)H9D$sH[]A\A]A^A_ffff.AWAVHAUATIUSHHHHH9H4HL
wHHHD$?HD$HD$>HD$f.HE1HHDHl(LIHICD5D$>caHAHdHIaHIATHt$ H|$(MHD$T$OHJ40"
XZH;leHl(H)l$ IH,HD H9HGHH9HH[]A\A]A^A_AWAVH?AUATIUSIH8H9HtHT
HH@HHIH>HD$(H>HHHD$L2`LAcLHD$Z`HHHAWLL$LIIHY^H;\$uH?I!HD$(HH>HD$
HD$MtAL_LbLH_HIUHt$(IH|$0L2XZH8[]A\A]A^A_fff.AWAVIAUATIUSIHH8HtHTw_HHH?I9HI@LLH>
HD$(H>LLHD$ H^HDaHI_DLHLMHLMLFH;l$
uH?I!HD$(HH>HD$HD$Mu<H8[]A\A]A^A_IHEaLILHt$H|$fDH0^HAaHHZ^Ht$H|$EIHL?Fffff.HIM>HL>HiL
>HK>HK>HK>AWAVIAUATIUSHHHtHT]HIHH?I9IHL$H@Lt$L|$8HD$
IH)HHD$HLH>HD$0H>HHD$(L\LA_AWPLLL$0LD$(LHHIHIY^H;\$(uL|$8H?I!HD$0HH>HDHDMu?HH[]
A\A]A^A_LP_LILHt$H|$fL8\L_SPMHt$H|$
MLLIIXZDUSHH2\HHHHoHH}oHH}oH[]ffff.USHH[HHHHYoHH}IoooCoC
oC00oC@@oCPPoC``oCppH[]fffff.AWAVH?AUATUSHHXH9Ht$(HT$0HL$
HI@HHIH>HD$8H>HLHD$HDLHDH]HD$LjZHD$N]HH$ZHIZHI|ZHMLDD$HLMAPt$(MHt$VHLH
t$LH]H;l$iH?H!D$ HD$8HH>HD$0HD$(H|$
H\HD$LYHA\HIYHIYHHYHM$LAWHHT$\RAUH|$PHT$@Ht$HQH
t$LHQ\HX[]A\A]A^A_ffff.AWAVH?AUATUSHHXH9Ht$(HT$0HL$
HI@HHIH>HD$8H>HLHD$HDLHDH[HD$Lz[HHD$XHIXHIXtHtMMHLLMVHL]t$\HL[Y^H;l$uH?H!D$
HD$8HH>HD$0HD$(H|$
tqHZHD$LZHIXHIXHHXHT$LM$LHRAUHT$0Ht$8H|$@B]t$\HZXZHX[]A\A]A^A_AWAVIAUATIUSHHH(

HT$<WLcxM9wlM)Lt$H0WHD$dWHIYWHINWDL$I$MHLHLMVIHH+D$H9D$sH([]A\A]A^A_AWAVIAU
ATUSHHHHt$ HT$_JIEHHT$HD$?E1HD$(HD$>HD$
DHD$MDIHB(D$>6VHYHIaVHH$UVHIJVHMIUATHl$HUHt$HH|$@HD$(DT$_H IJ4("
L9|$5HH[]A\A]A^A_AWAVH?AUATUSHHHH9Ht$(HT$0HL$
HI@HHIH>HD$8H>HLHD$HUHD$WHI9UHHD$,UHI!UHMLt$ILMVATHLd$ LIATH H;l$uH?H!D$
HD$8HH>HD$0HD$(H|$ tlHdTHAIWHITHHTHIHqTHM$IAVAUUHL$@Ht$HH|$PH
HH[]A\A]A^A_fff.ATUSuwHHE1
WH%~(H#fHV6HAVD[]A\H{eD[]A\H{eDAAVAUIATUISHzSLHHMuH#SHAVATLPLHLL4@XZ[]A\A]A^@
UHILLA[]A\A]A^fH?H9-
AWAVAUATUSHHHHIILH5=L]R]HH4LLl$%UH.2LLHLHCL9IwHD$wLsHLHLbHD$HSLLHI1L1LHLTLHL|
$L|$
LHHLLLL+LLHMLL
L]x
Lk
H|$\
LTHG
THHC[]A\A]A^A_@HLmLt$ LHLHLLHHD$ LL{HD
LSH!LzSHLLLkLLHEL1HaLISHR0LHLHHCHH[]A\A]A^A_@H
/AwHH1[]A\A]A^A_fD
L
H|$
LRH
LH
jD[fDHHL}Hrff.HO<HN<H9N<HM<HYM<HL<HyL<H
L<HK<H)K<HYM<HK<HJ<AWAVH?AUATIUSIH8H9HtHT
HH@HHIH>HD$(H>HHHD$L"NLD$QLIKNDL$HLMHHIHH;\$uH?I!HD$(HH>HD$
HD$Mt8LMLPLHMHt$H|$ AIHLtH8[]A\A]A^A_AWAVH?AUATIUSIIHH(H9H@HDHD
DH9roLH)(PLD$MLAOLH$5MHHHAWLLLLDLII~t$,LOH9HGHXZuH([]A\A]A^A_HH[fAWAVH?AUATI
USIHHHH9HT$HI@HHIHt$
H>HL$(HD$H>HLHDHD<IH"OHD$<NHI;LHLMMHLTt$<HMLNH;luLt(H?L|$
I!HD$HH>HD$IMtFHNHD$<vNHHKH|$LL$<LIHLt$<HtNHH[]A\A]A^A_AWAVIAUATIUSIHHKLc`M9w/M
)LfLHKHHHLLHL)I9sH[]A\A]A^A_DATUHSHHt+HJHHH[]A\{JHJ%HtH`JHxJ%HtIHLHJLH\L_
ffff.H:>H:>H:>H9>f.H9Ht HHHHfHI<ff.ff.[ff.ff.;ff.[ff.ff.Aff.[Bff.+CAVAUATUSH
HHD$IH7ILl$Ht$LLE9HD$:tkx=H
(AtlmH []A\A]A^f.H 1[]A\A]A^AAt111AMHA;t-
1DH{:~DH?{@mfDAA(fAA@H5'H='f.AWAVH?AUATIUSIH8H9HtHT
HH@HHIH>HD$(H>HHHD$LGLD$ILI;GDL$HHHLMHIH%H;\$uH?I!HD$(HH>HD$
HD$Mt9LFLILHFHt$H|$
HHAILB%H8[]A\A]A^A_fffff.AUATIUSHH{FHD(pIHfFHxDL+H[]A\A]DAWAVH?AUATIUSIIHH(H9H@HD
HD
DH9rpLH)HLD$ELAHLH$EHHHHAWLLLLDLII=.t$,LqHH9HGHXZuH([]A\A]A^A_HHSf.AWAVH?AUA
TIUSIHHHH9HT$HI@HHIHt$
H>HL$(HD$H>HLHDHD<IHGHD$<vGHIDHHHLMMLC/t$<HMLqGH;luLt(H?L|$
I!HD$HH>HD$IMtGH!GHD$<FHH:DH|$HHLL$<LIL.t$<HFHH[]A\A]A^A_fffff.AWAVAUATIUSIHHHHT$|
CLcpM9w;M)LxCLACHPHHDLL'HH+D$I9sH[]A\A]A^A_@USHHtjt=tH[]DCFH6C(H[]1T$~CT$H[]HLBHL
H[]fHt{AUAT1USIH1HHL$4~D$=tQ@tT(HDHBHAEDHLHdH[]A\A]f1D:xfHID<HC<HiC<HB<HB<HB<ATU
ISHHALHHHM>[]A\ATUISHDHALHzD[]A\HID<HC<AWAVIAUATIUSAHH2AH6tHH[]A\A]A^A_DfA@IH
Mc)$)D$)D$)D$0LLLfoDHHdfo$f)foLf)LfoL ffD$0)L$)D$0JL@H/GfoHfo$f)foLf)LfoL ffD$0)L$

)D$0JLH@FL@
HH[]A\A]A^A_A
EeL?fAAufAAmAEoHH HXL
oH`o(o8oHEHH[]A\A]A^A_HILHLEHLG&fAWAVIAUATIUSIIHH>DH
A@D+HAAHNHU1L9tHH[]A\A]A^A_@LL\$LT$6>LT$L\$0IB@M9LLGI99Ll$LHHD$LDL9tM9tHD$H|$HI4
H)LLHFodHHLotHoooCDLH(FLHT$H+t$HH:6LL\$LT$=LT$L\$,IIS@M9LHCL9ILl$LLE1LHLL$9HLLHtL
d$0HL)LCLLoEodHLLotHooo
CLLDI|-L}
EH
HH[]A\A]A^A_fDLL)IHD$IMH>LLLHLL$ L\$LT$Q8LT$LLL^BL\$LTLLL
HKTK4OD'HD$L\$LT$HIMHLMKLKD
L)HD$@HL)HD$HHHD$3H>LLLLT$(L\$AL\$LLHLQ7L\$LT$(LLL$HKTK4OL\$ LT$&HD$L\$
1LT$HHHMI4HHLD$@KDH)LHD$fDLHt$LLL)@1>fLl$LLLl$LH{HDHLHHIH)46jDATUHSIq9HHf<LHY
<HC`HXoH oo(HHo8oHdt[]A\H9>AWAVH?AUATIUSIH8H9HtHT
HH@HHIH>HD$(H>HHHD$L7LD$:LI8DL$HLMHHIHbH;\$uH?I!HD$(HH>HD$ HD$Mt8Lt7LZ:LH7Ht$H|$
AIHLdbH8[]A\A]A^A_SHg7HH<=[DAWAVH?AUATIUSIIHH(H9H@HDHD
DH9roLH)9LD$6LA9LH$6HHHAWLLLLDLIIat$,L9H9HGHXZuH([]A\A]A^A_HH[fAWAVH?AUATIUSIH
HHH9HT$HI@HHIHt$ H>HL$(HD$H>HLHDHD<IH8HD$<8HI5HLMMHLat$<HML8H;luLt(H?L|$
I!HD$HH>HD$IMtFHB8HD$<8HH[5H|$LL$<LIHL`t$<H8HH[]A\A]A^A_AWAVIAUATIUSIHH4Lc`M9wGM
)LLt$DL4LA4HHHDLL_HL)H9D$sH[]A\A]A^A_ffff.H8<Hy8<H
8<H7<SHG4HH4[DAWAVH?AUATIUSHIIH(H9H@HDHD
DL9wqHI)6HD$3HAq6HH$35>AWHLLLDHLLII\t$,H`6L9IGMXZuH([]A\A]A^A_fDHHSf.AWAVH?AUAT
IUSIHHHH9HT$HI@HHIHt$
H>HL$(HD$H>HLHDHD<IH5HD$<f5HI2H5>HHLMMLMgt$LHLX5Y^H;luLt(H?L|$
I!HD$HH>HD$IMtRH5HD$<4HH2H5>HH|$
LILLLLtLH4XZHH[]A\A]A^A_AWAVIAUATIUSIHHa1Lc`M9wXM)LLt$=LLHL)H9D$r0L81LAm1EHHHt
2H[]A\A]A^A_fff.AWAVAUATIUSHHIH3HD$1HI3HI35>IMLLLHD$HP<t$H3H([]A\A]A^A_fff.AWAVH?AU
ATIUSIH8H9HtHT HH@HHIH>HD$(H>HHHD$L/LA2LHD$0ELD$uhL
>HHHLx]IHH;\$uH?I!HD$(HH>HD$ HD$Mu:H8[]A\A]A^A_fDL
>HHHL[fDL@/L&2LHk/u'L
@>Ht$IH|$ HL\fDL
)>Ht$IH|$ HLZZfff.HI5<H4<Hi4<H3<H3<AWAVH?AUATUSHHHH9Ht$(HT$0HL$
HI@HHIH>HD$8H>HLHD$H.HAE.HHD$8.HI0HHD$ .ATLd$MHHLLMLIATLD$ FY^H;l$uH?H!D$
HD$8HH>HD$0HD$(H|$ taHn-HA-HH-HIH60HI{-AVUMHT$0Ht$8HH|$@MGFXZHH[]A\A]A^A_USHHH/-
HH@H-HSHH -HSHH[]fH>HILtG\HfLE*1AH~HIt3HAWLH?AG=G=WfDAQHL
HHAOHHH??AOAG=WHfDAAAHIHHH AQH HHAWHH?AWH?H?AWAG)H(f.H1fDHL
tG\H
LEy@~HxA<t<HcDxBA<u6AHII)I9t!|@xA<9H@tDATHUAL\ISIAABExEBAxA,HBAxAExdEx_@xZxVIHHH
L H H HHOHHOG)L9tgEDd@[]A\fDu1f.H5 `*;f.H5 9ffffff.ooFGoF G
oF0G0oF@G@oFPGPfDffff.w\fff.H0HGXHf.EAWAVAUATIUSHHOPHcE)D9E1HIL
E\LU
HMDL1D9@HH$IIGD^IIA?GD^EA)AH?AHVF=HHIHcUIA)E\u
IHMD9I%AEH1[]A\A]A^A_@GHHHHH WH
HHAVHH?AVH?H?AVAF))H|LIciDuH[]A\A]A^A_1DI&EuDuE}H[]A\A]A^A_H}IcLhLcH|LLLMhLHUHHA
)MLcELE\u
IHMA9aI=!DD_IL IIGD^IIA?GD^H54H=];ff.USHu[]HWIHHAC\u
HA[]fgL1HIHOLHA40@qLH?A40@qIA?CQA=L5HfFDHHIHL DNL IIGDIIIA?GDII?IA?GDIAA)HH1=KVHI
LHAQLH?AQ

@HHGXAWAVHAUATHUS1H8HT$
H|H~HHc|=1EHD$LL@\LIDEHHD$!9@@DADALiL\$(J\LT$0E1AH\$@=<uOA@L;l$IA}@x
H\$@DADufDHt$
DHt$H8[]A\A]A^A_D1|=@tA<N?H$Hc@@<;HD$L\$0@\@LE\$(LA<H$t<@A<uLFALIy~RHcxGA<u;HcDAL
xAHtf.IL|RIfAAAAAxAAAAxA<IAAAxAExyxu@xpxlHHHIH H H
HHARHHARD)M9ABtlA`ED]D19}*f.1@E1u)AHcH1if.E1fD~t2 n1cUH|HDDDDQ9I)1At1HD$@GxA<u
LL&~{HH1aATUASu
D[]A\fHHWH1xED[]A\AAWAVAUATUSHH(zHHtH6HHD$1L%L=L5sHD$$Ht$HS
DH`9}pH&`Hp
LAAEEtLA,HuHH5LHPL@1DfAH(D[]A\A]A^A_H
A$uDH
A(guDH
qAE1<umH5iH=n1{Ht~SHHHtH@(Htt^H{xHtHHcp0uWH5(-H{}/H{HH1HH)H[fD;
H{xDH5*.f.SH7HH50[-fHcH)HHH9H9 H!!AWAVIAUATIUS DHIH(%tSIHE@Dxt?AHcLLHP
AH([]A\A]A^A_~SHc}LL4u`HcEHEHcLLHP AAH([]A\A]A^A_@AHH
KrH(1[]A\A]A^A_fDA 9EH|8A)A9McLDD$LLT$2]HEMcHU8LLL$LHP
tDDLTLL$E>D)MMAA!D)~HEHcLLHP OAEu~D}Av@HcL\]ASLLuAHEA
5AWfDHcH}8IcI45\jA7H5H=Vmffff.AWAVAUATUSH(DgEUI IDHI#tUIH@D`t3AHcLLHP kAA
@Hc{LLHcC<A EH|8A)D9fMcLDDLLT[HMcHS8LLL$LHP DD$LTLLE'D)MMAA!D)~HHcLLHP
A/EDcA)H
AA}oH(D[]A\A]A^A_DAAEAHH
oE1f.HHcLLHP AtA/AnDA]@HcLAYkA9LLu3HHcH{8IcIt-uYA AA7H5H=-Vff.AVAUATUS_t9HHIICtW11S
1x AE[]A\A]A^fDH
A'n[]A\A]A^@DsA AtTGqGucD)A9vVH|8@HNDHU8LHS iEu`fAEEfDtH
A1qmH5H=T@ff.AWAVAUATUSHoHI IEHI@D$DtAT$DIH@t3|$ IcLLHP AEACqd|$ DEM9tT$LL=AH
Dl%fH
A1lH[]A\A]A^A_@AEfD@AE@fDL$HHtAIAELLLHDT$_|DTvCE0D$DAE
DHELLLH[]A\A]A^A_fDHIwHIHD
IDLH)H)D$31AN9NrLL}H|$A)}HIcUIs@@ AT$ALfLDIHHST$HILHLH)I)1I49H4rAAD
ADD
fADAT$ALLAH5H=n@Gu 4@ff.USH_u3HH@tQ11P xEH[]DH
qAe1hH[]@Gq6P1O7) MBDEE~1D9} r@AAAF:/A9D)LHL9LFAL9AE#HDJD@E9ENNNNNNN N
N N
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NAAA)fBoDA9BtHcDH9UWu9qH
A/mewfDfH
A'eOfA?H
de1'fA:DB1IHL9u:

xnH5H==2SGu @ff.ff.Gu @ff.HGpHHEHGpHHHtDH@HHtktHH
At|d1HH
Ah|od1HH
Am|?d1tAWAVIAUATIUSHHMHAE1EHAH{DgHdH9MHSpHHTHTDcHSpMLauLFHHHc}0L{H+wHCxHU
Hcp@@Sht#111HeHf.@Pt Cpu!HH%H=HmH
MHaDLLHPt%H@CH[]A\A]A^A_f.HH
A{Vb1fH{DgHQHH\Mz}EHIvHc}0HCH+H5IHHCxHnfHH
H`

%H
HrHcHHgfCXH
MHktHg
LHcHKHQ
H{(HcHK`DD$AaH
{aD$H[]A\A]A^A_H
QA{`1?MCXH H{(HcLIK1DH
Ap{w`1@
 D$HAf.H
HAA{`1xH5bH=yH5JH=kyAUATEUSHHIHHtHtHtHEMHH1[]A\A]ifADE1A5DE1(HHPuL9wht:~uQH
HAVz_1HDfD1
f.whfff.H@u'HHwhHHH1USHHH>HHH~Ht
c+HCoEoCEoC E oC0E0oC@E@oCPEPoC`E`oCpEpooHHH{xHtHcx0@t1HHPHt@H[]@H
Ao]H1[]fDH
HEAD$C]D$H[]H
A&D$]D$H[]H5QHHExtHHsxHHcR0sGHH
HEAA\1HP
BOHt
HH=9<MH=<MHHt+HH=>HO<>H>=>H>HDAWAVEAUATIUSAIH HHHEOL1ALHxaEIu7H_ L
HhH []A\A]A^A_@H1LAVAELHdZYy=>H>LEAffAH1AWAVEAUATIUSHHH|$
HTHLDDD<UHAzA@D$|$sH|$HHHD$<Ld$@D|$,D$(I1LH|$(tT$<LHHcT$Ht$HtH|$tHt$HRtdLLH`tRA0T
$<LHt+LLH'tA9tK1LHuE1H@L
HD[]A\A]A^A_DLd$@t$,1DtiD<9tzD$,L$@9t4H$t!H$t4@@7HHHuLD$(D$D$,wH|$
gA8D$(D$,LfDt$,DD$<1NH>@H$tA<L$A:LHH$HH9)L9uL$|$,OD$<9CL$H5H=8WqH5H=VqGfff.H@fG0fff.
H`
Hfff.Gfff.HGff.HG`ff.Hw`ff.HGxff.HGxHwxGfff.H@fAUATUSHHIHLmLL9tMHE(raHUH0HUHILHLH)I)r1It
9Ht
rH[]A\A]H1[]A\A]u+tUU(tALfL@UU(ALLH5nH=^oDUSHHHHA@HtS~H[]DkMzEH
AQUH[]AztHt$H%H=Ht9Ht$v(HiHtH,NHHwk^fffff.Ht+USHHHwHHsH[]1H5.H=onDHGff.HG(ff.HG(ff.HG8ff.
GXfff.wXfff.Gfff.Ghfff.ffff.USH=V=tntg%HH&HHDH[]f.=t>~O=tc=H[]DbtS~y=tJ=uH[]D=t~o=t8=UH[]%H[]f.
H[]faH[]f=t@Hf.ATUHSHHHHA8Ht^~H[]A\fDADMzEH
A.JRHD[]A\fDAAztH%H=tKv?H=uQH;Y1HDED$=HHwALH=tHHf.G@fff.ffff.Gfff.HtGH
HA<2QHHGff.USH5}IHP
 Ht(XH[]ffffff.SHw?Ht+ooC@oC @ oC0@0oC@@@[H5[O ffffff.w@wwDHwfDHwfDHw
fDHw(fDHw0fDHw8fDHwHfDG@fff.Gfff.GDfff.HGff.HGff.HG ff.HG(ff.HG0ff.HG8ff.HGHff.HtH1ffff.HG
ff.HGff.HG(ff.Hw(ff.HcH wHcH!wfDG!f.USHHHt6HHk HtH[]f.H[]DH{ grDHcH
wpHcH!wpfDGp!+uG+FfHH+uA+Bfff.H5ffffff.AWAVAAUATAUSAALHH={>H5HHtAH=P>D8HDpDhD`Hh2
u7H5;HH
'AAM1H[]A\A]A^A_@H=T6HH>OfAUATIUSAHHHt
HHt
H'HM[D1]A\A]fff.E1AUATIUSHLH(<$H=8>It$Ht\L$/H=>&6HtAMtPA$HtPUHAtH@HH(D[]A\A]f.LH5=L
E1HuH(D[]A\A]f.Dfff.AWAVEAUATIUSHIHxLHLHTLD1MtuL9+D1|$E1tHHII|$E1HLAWLH|T(AEXZ
tAHxD[]A\A]A^A_@H
A_ytAJHH\$ tZHPHH5H1hfH
aAxtOJlf.H57 PH|f.LD$H.HILD$H
A|tE1I@H
ArtE1IHH=u>H52H^>Hf1Hw'HRH=HHtHtRUSH111HhIH|$tX)HHH|$UH{+t?HCH@@HHH~HhH[]@1HhH[]@
H

A$voHl$HHT$PHH5H1fH13fDH
iA,o'HDH
AAAoG4H
A0oGz@USHHHHtjHEHH@HHHHtHH[]f.H
AHq_GH1H
qAAAq/GDH
IAPvqGH
&ALqFfH8'NH8NH8NH8NH8OHH8COHHDHH8#SHHDHH8SHHDHH8THHSHHH[Kff.USHHHHHH[]H+ff.H
HH;ff.H;SHHH[ff.USHHH_HHH[]Hff.H7HH{ff.H;ATUISHLHHHu[1]A\DH{\LH[]A\ffff.USHHHHH$uH1[]HHu
\H{[]]ffff.SjHHu1[H{\[FfD1Ht8AWAVAUATIUSHHx0It1Hx[]A\A]A^A_@fDH0LHHetH{\0L~H\$@fo0LH)D$
@)D$P)D$`
{Ll$LLcMw\(HLLGHD$ LHHD$*H0LH\0H0HLLLh(HLHt$LLQ
H|$B
mf.H);SHGHH[ff.USHHHHHH[]Hkff.HHHff.H ;f.f.f.H);SHHH[ff.USHHH_HHH[]H{ff.H7HHff.H
;USHHHHHH[]Hff.SHHH[ff.HHHff.SHHH[>ff.USHHHoHHH[]H8ff.HGHH5ff.SH'HH[k8ff.USHHHHHH[]H;6ff
.HHH5ff.SHHH[+yff.USHHHHHH[]Hff.HgHH[vff.HGHHvff.SH'HH[ff.USHHHHHH[]Hff.HHHwff.HHHwff./1H
t0AUATUSHHX|0It1HX[]A\A]fD0HH8~H\$ foH66666666(LHHD$@)D$)D$0tILLtLt0HL\fo(H\\\\\\\\(HC
HL))C'LL{L6
@fH;Hy;H
;H;H);H;HI;uHGHcH1ffff.HHLc@@1IvfHW1HzHHHHH)HHLHHc@HAVAUIATU1SH_HLLHK|%L)HHLHB#
+HHLH}[]A\A]A^ffffff.HAWAVAUATIUSHHHoHLHMLI)LL9LL)M%LLLHI
I9HvLMt)HLL)HLH%HH[]A\A]A^A_1I9wLHLHIf[%HfHHLc@@1IvfHW1HzHHHHH)HHLHHc@HH;H;H;H;
H9;H;H
9HA91H@AUATIUSHIHH(H HH@uHtwHHBpH?HH{
G @E1Ia~iMHC tI$HC H@H([]A\A]Ht$L*H
LA*8f1H([]A\A]LHLD$]HHHC LD$t
f.LHHtH{ HHHLH|$H_HHPH{ f.HtH?G HC(E2H{ fAUATIUSHIHH(H HH@uHtHHHLHH{ G E1I`~vMHC
tI$HC H@H([]A\A]Ht$L3)H
A*6f.1H([]A\A]LHLD$P[HHHC LD$tf.LHHBtH{ HHH?H|$HHHHH{ f.HtHoG HC(E2H{
fAWAVIAUATIUSHHhLg I$Xt)HuTH1LPxHh[]A\A]A^A_fDH@xHtGHGD$HLGHLPxfH/GD$HTHt
E1bEYDD$H} HL$ LL1EC4AD$UHIHHtJD$I
LLLHPxL1k@H11LfL1D$E1vLZHItHLHLLPxLdXhH?x11LcLL1HB7HTHt L<DHG
HHHtHATIUHSHtLH;~LHH[]A\D[1]A\fAWAVAUATIUSHHHhH
D$HLHC%MHAAtHAHh[]A\A]A^A_HIHHEI} LDHHLDYDtEuDD$H{ HL$
LHBHh[]A\A]A^A_@E1E1HiHTHt HE1f.HTHt LtLffff.HG HHHtATUISHHLH~HLH[]A\Z[]A\SHHH[
ff.USHHHHHH[]Hff.HHH{ff.H;WHFHLGHwu
1LL1fWHFHLGHwu
1LL1fHtKSH?HH u1[;HH[1ffff.USHH? HHHu
1H[];HHt{t;;tHHut{yHH[]HSS1HtH[nfD1[@S1HtH[>fD1[@HHRff.USHH1HH5HHlHH[]@USHH1HH5HHl$
H$H[]@USHH1HH5HHl$H$+H[]@USHH1HHH5aHHl$H$H[]fffff.AWAVAUATUSHHt9t5A)H
ru$.1H[]A\A]A^A_HytIH=?>IHLM,HIHx$Ht;$IEMHPHTD<u
L
H/1LHHDLTu1L$$=LHcLLTLTtHcTHtLLT$tLH\$0LT$1HLLT$tL<LTALc?LLHALT$@1LHGLT$&
AD9,$tr1LLLT$LT$u1fH
AAAuH$;,1L$A/1HL$@L$LtpHLHHcLHLHLLl$
HAIcL)HcH=D$1MLHLRL$@H)|
@L|
L|

L$H5H=Y)EH5H=3[EAWAVAUATIUSLLHHT$
L$,DD$L$yAYtHHD$sMyHH\$E1LHmD$etHI$HD$\Ld$`HD$0Dl$<HD$@IcHD$HL$0D$<L;HtHOHL_D$
\HHD$]HHD$^sHcT$,Ht$ LpHt$@Lp1LLpHcLLHHD$H-|$CAAD$(D$8AoAfD$`AvEAAoGfD$pAGt.AAoG
f$AG
tAoG0f$AG0D$89:Hct`A04P9#Hct`A04P9Hct`A04P9Hct`A04P9Hct`A04P9Hct`A04P9Hct`A04P9Hct`
A04P 9~oHct`A04P
9~\Hct`A04P9~IHct`A04P9~6Hct`A04P
9~#Hct`A049~HT`A0D9lHtLvqHT$LLn1LLntu~|$(1eH|$ofD1H[]A\A]A^A_@LxHnD$f1L%YfLnH|$n1f.LD$n
H|nD{HD$0L|$H)$hLpnH|$fnFfff.AVAUEATUISHAHDDt@AVDDD$LHI.H
[]A\A]A^AVAUIATUISHAHH=:>LHHHH8ULD$11`HCH8*SHHDL$@E111HLktfHCLHpHHDE1E1LLHHD$
HPT$XZ%@H
A|v/%HH[]A\A]A^H
YArv1$H
1Akv1$H
Azv1$lff.AWAVAAUATIUSHHxH4$H7L/@'H=<>HHHALH{AHteuIcDH9tWH
^A{E1#LT$0HLt
HyHxD[]A\A]A^A_HCHt
H8HL$,E11A|$,HHIAH
}UH8AH
~2DH
yA1
#1E1LT$0fDAH
;rH
)A}"LT$0DH@H{LL$LpLtLT0LADARLT$AULL$(L$$H|$ZAEXZLT$kD$LE111LL$
L$AAH5vH=<AUATIUSHIHHu.H&
HLL[AH]A\A]fDH
aAj!H[]A\A]AUATIUSHIHHt.H
'Aj=!H1[]A\A]Hh HLL[AH]A\A]HtHGHtH@`Ht 1ffff.HtHGHtH@hHt1HtHGHtH@XHt
1ffff.tt1tDG0xw0ffff.HGHtHHtf1ffff.9uHGHtHHt@9uRHGHtOUSHHHHHt
~
 HCH@0HtHHH[]H[]@fff.SH5`HHHt1H@@0BHHC@t3H[fDH
AAjDH
AAjH5H1ffffff.Gffff.HHGHHtLtH@H
YA%DCDHf.H
!A 1ff.HHGHHtLtH@H
A6DDHf.H
A11ff.USHHHD$H(HtAHGHtHHt
HC(H{H{ HCHC ;kuH{tH[]H{H{ HCH|$HC Ht9HCHT$kHSH|$H|$HIHuH
uAcH1[]f.USHHH69uDHuhHHCHtpHHtdHHH[]DH
AQeg1H[]fDH
AVggH1[]fDtH?ODHHUtH
QA]g?1kATUASHHHHHD$txH(tAHGHtHHt
HC(H{H{ HCHC CuH{u]H{rH{ HCaHC HH|$tHDHHt,Ht6HD$HkHCECH[]A\H|$HuH
2A H1[]A\D1 H@USHHHHt HD$t/uHTHtOH} H] H[]fDH
A&D$H[]@H8H
iAW1HGff.Ht;USHHHt1HHk(H[]H1[]1ffff.HG(ff.S?WuHHcH@H[H
A1[ff.S?%uHHcH@H[H
aAO1[ff.S?&uH?HcH@H[H

A1[ff.USHHHtH< H[]?uHG(fDH
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tH\H[]?tuHG(fDH
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HAk1H@SHHtH:H[DUSHHHtHH[]t=u
HG(DH
HA(w1Hfff.SHHtHzH[DS1HH|$HtH|$<H[@ffff.?fAUATAUSH97tHHAA9u+HD[]A\A]H
AsE1HD[]A\A]fffff.HtGt ~DSHGHHtHHt
HC(H{DH{ HC3H{@HC 8H{8H5'/>HH5@`[
ffff.AVAUIATUASHIHHHH|HHlHDH{(HtDHCHtHHt
HHC(H{|H{ HCkHC D;cu=HCHt4HHLLHteHH[]A\A]A^DH{H{
 HCHC DH3Ht^HT$HCHSDcH
AH1HH[]A\A]A^DH
AH1H
AAVAUIATUASHIHHHH|HHlHDH{(HtDHCHtHHt
HHC(H{H{ HCHC D;cu=HCHt4HHLLHteHH[]A\A]A^DH{gH{ HCVHC DHHt^HT$HCHSDcH
QA?H1eHH[]A\A]A^DH
AH1%H
AAWAVIAUATIUSHH(Ht$?IPMH,H#Ld$HHl$LEI}(tDIEHtHHt
LIE(I}
I} IEIE A}~u?I}t8Ht$ILLHQI](H(L[]A\A]A^A_@I}I} IEIE ~LHtHTIEAE~IUAEt@H
AoLE1HlPYH
AAL/ffff.HFHtH@8Ht@USHHH;7HH5HH1sH[]HFHtH@PHt@USHHHn;HH5HH1\sH[]HFHtHHtfUSHHH;oH0
H51HH1rH[]HGHtHHtH1f1Hw5HOHt,LMt HH AH@fffff.HGHt7HHt+HH1
~HH1Hf1AWAVMAUATMUSHHAHHt"HtHtE111Ht_MtULZt]H
A&jfE11E1H<LLDDH[]A\A]A^A_fDLH5Lc+LIHtdHLDHHD$1LL$~HLL$pL11MHLL$LH
1A.AfHD$1LL$fffff.SH7u1[HE11[11AWAVMAUATIUSIHLHXHt&Ht$4Ht$E111H$HL|$HL0HtHLjM11LHE1
M}DJLHHL$nK<HL$LCD~rID9$$5HX1[]A\A]A^A_HX[]A\A]A^A_@1L@D$Z
D$HX[]A\A]A^A_ffSHgu1[HE11[11fAWAVIAUATUSHIIHhD$t2Lt$ HT$HL%rE11L-
9fDnHHHHD$HsHL$uHnHh[]A\A]A^A_@Lt$ HT$HLqHL$H|ntLP1HLHD$_-
HIVH1yIHE1ILL1DDHTLLLHD$AEH
A"Ak?AWAVIAUATUSHAIHhD$Tt@Ll$ HT$HLpE1~L+Hh[]A\A]A^A_DmHHHHDqHLu
H
mLl$ HT$HLpHL$Hlt1L+HIgHHDLTMHLT$E1IL/LT$DD$LDLLLT$DH
A
 AlHAWAVHAUATUSHDHoH|xHH)$Ho@H|$p)$o@)$o@0)$(H$IHHHDHDhfA3I@D$
AD3$D$$$AD3D$($AD3D$,$AD3D0AD3D4AD3D8AD3D$<$AD3D$@$AD3D$D
AD3DHAD3DLAD3DPAD3DTAD3DXAD3D\$fo$D$Ld$`)$f~DDfo$DD|$D$)$f
A~Dfo$l$D|$)$f~D$$fo$D$D$)$D$$f~EDtDdAE1F$A A1C
1C,;D$D3l$1A:A1C 1At$
1>A1B*14 3t$1
A1B.1BD D1DtA
E1F48AE1D4+AD1D4;A A1B47Dt$
1t$DB,1C43l$A1G4*A A1CD5
A1CA1AA1B: D1A4
A1B41A4+ 3t$Dd5A
D1D$AE1l$LDtfnL$D\$fnt$l$fnDt@fn|fbT|$fbfnT$D|fntDfnd\$flfnLDLfn|$fbfnt$DD$fbDl$fnl$fn\
Ld`fbflfnTDTfn|$fbfnt$fbflfn\$fbfl)$)$)$)$fn|$,H$fnt$$fnl$(fnd$

fbfn|$4fbfnt$Dflfnl$<ffnd$8)$fbfn\$0fnl$Lfbfn|$\flffn\$H)$fbfnT$@fnl$TfbflffnT$X)$fbfnL$Pfbflf)$JQ
HL$H\$hHHHHHLHfoHHHD$xH;L$pfoC@foC @ foC0@0)H@P
H[]A\A]A^A_HHDhHAWAVAUATUSH8MAH$pAII@E1LH?1ILD$LIHHAH;$pLHH?wDHH;D$gH$pAH
HH=HDXHD1HHHHH9
HHAHIHHH;T$X
H$xAHE$xHD$XH9H$xH$
H$A
H5kHvHHD$H#t$HID$`ADHP$H$'^_
HLHHTXHIHIIHt$8H\$@IL$IIfo-M$6L$
H$HfoM4H$LL\$PLIH$ID6L$HD$`HLHHHHD$0H@@H$HHH)HH$(HBL_H|$pH9L\$xI9
LH$HHPH$H$HHHH$L<HHHH$@H)H$fDHHHH$#
H$HH9D$0HH+D$HH9$ H H$(HH$
fEE1fIHHo
IfDoH@DoHH@foH@oXH@fAfAqI@oPfDfofqfAgfDoffqfDgfDfDofqfofgfofDgfEfofAqffqfAfDofAqffqfEgfDgf
gfDgfAofEhfA`fEofAofDofAhfDofE`fifDofifAofDiBfrfiffAofArfAofAhfDaJffAofDafArfDafEofA`fDofafiDrfrfD
DzfrfoVffifAoffA`frffAofEfAhfDofifDaDvfrfDnfArfEOfofafaDOfrfDafrfDfofAfifArG_frfAfAQAYEIAAL9LL
AHlhHLLLLd8LtLl@fHHLL)HL)t$)l$I9folfot wHlhLE1HT$@H$H$HIFfot$
H$LH+$folIHHHHIHHD$0HHD$hLMMI@HD$`1Ht$HDPHT8HMiHL$hH4H;t$pHL$0H<
@H9|$x@
@IHH9HHu30HLX3t*u3pHLXsuu3pLXsHL1HT$01HT$HoHfAAHI9wHLHH9$tlDA3ISHL9sUD3HG
L9sCt3r4HGL9s0t3r4HGL9st3rHI94v
D3BHT$@HH)t$ I)l$L9t$folfot
=MMM\H$HL$XHH+D$HHQ@H9H$HH9IIHH1oHH@H@DoHfofofAaoHfAiDo@fofafEofifofArfEofAafArfafo
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ofAafEifDoffEifAafAaffgfofAafAifDofafDifofAafAifAafDofafDifoffAaffgfofhf`f`fhfofhf`JBfofhf`ZBI9HHL8H
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E1H8D[]A\A]A^A_AH
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Ht~[C [[fH
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1A:H
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,}AHH+DHH+DHtGuH5}Offffff.H|$H=Fs>Ht$Ht$Ht *y6H|$LH5>t~Ht/HH@H=r>Hf.1fff.USH5M|HHt(XH[]@H
|AAHDHDff.HtHtBff.Do^DoVDoN(DoF8o~HovXonhofxooooD_DWDO(DG8HwXohgxHHHHHHH=zq>Ht]H
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zA5A?D$HfDH=iHt$HHHp>Ht$zH
xzA0A1pffffff.H=p>HtH5=(fffff.HHH=zp>-
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ZA A{[1]A\H5ZH&u[1]A\AWAVMAUATAUSHIHHHtkH9Ht
HtFxBH]AHlu,MtOHj=A9AEvK1H[]A\A]A^A_@HtHE1EHEukH}H%AHE$rAEtA$AU$Dm
AtJ|$1D)`HEfo@LHHoM$fo)L$oM4f)L$ oMDf)L$0oMTf)L$@oMdf)L$PoMtf)L$`of)L$poff)$)$ u%Ld$1LD$
D$@HLd$3iH}HcL4#tfoULHH}oM$fo)L$oM4f)L$
oMDf)L$0oMTf)L$@oMdf)L$PoMtf)L$`of)L$poff)$)$HlhH}HcLm"HuH}#H}LHYyH}IcL""bH}HU Hu$)"IDE
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1HX[]A\A]HsH{"tT$H{L tH{LH!f1ffff.HH?fHHHHtkSHHH{H{H{$HC
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HE1[ffff.SH5TpHHtHtH[H1@ATUISHHHo$7H{LH{It$H{u?H{vH{mH{dHC Hy
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I$HM@[HHCf;HHHCfDHHCfAWAVH%I>AUATAUSLIIMHMHDH|$HHtsMH|$uHRELDE1HDLHtCLLH%t1
HT$PHH1tHHH[]A\A]A^A_HH1[]A\A]A^A_USHHHHdH}dH}H[]dffffff.HHUSDH_HHMHLHMAIL)IIL)ID^D
NIFIHHHg
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DHI)LHI)F(LL1HHHDHI)LLHH)F,MI1IEHIHHH)HHH)HLI1L1D^0EM1L1MMM;AIL)IHIL)DV8AD^4IV<LIH
HDHI)LHI)V@HL1IHHDHI)LHI)VDMI1MEHIHPHH)HHH)HIH1L1DVHM1L1MLMEIM)LHI)D^PDVLAIFTL
IHHDHI)LHI)FXLL1HHH`DHI)LLHH)F\MI1IEHIHHH)HHH)HL^`I1EL1M1L1IIHHH)IIL)IDVhA^dIVlHIHHg
DHI)LHI)VpLL1IHH&HH)HHH)VtMI1IEHIHHH)HHH)HLHH1L1DVxI1H1MLMEIM)LHI)AD^|HLIHH+DHI)
LHI)LH1IHHDHI)LHI)MI1MEHIHHH)HHH)HDI1IEM1L1H1MMM6AIL)IHIL)DADILIHHDHI)LHI)HL1IHHD
HI)LHI)MI1MEHIH<HH)HHH)HDH1IHLL1L1L1MLMEIM)LHI)DDIIHHHHH)HHH)MM1EHIH@HH)HHHH)
IM1IEHIHHH)HHH)HHI1L1DEH1L1MMMEIM)MIM)DIIHHH;D))HLAHHH H
H7[HW]fDD)AA)RDAE)E)p)D))D)))zfAE)A)&)D)AE)A)xAE)A),D)D)fD)D)wAE)A)%AE)A)AE)A))D),D))AE)
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$(AP%HHHLl$
H<HLHLPHI,>H|$IAVA>IHH1H|$H1L~DHTD$L)D$PDHDPHtXHCHSHHSHHSHHSHHSHHSI9@sfH\
$H|$(HLl$ Ll$HHLHHYHMH5pEHcHHHLt$@LdHL0HIIILDHHL8HHL$HH|$PIH|$ AAoIHt$H|$
IH\$~DHlD$)D$PHDPHTXL1L1IHAD$IHAt$HHAt$HHHHAD$HAtHADHHAD$L9d$ATMHD0H|$(

Lt$@Lt$8Ld$L|$HHHLHHL$E.AFLADAH|$H|$
H|$P~D$LlD)D$P*HL$Lt$H3\$PH3l$XHIHHCHcHDHIFHAVHLpHPHIFAnLpXHIFHAVHLpHPHLA^H\$
HA_AoHAHHAGHHAGHHAGHHAGHHAGHh[]A\A]A^A_AsIHAKI{HH OL_HH H1AKMKAqIyHH OL_HH
AKHH
H1HD$H|$PL~DHTD$)D$PHTPHLXHAUAMHAAEHHAAEHHAEHHAUHHAUHHAUEEOA_AGAAwA
oAWHh[]A\A]A^A_IIHHIIHH@HHHt$a1fM1fD1fL1fDL1kfDLLLLH\$
AWAVMAUATIUSILH8AHLLp1HLt$ CHtHTH|$L~D$HDD)D$ HL$
HT$HKHHHCHHL$(H@3CHKHCHHCHHCA,1AD-HH9t*HcA,H>1AL-HH9(AH8[]A\A]A^A_HtHl$
E1CHtHTH|$H~D$HDD)D$ HL$
HT$HKHHH@sHHL$(H@sHKH@sHH@sHH@sC24CD5IL9&HcC44H@21Ct5I@1I9$H?SHH
GH|HtH~DHDD$)D$HD$HCHHHSHHD$HSHCHSHHSHHSH
[AWAVIAUATMUSIHHAEAxHL$ADDL$+IHt$I~D$DT$(IH@t$*HHLHDI@t$,HHHHDT$))D$0@t$-
L$.@|$/H|$0M11H|$Ht$H|$HTHt0HT$HH@t$+HHL$)HD$(HA2L$*HL$8HAHHL$/@|$,HH@|$-
HHH9@|$.tIAHc2L4(AHH9KuAEHH[]A\A]A^A_DHt$0HL$8HAtALHA$HHAT$HHAT$HHAT$HHAT$HH
AT$ATUSW DgADfWA DfWV_ VDWA AADVOA DVD_DA AD^O A D^o
DA A AnO nDO A AADNO
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NT A%A VXADF\ DFh AA A D E A DNlA DA ANp VtA A% DADFx ^`A A D^d ~|A A A D D DDA A AA DA D DA
A AA E A DAADA A%DD DDDADA A D AD AA DD
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I+A1Ar1[ff.fffff.fffff.ATUSHo(wcHcH+IHcHfxwH} HtHu(H*lnFH*nHLHHE
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ffffff.AWAVIAUATIUSHLHHLLDLL$
O9LcH$1IHHH=HD$vHmHH\E1HDLHH|$L|$@7HD$?D$?A1L|$@HD$(fDHt$(H1LHMt-L;$LvHLH)HD$
LH<(StAD$H;D$IADd$?v'E1111Ht/LLHrtLHT$Ht$HY91DL|$@1L@ HHH[]A\A]A^A_1@Hl$
AWAVAUATUSHhHG(LxMIHx HdIHttJ1Hh[]A\A]A^A_HHP(uL0HH0IHL1HZYHH0Hl$
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H+%A@H0H{0 HH5%C[?@IH= IupH=
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H{HtHsH!d";EHj!IcgHHCHIcHSY@H1HFHJH9HS +fDH1HHS(@H5 i9HCsH5 i8HfH
AlAk41HHIH="HIH= HH=HH=iHNx{AOP H0Hc=fDA< H0HcHHHHHH9HIAuHHF1Hu
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j4Agh{ATIUHcSH_(tbt"t[]A\H[]A\HxH)9[1]A\fDxH{HtHsHEF5HH{
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LLH)$IL|$AL$]1fDSH_(H4HsH{1HH{" HH5p6[0ffff.HS>mIHu+~du%~uH_(H3GHH[H=HtmH=!
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HAC0E@MH|I4I)11MIfDoHf)HI9wLHHI9tfDA0THI9wHoLL,DH
IAke4rH1[]A\A]A^A_fDH
AAo4q1H
LL$,$q1@A0THI9u311}s i
_UKA
7SH5H(
 +HtHC([fDH
A)An4p1[USHH5H1HHW8H_UH5H1KUH5H17HU@H5H1"HUHH5H1
HUPH5H1HUXH5H1HU`H5H1HUhH5H1HUpH5H1HUxH5H1HH5#H1wHH5(H1_HH5-
H1GHH52H1/H1HHH5.[]ATUISHHHt4HL1jH/!HHTH[]A\[]A\ff.Gt`AUATL%USHI1HIU1HHtH@Hu1LHZA9]
wH[]A\A]ATUISHHHt4HL1jH_
HHTH[]A\[]A\ff.AUATUSHHOH7AIE11LFIfH6Ht!1fDHvHHuHtIHI9LtIfH5LH1\H51HHHMuH[]A\A]H1AuIH
HI1HHHHH1HHHIIHHH1HH5G[]A\A]1H5H111HHH5[]A\A]11fDATUISHQH)Ht4HL1jHHHtH[]A\X[]A\1Htct\

AA fDHEHL HIHH1A)HDHH H1uHHH1@ATIUH5KSH3%HHt\H5);%HHtZMtEHLcuH-
=HHkC$HCHC(HC0H[]A\@L%=H5G1#H5HH1#DHAUATIUSHWHtJH-
aE1fDDH<Ht%@H_XH#HHuAUIEAA9rH5\HR#HLH5
[]A\A]]4#@fffff.AWAVIAUAT1USHHwHG8HHH9G(wDg Do$_H?AD$A98HE
C,ENMHE@LIIHt2HA1HyHI9I8IHAI IHuLUIHE`M$1HE
H9HEHcHD$HEL<IHLL{H[HI$L;kuHEhH;HD$LuIHHL2HExH[]A\A]A^A_fDML1HfHLA6H4HFIH!HDHEH<
)1HJI]$D}HEHE MH}qH5mR!Ht-
L0H@LhI1HEpHE8H[]A\A]A^A_H[]A\A]A^A_f.AWAVAUATUSHHHHt$UIHE`M$1HE
H9sML1HHEHcL}LL4IHuLsH[HI$L;kuHEhHt$H;AuI>HHGH5
IH HE8MHHHE8vH1HH9E0sHH[]A\A]A^A_U u$HE|2H<L'HtOU HcHEPHMHHuwfDHHBHuLbfDH1wH
HHt"U$HEXmHEMU$U
y-L %ffffff.AWAVAUATIUSHHtHATIID$`AL$$1HAD$ H9s
AL$L1HI$HcM|IL4IHu[LsH[HtKHEL;kuIDhHtH;AuIHt!HI$H[]A\A]A^A_DI$1fHt[AVAUATUSDgAx@M
cHII@IJ(Ht@HXH8HHuAIAu[]A\A]A^fffff.HtsAWAVAUATUSHDoAxEMcIHIIIJ0Ht@HXH8LHHuAIAuH[]A
\A]A^A_fD1HAUATUSHH?@t]AE1 fHHL L}HIH1)HHIA
I1@uLHL1H[]A\A]fffff.1HtHG8HG0ff.Hw0ff.HGHGTHHfoH)H\1HDAWAVIAUATHUSHHrAKECHtODDL
$|$D$L\$D+SD1D[DS!kDc D1T$DDDT$D\$1!1AD[0A1ED!1DDS(D1A1C!1D$
DA!1E1DKAsAD!DL$1t$1D1s$!1B
D1t$!DK8D1E
1!1B4DAA1EDC4A!A1A1{,AD!14:D1!1H@B4D
1!D1E1!1DDAA1A!A1SDA1AA!A1C>EyZ A
A!!D ADD5yZ A!!D ADEyZ A!!D ADEyZ A!!D D|$D
EyZA A!!D ADDt$A!E6yZ !D D|$DEyZA !A!D ADEyZ A!!D ADDt$A!
EyZ !D D|$DE7yZA A!!D ADE
yZ A!!D ADEyZ A!!D D|$D
EyZA A!!D ADDt$A!EnE6yZ !D ADDyZ A!!E4nD ADDsA!
nEyZ 1!D DDt$
11DEn1D1 11E2n1DEn111EnDD\$D|Dt1DEn 111D\$D1DEn1D|$1EnDE3n11DEn
1117nDDtHl1DEn111DD$1DT$An
1t$1DD${L$n1Ht$1L$H|$DHTHDHD@PD[]A\A]A^A_HAVAU1ATUSGHAWHIGGXHHHWt4LwH?I<w^H
TH?wSHGkX[]A\A]A^fHHHH{DkXHLG[]A\A]A^A@I)II$LHKD,JD/HGHH)H)LHHrH1H4H4HH9rL)LHMBfH
HCXHCAFAF
AF0tLH
HHIH)HAfAu2MyA$AhCD,fBD/WA$CD,BD/;fDATULfSFXHHDHH8I@8H)H1ZtcCLHCPcQCSCSRCTcUCW
SVCXL@ HEeHHUECHEeHHUECHEe HHU
ECHEe
HHEU[]A\HqHHDHH) 19H<rD@H)t1HH9rLHL8fD1fTAUATHE=USIHIHhHHHDHDt8LLHHHH\J
HhH[]A\A]@Hh1[]A\A]USATAVAWHHH<E]MUH9AAAADAA1BxjA!DVA1DAA1BVA!DVA1DAA1Bp
$A!DVA1DAA1BA!DVA1DAA1B|A!DVA1DAA1B*GA!DVA1DAA1BF0A!DVA1DAA1BFA!DV
A1DAA1BiA!DV$A1DAA1BDA!DV(A1DAA1B[A!DV,A1DAA1B\A!DV0A1DAA1B"kA!DV4A1DAA1BqA!D
V8A1DAA1BCyA!DV<A1DAA1B!IA!DVA1DAAAAA!Bb%A!DVE ADAAA!B@@A!DV,E ADA
AA!BQZ^&A!DE ADAAA!BA!DVE ADAAA!B]/A!DV(E ADAAA!BSDA!DV<E ADA AA!BA!DVE
ADAAA!BA!DV$E ADAAA!B!A!DV8E ADAAA!B7A!DVE ADA AA!B
A!DV E ADAAA!BZEA!DV4E ADAAA!BA!DVE ADAAA!BA!DVE ADA AA!BogA!DV0E ADAAA!BL*A!DVE
ADAABB9A1DV
A1DABqA1DV,A1DAB"amA1DV8A1DAB8A1DVA1DABDA1DVA1DABKA1DVA1DAB`KA1DV(A1DABpA
1DV4A1DAB~(A1DA1DAB'A1DVA1DAB0A1DVA1DABA1DV$A1DAB9A1DV0A1DABA1DV<A1DAB|A1
DVA1DABeVA1DA1DAAA1BD")A DVA1DAA1B*CA DV8A1DA

A1B#A DVA1DAA1B9A DV0A1DAA1BY[eA DVA1DAA1BA DV(A1DA
A1B}A DVA1DAA1B]A DV A1DAA1BO~oA DV<A1DAA1B,A DVA1DA
A1BCA DV4A1DAA1BNA DVA1DAA1B~SA DV,A1DAA1B5:A DVA1DA
A1B*A DV$A1DAA1BA DA1DAA1DDDDH@H9gE]MUL<LtLd$H\$Hl$
H(HAVAU1ATUSGHAWHIGGXHHHWt4LwH?I<w^HTH?wSH:kX[]A\A]A^fHHHH{DkXHLm:[]A\A]A^A@I)
II$LHKD,JD/HGHH)H)LHHrH1H4H4HH9rL)LHMfHHCXHCAFAF
AF0tLHHHIH)HAfAu2MyA$AhCD,fBD/WA$CD,BD/;&fDATULfSFXHHDHH8I@8H)H1ZtcCLHCPcQCSCSR
CTcUCWSVCXL@ HEeHHUECHEeHHUECHEe HHU
ECHEe
HHEU[]A\HqHHDHH)
19H<rD@H)t1HH9rLHL8fD1fTf.HGHGTHHfoOH)H\1HAUATH=USIHIHhHHHDHt8LLHHHH\
HhH[]A\A]@Hh1[]A\A]AUATHu=USIHIH(HHHDHt8LLHHHH Z
H(H[]A\A]@H(1[]A\A]HAWAVIAUATIUSMfInE1HAvHD$ H\$0HTHDHD$(HD$fDC/GD/@I A~LAvL$(L$
LDD,DD$$D$HL:H|$HhHHHH|HCLT$(D$t$,13L$ D1D3D$$AVAvAANAF
ANAFANAvAAVDAFDEFAL9l$E^ANAFAVEFH[]A\A]A^A_fDHRRRRRRRRGHGH%%%%%%HGAUA
TIUSHHHHtVH|H)H9Ht1ALHH9rHuH)IEHfIIu_L)uH[]A\A]fKt%H}H3]H[]A\A]@H3]H[]A\A]DLLHJAWAVA
UATIUSHHVu0t+HCIEHCIEH[]A\A]A^A_@H|1)L{Lt$(CDcLkDd$D$$ll@CC
CLLL{bLHLLL?H|LmDT$D1D3$$13l$SsCcDDcAk
@kKSCcDcKSC@kDDHz=HtH;]=tf-ff.Hyz=HtH;-Z=tfHt=z=t
/z=2.f1ffff.H!z=H;jZ=IHt
HtLHtMtL0fDLnfDH-1HfDy=t)HtH=y=HtH5y=HtHy=ff.ry=1fHt
Hty=HHt
H]y=HHt
HFy=HSHHHtH1Hr&HH[f.Ht;HATAUHSHuDHH[]A\G+
ffffff.HHHAVAUEATIUHSHt{H9rFDHHHItHHH/DLHHQ[L]A\A]A^DH)H<IH
[L]A\A]A^fDHHfDLE11HxxHcH;T=}lL;=HH+)=HIIPH1AILHHHtGH9
.=v>HHH2HHr=ID HH5H=L]H5H=hO]H5H=P]H5H=M]fffff.HHe=H9H]=HH9spH5=H9wLH
1=HH9v=HHHt&H9v]H9wXH~H9xufHpH7HfDH~H7HH5H=Y]H5H=X\H5H=]\H5H=Fa\@HxyHcH;=}mL
k=HH+Y=HIIQH1AILHHHtHH9
^=v?HHH2HsAIAA!DHH5H='@%\H5H=C
\H5H=D[H5H=A[ffff.HAWAVAUATUSHHHH=o=H9hH5g=H7H9TLc=1L
j=I@HD$HD5H)H5J=Ht]HHAHrFHL$&HEIrHHHHuHLHDD$,HL9L$,HH)HHVH1HHHHHoH;
=bHHHA8Ll$Hr=HDJMH=5=HHt$,HCHD$
FI)FL|$0HHD$8MfDL=A
HDHMHHHHH!HIf1HHD$HIIG<IPGIAH!HIL97HL;l$0\Lc|$,L+|$ML9=N=BHHt$KHH9=I=HHAHHLDH^HEH
tHUHPHUHHEHt@H@H
=H9rH=HH9r'H=H9H=H9H=I9H5=xH=g=HDH+R=HHWHl1HL$HH)H;
`=HHHH`H'=DLtI$Ht IT$HPITHIHt@H@H=H9rH
=HH9r H=H9H=H9fILL9DHCIGEH5=wHH+DHD8LH9f=ZH=I=HH+7=HHWHQHHH1HH
H;
A=HHHHqH=DHLt$ H==HL^H=J0ILt$ H9L=H5=DH1HHL
=EL)HH|HDHHHHHHE
I[HH[]A\A]A^A_@HH50H=dOVH5H=8.VH5H=5VH5H=86UH5H=tUH5H=HiUH5H=wUH5H=tUH5gH=fUH5
OH=enUH57H=8*VUH5H=H^>UH5H=8Y&UfDUSHL=I9 L=KH9J1H=H-
=L)H5=HsHtIHHLHs"0fDHADLAMrHuyHHHuHcH9IHIRL)H1IHHHHtYH;
3=sPHHHDtjHL[]H5H=*TH5H=SH5H=[8SH5H=5SH5H=SH5jH=6SfATUSHz=t1H[]A\t$H<$\HHI=tH<ftH)=)
=)=)=)=HGH^!t
fD~HcH1HH==H5=HHHH==HH1

HHHPuH<H5UHQ=HH:=H=U=H5&HxHH&=H=)=H5HLHH=<HL$HH5=1E1A"LH5="HHl=H==H=H<(1H=[=
H5O=H=X=H=,=1H"!1HH)=I|HHH!H==
H5=H==HH5=H==H:=HfD1H5H==H5H==H5}H=V=HtH5R=HtfH==).=)7=)@=)I=)R=}ZHP=H[]A\A
>H5H=zPH5H=PH5H=OH5H=qOH5H=OH5H=bOH5iH="OH==t1HH=5=H5.$H=5=H5H=%=H5H==HtH5=Hu\f
H===)=)=)=)=)=XH=Hf.f=f=AWAVAUATUSHH(H=j=EXL&=L9wpH*=H+=HHH9HL$vDHHH9wHL$L|$Mx4
JH=H\$fL,Mu?IHIu11H==H=WH(H[]A\A]A^A_L9|$EH5=EIcH9LDH+=A=IIBMHJ,w@H
I=HHDHHH!IHH9\$L;|$H=I9H5=IQHEHHHAD1LHHHIHH;
=HHIDH=DLIEHtIUHPIUHIUH>=Ht9HRH9rH
1=HH9r H
=H9H
=H9L9,IH==EE
McL;%=L=LDH+=IIPH
1IHHHHH;=HHZH}=DLH=S=LHHA=L9,(=H(=DD|$H5A=HIL;%=H9LH+=HQHR1HHH)H;=HHH=DLIH==LH
'L=M;,(,L$Lr=LL1L=LMHDH)IHt$H5==H)HIHHHHAH1H\$IIcH91HDH+=IIRHD1IHHHHH;
=HHHAH=DH1HHtHSHPHSHHH`=Ht,HRH
`=H9sTH9H
C=HH9H9lH'=H9\f1H_HRH5=HH9sH5=H\$IHt$HAH5H=5HH5H=\8HH5H=6HH5H=,HH5kH=<tHH5SH=?rHH
5;H=AZHH5#H=/BHH5H=<5*HH5H=8HH5H=<GH5H=$JGH5H=FGf.=uff.USH=uH[]HH=v=1OQH(=H9rH$=1
H9H=M=HQH[]ffffff.HtsATUASHHytEH==PHHHH} HH)-
=[]A\H==P@DHH[]A\fDfDHAUATIUSAHHHtHH==\PHTHHH&} HH)-l=H=P=H[]A\A]APHH|
HDLH[]A\A]DfDH=SHH==OHH==HOH[11AWAVAUATUSH(HHLDHIIIMHjLHH]HHH\$LHD$@HI$H3HI
HIT$H3VHHSH$AL;d$HSHuH\$HLLAN1
f.HA2THPL9rLHTH
TTHTTHTTH
TTH TTHTtxTHTtiT HT tZT
HT
tKTHTt<THTt-T
HT
tTHTtECH$HHAHD$oH([]A\A]A^A_HLHAWAVAUATUSHXHH|$(wH9IILMH%HRIMIHHBHT$0HHHD$8H
|$
IHL\$HLLLDLAL\$LD$ImHL$II1ISI1PIH;l$
MuHT$0L|$8AHHT$(oMHHt$@HAT$@M2IAT$AM2SIAWKT$BM2SIAWKjT$CM2SIAWKMT$DM2SIAWK
0T$EM2SIAWKT$FM2SIAWKT$GM2SIAWKT$HM2SI AWKT$IM 2S I
AW K T$JM
2S
IAW
K
T$KM2SIAWKtiT$LM2SI
AWKtPT$MM
2S
IAW
K
u/T$NM2SAWKECHX[]A\A]A^A_fDAfBD%B#IIuf.HHHBL|$@IHHHDHD$fDHHL$HLHIAHD$@H3HUHL$I
EHD$HH3CHHUIEH;l$HSuIAHLifHG LG(8HO0 @DEAED)AI9AwWHGHAOHDWHHW
HHWHWsNtO|1HH8WHH0W HH(W
HH WfDHH HOJLHJL
H)H)r1L9LrBDfBD
sGBDBD

X@fAWAVAUATUSHHLw(LoH@HHW0ILAHHC HHKIHAHIL9H|$sDKDC{D[KHD0{@0kH8A1H0CH0
A1HH(@s1HDK@{|$H @0{A1DCD[HS0@w%Ht
IL3HA2L$L3vLLAHC
HtHS01H[]A\A]A^A_f0C@0kfD2D$1E1D1C@sDKSDC\@AWAVIAUATIUSIHHH_(HT$Ho0@D$&uHwHIG
D$&D$'A)T$ }E,A)LHE,A)I LHE,A)I LHtmE,A)I LHtME,A)I LHt-E,AI LHtEoAGI LHEoAGI M9Ll$IVH HHIW
H9IW ImIMoIIFLtHD(LHDHD0HfII1WLIT$I1WLHHLH4$AGPAWueAGPAWuUAG
PAW
uEAGPAWu5AGPAWu%AG
PAW
uAG PAW
uAGHT$0I3$IIIVHT$8I3T$IVL;d$5H|$(Hd$H|$HDHAA0WHATA0WHAT$A0WHAT$A0WHAT$A0WH
AT$A0WHAT$A0WHAT$A0WHAT$A0WH AT$ A0WH
ttAT$
A0WHtdAT$A0WHtTAT$A0WH
tDAT$
A0WHu4AT$IA0WHHHH4$LT$0HD$A2$4IHHHH4$LT$0HD$A2$H|$,T$1H|$A2T$HPAT$2T$2HPT$3A2T$
HPT$4A2T$HPT$5A2T$HPT$6A2T$HPT$7A2T$HPT$8A2T$H PtsT$9A2T$ H
P t`T$:A2T$
HP
tMT$;A2T$HPt:T$<A2T$H
Pt'T$=A2T$
HP
uT$>A2T$PT$'L$ 1HLuHqHHD
HH)r19H<rfDHH4$LAoGD$&fD$0A1AGHH[]A\A]A^A_fu<tt1fD
fD1PfHD$0H$LD
tfffff.AWAVIAUATIUSHHHHo(Ht$Lg0@D$&uHwLD$&D$'A)T$ BAA)HA<A)H Ht~A<A)H HtaA<A)H
HtDA<A)H Ht'A<AH HtAOAGH HAOAGH
H9HL$HrHMoHHCH\$HD$(LHD$HD$0H$LMIfDLH4$LAFPAVueAFPAVuUAF
PAV
uEAFPAVu5AFPAVu%AF
PAV
uAF PAV
uAFHT$0H3LLHIIWI1VHT$8H3SIWI1VLL;|$@Ht$(HdLHtH\$MIHLLH4$H|$T$02AA0WHXT$12WAVA0
WH>T$22WAVA0WH$T$32WAVA0WH
T$42WAVA0WHT$52WAVA0WHT$62WAVA0WHT$72WAVA0WHT$82WAVA0WH T$92W AV A0WH
trT$:2W
AV
A0WHt\T$;2WAVA0WHtFT$<2WAVA0WH
t0T$=2W
AV
A0WHuT$>2WAVA0Wf.ILHT$'L$
1HLr}HqHHD
HH)r19H<rfDLH4$LAoGD$&fD$0A1AGHH[]A\A]A^A_f.u<tt1fD
fD1rfHD$0HH$D
lDAWAVIAUATHUSHHHX7L(LD$Lo0@t$@uHL$HwLAHC HD$|$A@@|$@;A)A|D)H<)H Htt<)H HtY<)H
Ht><)H Ht#<H HtKCH HKCH H9HL$0HPH HHHS H9HS ~IIMHD$ HCILLHHD$(ILHD$L\$8HD$
HL$@HIHIHI)xKL\$8AHHSHHHH HSHHSHHHH HS
HHS

HHHH HSHHSHH$HH ttHSHHSHH,HH tQH4HS
HS
HHH t1LT$0HC HC HHLH<HH tHCA0CI?AF0CIAF0CIAF0CIAF0CIAF0CIAF0CIAF0CItAF0CItqAF0CI tcAF 0CI
tUAF
0CItGAF0CIt9AF0CI
t+AF
0CItAF0CI-AF0CH|$(LLD$ HAHL$@LHHHL$ALD$
HUHL$II9IV@H9@3+AofD$@El$I1Hr|ID$I$JD%HI)Dr19H48rf.LHHAoCD$fD$@1CHX[]A\A]A^A_D@t@A$
t1fBD%D1+fHHL$@+HsIHt$(H|$(LD$ LHAHL$@HLHHL$AHLLD
1D$@A2IEAF2D$AIEAF2D$BIEAF2D$CIED$DA2FIEwD$EA2FIEaD$FA2FIEKD$GA2FIE5D$HA2FI
ED$IA2F I
E D$JA2F
IE
D$KA2FIED$LA2FI
ED$MA2F
IE
D$NA2F@EAF2D$OEfA$BD%f.fDH|$(LD$ LHAHL$@HLHHL$AD$@1HL$A2LD$
E;AWAVIAUATIUSIHMHHHW0Lo(HT$@D$uLD$HwAD$LTDA)AA)HA<A)H Ht~A<A)H HtaA<A)H
HtDA<A)H Ht'A<AH HtANAFH HANAFH L9LHHwI~HHLHD(LMH|$
IHALLHD$(HHIH)$AvHLAVHHHH @HAVHLAVHHHH @HAV
HLAV
HHHH @HAVHLAVHH$HH tv@HAVHLAVHH,HH tP@HAV
HLAV
HH4HH t*@I<HAV HAV HHL tLAVL|$0HL$(HT$LLAI~ M9HL$(L9@ I9@H9@
!H@@IT$H9HS@I9@ofD$0A$AoNfAFH|$ HT$HA\$L1Hskt
EHT$LLAAoFD$fD$0A1AFHH[]A\A]A^A_fL|$0fHUHEHD+HH)r19H4rr1fT$02A$A0VH
T$12SAT$A0VHT$22SAT$A0VHT$32SAT$A0VHT$42SAT$A0VHT$52SAT$A0VHT$62SAT$A0VHgT$72S
AT$A0VHLT$82SAT$A0VH 1T$92S AT$ A0VH
T$:2S
AT$
A0VHT$;2SAT$A0VHT$<2SAT$A0VH
T$=2S
AT$
A0VHT$>2SAT$A0VHS2T$?AT$A0VyMIFLHD$
fDED+{@1fD+afDH9Ht1HWrGHH>H|H|H~HH)H)r1AN9NrDut@>tTfTOTTAWAVIAUATIUSHHMH(E9D$`L
L$EM@!PIIT$MHHBHDHHDL$HLLT$hAL$w8DAOItH<LI1MH>wIT
H4H:H1I<
H2IHE1H;\$uLt$AM=HLLT$hDIt<DA1E@>LHAwMLDA)D1IA,EAWMLDA)D1IA,EAWMLDA)D1IA,EAWM
LDA)D1IA,EAWgMLDA)D1IA,EAWAMLDA)D1IA,EAWMLDA)D1IA,EAWMLDA)D1I A,EAW MLDA)D1I
A,EAW
MLDA)D1IA,EAWMLDA)D1IA,EAWtaMLDA)D1I
A,EAW
t?MLDAOA)D1IA,EtMDA1AADD<>HD$D8H([]A\A]A^A_DMDHsLAOI:I1A~A@2uIXf.IIT$MHHBHD$HHD
LHLLThALw2DAOI|5H3H3HI1wIt
HH3HI
IHE1H;\$uLt$AMHLLT$hDMI|532IA6AM\53A2IAA6AWM\4A23IA3A4AWyM\4A23IA3A4AWXM\4A23IA3
A4AW7M\4A23IA3A4AWM\4A23IA3A4AWM\4A23IA3A4AWM\4A23I A3A4AW M\4A23I
A3A4AW

M\4A23IA3A4AWtuM\4A23IA3A4AWtXM\4A23I
A3A4AW
t;M\4AOA23IA3A4tMDA2AAfF<M_DHAOLII2SAAVuI5fffff.H7AWAVAUATE1USLH8HL$(HT$
Ht$H|$f.DA1DT- HH @s SHH @sHH(@ SHH8H0 @s SA HD$@k N0DSLHAE @s D S
LH @sLH(@ SLI8H0 @s
DEE D[SDA" IL9d$
AtqHD$MDILCH+HT$(B0LHLHEADTxDpLLD#D;A1E@H8[]A\A]A^A_fffff.AWAVAUATUSH8HL
d$xt[D$pMHIHL<AouS)$HLLAHICAUD$1oD$AVI9AEuH8[]A\A]A^A_fD)$HLLAHICA2ED$AFI9oD$AEuA
WAVMAUATIUSHILH(HD$`HL$D(Eu.1DHAAII2UAAVtMuIBIT$IHHBHD$LHDHTLHT$hS@sSSS
S
SSSSS
S
S S SSSSSSSSSSSSSSSSIUI3IIIVIUI3WIVL;tHlAE1MmHTLHThSLAuKSSS
S
SSSSS
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S S
SSSSSSSSSSSSSSSSDA2LHAaA2LIAAUDA2LIAAU)LA2IAAUA2LIAAUA2LIAAUA2LIAAULA2IAAULA2
I AAU LA2I
AAU
tpLA2IAAUtYLA2IAAUtBLA2I
AAU
t+LA2IAAUtLA2AD,>HD$`D(H([]A\A]A^A_DAWAVIAUATIUSILH(HD$`HL$D(Eu*-
fDIAAIIA2FAAGtMuD]AI_1DlLLMD$ME@H)IHL$HLLThDEUE1MU
U
U U UUUUUUUUUUUUUUUUHI)IIIvRLHHHGAH9IHIHLLLThDEUu@ELL$MMDl$Mu
HD$`D(H([]A\A]A^A_ffD\$HLLLLLIAT$hD\$LL$ADEUDLAuAA2HA_AA2IAAUBAA2IAAU'AA2IAAUA
A2IAAUAA2IAAUAA2IAAUAA2IAAUAA2I AAU AA2I
AAU
tnAA2IAAUtWAA2IAAUt@AA2I
AAU
t)AA2IAAUtAA2ADD,>UMU
U
U U
UUUUUUUUUUUUUUUUUHAWAVIAUATIUSHLIHAgLzLLHALLCD,L$0L\$CD,0CCD<0CICD<0CICD<
0CICD<0CICD<0CICD<0CItyCD<0CI tjCD< 0C I
t[CD<
0C
ItLCD<0CIt=CD<0CI
t.CD<
0C
ItCD<0CI.CD<0CLHHAAHUDsAoLEH[]A\A]A^A_ILLHM)LLC<L$0IL\$tCD<0CIp1DHEHEDHLHLHMHH
H)H)D^1L:9L9rC
M-TfT
MTT
AAWAVAUATUS1HHwHH[]A\A]A^A_IHIALIL)ILLHHvMtA.L$0IHD$AT.0SIAT.0SIAT.0SIAT.0SIAT.0SI
AT.0SItyAT.0SItjAT.0SI t[AT. 0S I
tLAT.

0S
It=AT.0SIt.AT.0SI
tAT.
0S
IuAT.0SLHHMoBD-
LHAWAVIAUATIUSHMHH(MHDH<$AI)LD$LAH$fH|$N+L\$IH)D$Lso1,IrswtARALAMAH(L[]A\A]A^A_@
1MD9LrH4Ll1DIBIIHTITIRHI)BDM)qA1MD9L
rR@IrsfDfDH@ARATATTfATH.AWIAVAUATAUSHL)MMH(IHHHHtHAAMH$uH([]A\A]A^A_fH|$HAH
H)D$sK1AAuqAu[ItHt$MLAAH(H[]A\A]A^A_D1LD
9LrH4HD
D
fDHAtf
Ad1DHAWAVIAUATIUSIHLMHHATIBLjH$IB M)HD$ZHL$ LT$LHHt$0HLALTHL$HCfoD$0HADI)D$
M1@@oVHHHD$LAHD$It$H}L9H9 H9H9AD aH9I9MoEfD$
oAMIT H9HC H9`H$HHNoCfD$0ADHDHH[L]A\A]A^A_fDLjAHD$0H$
M)LHMILLLT$LMbLT$z1DA1L0D9L1rLH@2A0D2fE0H2@A0]f.T$
2UAT!2UMKATT"2UMKATT#2UMKAT$T$$2UMKATT%2UMKATT&MK2UATT'2UMKAT$
T$(2UMKAT$T$)2U MK AT$ T$*2U
M K
AT$
T$+2UM
KATT,M2UKATMT-2U
K
AT$
T$.2UM
KATT/M2UKAT$MDCH<$2D$0HAD$C2D$1HAD$D$22CHAD$zD$32CHAD$cD$42CHAD$LD$52CHAD
$5D$62CHADD72CHADD82CHADD92CHADD:2CHADD;2CHADD<2CHADD=2CHAD$}D
$>2CH AD$fD$?2CAD$Tf1HAWAVIAUATIUSIHILHHAMoIM)LlHL
O,4LLTHt0HL$LAHL$ALfoD$0LT$)D$ Hw1ASA)ALHHAIVH{LEML$MI9L9@ M9@L9AD !M9@L9AD
!L9@I9AD @/L9@H9@ofD$ Ao$)L$ EAoED$02D$
HED$12D$!HED$22D$"HED$32D$#HED$42D$$HED$52D$%HED$62D$&HED$72D$'HEtxD$82D$(HEtfD$9
2D$)HEtTD$:2D$*HEtBD$;2D$+HEt0D$<2D$,HEtD$=2D$-HEuD$>2D$.EHD$HH[]ID
A\A]A^A_f.fDcHHL[]A\A]A^A_27@D2fD7HAfD2A7D1M49L1rH<LdLHL$MLLT$L$ A4$2@t$
MAED$!2CAL$ECD4L$!CD$"2CAL$ECD4L$"CD$#2CAL$ECD4L$#CD$$2CAL$ECD4L$$CD$%2CAL$ECD
4L$%CD$&2CAL$ECD4L$&CD$'2CAL$ECD4L$'CD$(2CAL$ECD4L$(CAL$ D$)2C L$)E CD4 C D$*2C
AL$
E
CD4
L$*C
D$+2CAL$ECD4L$+CD$,2CAL$ECD4L$,CD$-2C
AL$
E
CD4
C
D$.2CL$-
AL$ECD4L$.CD$/2CECD4C1AWAV1AUATUSHHHLD$IIHAIMIBHD$HjL)t'LT$HLE1LD$LHIHALTfLt
LT$E1LLLMF)D$ I)D$0ALLLT$AD1L LE1LD$LAHD$ HH|$ITHTHS1HH)I)I49H4
rHD$HHH[]A\A]A^A_HD$

A@A1ItD9I4rI4L0>@<f<H%ffff.1HvHAWAVHAUATIUSIHHMH8Mu(E1AHH8[]A\A]A^A_fDHH)tH$E1HAH
$IHfLT$I<HD$E1LL$)DLD L)D$ ALHDLL1utHD$L
LLL$E1MAHT$HDHULHILHLHM1HH)I)I<29H<1rH@
<
f<Hg
Jf.1I<9I<
rI4LAWAV1AUATIUSHHHHkPHHGHHH)HHxHHHHAH
(<HSPHCXHHHSPHCXItzH{`HAAt8)HT<H`H<HhH[]A\A]A^A_2H<H`H<HhH[]A\A]A^A_IHIHI?HI
HHMMHHLL!HHC`H1LHChIHHI?HII LIM1HHL<$LL!ILH1LIHHI?I1HI
LLM1LSxHLL!IIL1MH1M1H{pI1I1HL|$LMM1H1H1H
H$H1LLI1I1I1I1H1I1I1I1H1L1LHL0L8L@HLHLLL(HHHXH<H3T$H`Hl<HPHhH[]A\A]A^A_AWAVAUATU
SHHH8H`HHT$(HG0HG8HpHD$HG`HG@HGHHD$HG@HD$HD$(HJHE1E1HE1E1HDE1E1D$D$E1HD$
D$E111111ZDSGD[HDsIC@SAKBsC{DDT$D\$Dt$DCEDKFDSJD[KDcLDkMDsND{O2EHC@2UD$SA2MK
B@2u@sC@2}@{DD2EDCED2MDKF2ECGD$2ECHD$2ECID2UDSJD2]D[KD2eDcLD2mDkMD2uDsND2}H
t$H|$HD$D{OH;l$ HD$(HU0S@HU0SAHU0SBHU0SCHU0SDH}U0SEHtpU0SFHtcU0SGHtVU0SHH tIU 0SIH
t<U
0SJHt/U0SKHt"U0SLH
tU
0SMHuE0CNHt$H|$HDHD(Ht$H|$HHH1CHHD$oC@CLhHs
HHC@HCHHxCH8[]A\A]A^A_@HHFGGfDAVAUATUSH8HG0L`Lh1HHH H9HHG0tHItHHuvfDHt
IT@HA2T$T@uCHs`H{@AIItLL)MHs`H{@LA1H
A$0S@HAT$0SAHAT$0SBHAT$0SCHAT$0SDHAT$0SEHAT$0SFHAT$0SGHtxAT$0SHH tiAT$ 0SIH
tZAT$
0SJHtKAT$0SKHt<AT$0SLH
t-AT$
0SMHtAT$0SNHtAT$0SOfDt1[]A\A]A^AWAVIAUATHUSHHHXIV8IxHt$
IHL$M`Ht$IhHt$0HH9HIV8Att0H#Iv`I~@AAt1HX[]A\A]A^A_ApANL$(HILD$ Mt1IAxA2|JHI@xAut$,LD$
HDLLHD$0IIv`I~@H|$HDrHLIIDL$(LaIvIIHt$AC!EL$(HL$ H
HtAHD@LT$8LHT$IHDLT$8HD$@AVHUI3VIUHUI3VIUD;|$(uIT$D|$(Hd$Iv`I~@LHHT$
HHHD$L)HD$0HD$L|$HD$MIvHT$LT$(LD$
t$,HD$AVAVIA2NA6LHAVAA{A2PIPCAVEKA2PIPA>~APA{A2VIPC\APEKA2VIPA>:APA{A2VIPCAPEK
A2VIPA>APA{A2VIPCAPEK A2VI PA>AP A{
A2VI
P CAP
EKA2VIP
A>trAPA{A2VIPCtTAPEK
A2VI
PA>t6AP
DA2VIP
CtAPA2VPA1D$,D$,ApHX1[]A\A]A^A_T$,H|$v0t,L$,HD$IHD$0Iv`I~@HD$D$,H|$IN`HL$HIN@HL$@INHL
$f.HDl$(Ld$ IHDMIHTHtLIIAUIT$I3UIWIT$I3UIWM9uD$(HD$
IHD$0L|$8Ht$HH|$@MHlHDH=HD$8JANAtAoF@D$,IF@IFHAT$(Ap1fDAWAVIAUATHUSHHHXIV8Ix
Ht$ IhHL$IM`Ht$0HH9HIV8Att0HIv`I~@AAt1HX[]A\A]A^A_ApANL$(HILD$
Mt1IAxJHIAA2|@xut$,LD$
HDLLHD$0IIv`I~@HD$AT$,H|$v0t,L$,HD$IHD$0Iv`I~@HD$D$,H|$IN`HlHL@IN@HL$HINHL$fLl$
HD$8HD$0Ht$@H|$HLHD$8l$(LILMIHTHtLIIAT$IUI3T$IWIUI3T$IWM9uHl$D$(MHL$LHD$
HLHl$L|$LHLd$
HD$Iv`HD$0I~@LIFIWDT$(HD$HHAHD$0E<HD$Hl$DIHD$8HTHtLIIAFID$I3FIEID$I3FIED9uT$(HT$0

HD$8Hd$Hl$L|$HHHT$ HMHD$IvHLT$(LD$
t$,HD$AVAINA6A2VLHAPAA{CA2VIPAPEKA>A2VIP|APA{CA2VIPZAPEKA>A2VIP8APA{CA2VIPAPEK
A>A2VIPAPA{CA2VIPAPEK A>A2VI PAP A{
CA2VI
P AP
EKA>A2VIP
tpAPA{CA2VIPtRAPEK
A>A2VI
Pt4AP
DCA2VIP
tAPA>A2VP1D$,D$,ApHX1[]A\A]A^A_ANAtAoF@D$,IF@IFHAT$(tAp1fff.AWAVIAUATIUSHIH8HHO8LD
$ L`HD$HhH9H$H}tHHO8poAAM:f.IAFD2DqAIIAAEtMuEHHs`H{@H$HC`IHD$HC@HD$voD|$,MLt$
ILLIHL$IALHt$CIH|HIwMD|$,LHHD$tXLLIHHLLL
HH|$LAHD$Hs`H{@LHDISI)LHALlMHsHT$HxSLkA2DHAwAUSAAOA2VIAUBSEGA2VIAUAVAO2S
IAUBxAVEG2SIAUWAVAO2SIAUB5AVEG2SIAUAVAO2SIAUBAVEG 2SI AUAV AO
2SI
AU BAV
EG2SIAU
AVAO2SIAUBtpAVEG
2SI
AUtSAV
AO2SIAU
Bt5AVE_2SIAUtAF2CAEB@D<>DpH81[]A\A]A^A_@Mu[Hw`H@At1H8[]A\A]A^A_DIv|txHHs`H{@H$E1k
@oG@oHG@HGHtp1oeAAWAVIAUATHUSHIH8HHO8LD$
L`HD$HhH9H$HtHHO8pDoEAAAEHRfIAGDqAIH2DAAD$tHuEHHs`H{@H$HC`HHD$HC@HD$vpDt$,ELl$
AHLHHtH|$LLIHL$IAIDHCwEDt$,IIt\HLL\$HLHs`HD$H{@L$AHT$LLIHL$LT$
ADl$L\$MML)DSH3HsHT$HxEMDHADKAAv2SHA$AWAANB2SHAT$AWEF2SHAT$AWANB2SHAT$AW
EF2SHAT$_AWANB2SHAT$<AWEF2SHAT$AWANB2SHAT$AWEF 2SH AT$AW AN
B2SH
AT$ AW
EF2SHAT$
AWANB2SHAT$tqAWEF
2SH
AT$tSAW
ANB2SHAT$
t4AWEV2SHAT$tAGB2CAD$D4>DpH81[]A\A]A^A_@HucHw`H@At1H8[]A\A]A^A_DHHHs`H{@H$E1T@
DotoG@HG@HGHEAEp1_UAAWAVIAUATIUSIMMW`Mg@H(HG0H,HG8HHhpH$AtLL$LLT$LA`LLLT
LHHH(HXLLLH$AoG@MAoO fAG@IH(LL[L]A\A]A^A_
O1LTLLL$)L^L$LLLT0uK0LLLLLTHLLLLT$L5fDL"LH([]A\A]A^A_fff.ATUHS1H1IJHIL$@HFs#u
ftAD$@Eul[]A\ID$@HEHtHtHEHH)H)r1L99L8rAD$@EDD@TfTfUSHH5kHWH.{HtHHHHD$&HD$H[]f.Hk_
J|SUATAUAVAWHLGL#H1H1DDHLDLLfff.IHMIL3DI<L3M3LM1Hx-
IHMIL3DI<L3M3LM1fIHMIL3DI<L3M3LM1IHMIL3DI<L3M1M3IILGLH$HH^H&fDSUATAUAVAWHIIHH
$1LFHFHMILNH^I<$L HMILELFHEHFI<T$L HMILMLNH]H^I<T$L HMILELFHEHFI<T$L
HMILMLNH]H^I<T$L HMILE LFHEHFI<T$L HMILM(LNH]H^I<T$L HMILE0LHEHFI<T$L
HMILM8LNH]H^I<T$L HMILE@LF
HEHF(I<T$ L HMILMHLN0H]H^8I<T$
L HMILEPLF@HEHFHI<T$L HMILMXLNPH]H^XI<T$L HMILE`LF`HEHFhI<T$
L HMILMhLNpH]H^xI<T$L HMILEpHEI<T$L LMxH]HLGLMLfDM3IVMvL1LHWH

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1O,kL$I0M1MM1IMIL3DI8L3LL3DL3M1O$cL,I0M1MM1IMIL3DI8L3LL3DL3M1O,kL$I0M1MM1IMIL3DI8
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B)HHzorpovB o~A mzoz` DA1B DovAmzorP1DA9B DA mDovA1zoz@9Do~B DAm Do61DA9zor0DB Dov A
m9Do~@A1zoz DB Dov0Am1DA9zorDB DovPA m9Do~pA1zo: DB Dov`1DHH/AHAmzorpA9cDB cDovA
mc9Do~A1zoz` D)B D
WovAm1DA8WzorPADA1sDsA)ovB A WA m9Do~A1zoz@C) DB Do6Am1DA8Wzor0C)DDB Dov A
m9Do~@A1zoz DB Dov0Am1DA9A(WzorC)DB DovPC)DAWA m9Do~pA1zo: DB Dov`A1DAHHHffffff.zot
H
ovo~B oooHAmDA9zorDovB 9DsHkAmDA9zorDovB 9Do~H%AmDA9zorDo6B 9DsHAmDA9zorDov B
9Do~@HAmDA9zorDov0B 9DsHtXAmDA9zorDovPB
9D~~xHffffff.AAmDA9D9DAzo"aYQQssA)!C)DC)A)C)DC)A)A)HB)zwfD

@8`$plHT @`FN
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^ f(n0v8~@89;:H?><=P6754X1023`$%'&&h#" .!p*+)6(x-
,.>/pBqsrwJvtu~R}|yZxz{lbm$onkjj,hibrc4a`ezd<fgHIDKJO
NLLMFGTEDA@\BCT"UdWVS*RlPQZ2[tYX]:\|^_FNV^ f(n0v8~@HPX`&h.p6x>BJRZb$j,r4z<D
LT\"d*l2t:|GHASH for x86_64, CRYPTOGAMS by
<appro@openssl.org>fff.ATUSLg(HGXI9HW0HHH9ML$MIf.HCXIJJDxpD?D6D @rp
D6D @z
xD?D @rpD6D @zx
D?D @r
p D6D @z xD?D @rpD6D @zxD?D @rpD6D @zxD?D @rpD6D @zxD?D @rpD6D @zDC
D1II9JHCXLK(IL[]A\@H[H]A\@HvqH)HHHKHw0HHN[Ht
HCXH1fff.AWAV1AUATIUSHHHHHHGHHH5KIH)MMHHC(HC0PkZHHCX>H{8LH+LsLk
HL{LcSGK8CWCF4 SVSE4 CUCD4 STSC4 CSCB4 SRSA4 CQC@4 SPS?4 COC>4 SNS=4 CMC<4 SLS;4 CKC:4
s9SJ6 CIC8 SH0KWsWHCX6HKV< @psU<6 H
KT< @psS<6 HKR< @p
sQ<6 H KP< @psO<6 HKN< @psM<6 HKL< @psK<6 HKJ< @p{I4? HsH0P6 HCXp6HH< @pp

<6 HH< @pp<6 HH
< @pp <6 HH< @pp<6 HH< @pp<6 HH< @pp<6 HH< x@p4? 0H0P6 HHCXpP6H/H< @p.p<6 H-H< @p,p<6 H+H<
@p*p<6 H)H< @p(p<6 H'H< @p&p<6 H%H< @p$p<6 H#H< x@p"0P/4? pH!6 H
HCXp/P 6H?H.< @p>p-<6 H=H,< @p<p+<6 H;H*< @p:p)<6 H9H(< @p8p'<6 H7H&< @p6p%<6 H5H$< @p4p#<6
H3H"< x!@p20P?4? p H16 H0HCXP?p0@HOH>< PNP=< HMH<< PLP;< x:HK? H9PJ @xIP8< HHH7< PGP6< HFH5<
PEP4< HDH3< @0pOPCP2< x1HB? H0PA P@HC(H[]A\A]A^A_H
EAAz1ff.AWAVMAUATIUSH5DHIHISHHtMMLLHHtHH[]A\A]A^A_H5aDH1:SATUHSooFGoF G
oF0G0oF@G@oFPGPoF`G`oFpGpoootHWHtHOH~XAt@HH~0HH5CHRHHEXt"HK(HsXHHQH*D[]A\fH
aCE1AAy\D[]A\@HBH
HAHUSHfHHX1HD$ fT$-HG`H)L$ HD$!GpHxD$)D$/oHH|$H)L HD$(HT$
HD$H8HT$HSD$D$$fo$)D$01T$@T$1DAD1TBT1DCD1TDT1DED12DTFDGD/H?H)|4?DL4
>DD4=AEADAD @DAA |4<DAAAE DDD4;EAD @|4:AAAE DDD49EAD @|48AAAE DDD47EAD @|46AAAE
DDD45EAD @|44AAAE DDD43EAD @|42AAAE DDD41EAD @|40AD
"D4@HX[]fAWAVIAUATIUSIHIH(H_`Ld$IHI9f1HfHtLHIOpH3LIWxHHIOpH3PIWxHHuHUH1LH1HL$IWH
D$AAoI9fD$AnAu<Mo`H([]A\A]A^A_1LfHhH(1[]A\A]A^A_IGpIWxH|$I3G8I3W@AfIHIGpIWx)D$1At
1A0AtD1fE0HAt1A0HD$BD4H~D$HTDIWfD$)D$AAofD$AE1ALL5D9L7rLHXfffff.AWAVIAUATIUSIIHI
H(H_hMJ+HD$AH
61HtHHuLHHIGhIIOMHLRLAwXL@AW
XZAAoH\$IIWAoO8HfAAD$A2IED$A2FIEAF2D$IEAF2D$IEAF2D$IEAF2D$IEAF2D$IEAF2D$IE~AF2D$I
EtlAF 2D$I
E tZAF
2D$IE
tHAF2D$IEt6AF2D$I
Et$AF
2D$IE
uAF2D$EfDfAHL)D$;1AxAVA@AoBDfDAHD$IGhH([]A\A]A^A_DHH9\$Ll$1HfDHtLHtIH3LIIHHIH3PIHI
vIVI1I1H1LH1HLHDIWAAofD$EH9\$)D$Y1HS1VD1I49H4rHL4f4HAA1AWAVIAUATIUSIIHIH(H_hMJ+
HD$AH 61HtHHuL?H^IGhIIOMHLRLAwXL@AW
XZAAoH\$IIWAoO8HfAAD$A2IED$A2FIEAF2D$IEAF2D$IEAF2D$IEAF2D$IEAF2D$IEAF2D$IE~AF2D$I
EtlAF 2D$I
E tZAF
2D$IE
tHAF2D$IEt6AF2D$I
Et$AF
2D$IE
uAF2D$EfDfAHH)D$P1AAlAVAoBDfDAHD$IGhH([]A\A]A^A_DHH9\$Ll$1HfDHtLHtIH3LIIHHIH3PIHIv
IVH1LH1HL$IWHD$AWIIH3T$H3D$I1I1HTHDfoD$EH9\$D1H>1AD1Ht9H4rHH4f4HAAi1HBHwmAUAT
IUSHHHHWoILofoWHLf)$HLLof$)$TH[]A\A]HBHwrAUATIUSHHHHWoILofoWHLf)$HLLof$)$TvH[]A\A]ff
fff.Ht3SHw0HHXH`5-
HEH[@AWAVIAUATIUSHMH(AHLLu),@IAIHA2UAWtHuHvrHUMHHBHDLHDfDHLLT`w$ItI34I4
w
ITI3III1L;l$uL|$HHLLT`HsAA2LHAaAA2LHASDAA2LHAS)ALA2HASALA2HASALA2HASALA2HASAL
A2HASALA2H AS ALA2H
AS
tpALA2HAStYALA2HAStBALA2H
AS
t+ALA2HAStADA2AfD>HD$H([]A\A]A^A_AWAVI@AUATUSHXHDuMPIv/HX[]A\A]A^A_HX1[]A\A]A^
A_L\$IHt$8HqLHT$(HLMLLHL4@K6MHDHHD@rHCMHD$

LCH\$@HD$0IILD$L|HL
Ll$LHMHHD$(L4D0|$GIv!LH0D$FLH0D$ELH0D$DKHHHHD$HAHD$HKIM9uHLHLHl$0lHD$@HL$8H
HD$HX[]A\A]A^A_AWAVLAUATUSH8HLDu!IPHHv)H8[]A\A]A^A_fH81[]A\A]A^A_H$ILHMMAHxpH0
HIVHD$HDHHH\$ HD$
HBHDHDLHJ,8H$L4fKTHHHT$(LAD0|$'Iv!LH0T$&LH0T$%LH0T$$HT$(KTII9uHl$IyHD$
HHHDH8[]HA\A]A^A_DAUATIUSHHLd$LHHt"H/HLHDHuHH[]A\A]HL1+HH[]A\A]ffff.MP1IAWAVAUA
TUSHH>/tD$LIhHMLD$LHHIHD$
LM)HHIIDDDtMLLnI<L1|eHt$MILLLsHH[]A\A]A^A_ffDHzL|nHD$I|L1I%eLLLAH[]A\A]A^A_DAWAVA
UATUSLH(I@H=ILIILt$HHL|$LAHD$LAHD$HDIMLLu(HDl$HHAHPEL9sL9s*HL7H(H[]A\A]A^A_D1@
LK<,H5b=L)buLfH5A-LAoL|$LCIHCL9,lIwAWAVMAUATIUSIDIH8HWoH|$)D$HAUHDHTH\$
8D$H4HH?H HT$%H1IHDHDHH~DHTAoDIUIIf)D$ AUHD$ HTHLH1IFHD$
HD$(H1IFIHD$(_1H8[]A\A]A^A_fDA0IH\$ IL$HH,H?HHH I$HD$H1H1HT$ HI3THT(IUAUHL$
HD$H3D$(H1MHL$ HD$(AD$T$ IAVD$
|ADT!IAVD$!_AD$T$"IAVD$"BADT#IAVD$#%AD$T$$IAVD$$ADT%IAVD$%AD$T$&IAVD$&AD
T'IAVD$'AD$T$(I AVD$(ADT)I
AVD$)t{AD$T$*IAVD$*tbADT+IAVD$+tIAD$T$,I
AVD$,t0AD$T$-IAVD$-uADT.D$.AV@HL$ HD$(HL$IUH~DHDDHfD)D$ AU1foD$
fD$AH8[]A\A]A^A_A$t$ IA6L$
xALt!IAvL$![AL$t$"IAvL$">ALt#IAvL$#!AL$t$$IAvL$$ALt%IAvL$%AL$t$&IAvL$&ALt'IAvL$'A
Lt(I AvL$(AL$ t$)I
Av L$)twAL$
t$*IAv
L$*t^AL$t$+IAvL$+tEALt,I
AvL$,t,AL$
t$-IAv
L$-uAL$t$.L$.AvHD$HH~D$HTDIUfD$)D$ AU1foD$ fD$AFAUATIUSHHH@H
Z@IHHtBH8ZfHHpHHx|]HHH[]A\A]^HHHtNLeHEHH8HuAmHbH1Am@1fD1@AE1{fUSHHt5HHHt*H8fH;8
b1ttY1H[]1ffff.ufDH
%HAem{1H`Ht;)u"H@DD)uHHH9uDD1ffff.HtCATUASHH [HxDH
4HHtHH^H[H]A\@1HfHtkUSHHHwJHHH3HtHHH[]H@eH
$ABAszH1[]fD1ffff.HHt(?t#HfD?t
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y"AgvxH5X"LE10fDH59"LE10H
""AfvwWH
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1f.HH
!AAuHDvHDfffff.HVHSHwbHHE[fffff.IHW)QEULSHLH?HH
H)iQkW<A)iGAAQ0AQ_A*DWHcKAAA))ILioAG)C,iHIDAQD)RBIE1)OK}HcHHHbk9HHHHHHHi:HBHHIHn[
|HH)LIMiLI?HHL)IHiHBHHIHtZzH1HH)HHkdHHHHH?DHH)DIAHH[AD_HBAA)H4HgfffffffHH)BDEHi
AGHH?HDHH)DODD)WBD)
)k<k<)A)_DD[]EAQAUATIUSDiJkB<AD
AQAQAEkA*AkA]AAA))[A\ioAF%,Ai)B%D@DIAAQ)RBIASA)1DK}HcLIDiQkA<ADAQE1EyAQIDi*DaAm
))@ElEioDAA,,A,iD)XIQ)RBIQ)1K}HcLx2HE)L)H~rEymHAQHtHtD[]A\A]E1EAAQI.fAQAfDHyE~HAQ9Hu
Hv`fffff.SHH=u=Ht[39|H{Hc[H1@H=I=[H{Hc[H1fDHR,H5H=H=CH=",1H==t
1H===Hffffff.H5q~O)ffffff.HHpHHxXffff.9t
HcFHVHNH<ffff.+u:USHHHH=7=HtYu9|HsH}H[]TfDH==YHsH}H@H[]H5H==HE=Hff.AWAVIAUATUSHH

4HTAuHD[]A\A]A^A_H=q=H=]=H$D%<AD$<X;<L-UfDHa<HH<HC1*H==HSA*E9-+<~i)jL(H)HuH
TAmAjE1OnH==CfDH=a=DXMtL8H$HtHHHL$HtHH@V)AWH=@)H= =HE1yH
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HIH==Ld$$I
@H@HD$H=`=LHtPt,u(u1H=2=H H[]A\fHXf.H
1H[]A\fAVAUIATUISu[]A\A]A^f.H5q1x%HItrLpH==%MlADA,$%H=~=LHHtNH=W=HtU39|gH5H$H=/=[]
A\A]A^H==OtH5L1$H==UHSH{3P{fATUISH
uH []A\DH==14H==H,Ld=HHt1H=^=HtUu95H5H#H=5=H
[]A\DH==THUH}uPfff.Ht=7x9tfHH(<$H==Ht$H5HT$HH(@ATUISHH<$H==H5"H<b(#HHD$toH5HD$uHct$H
|$H
jUD$~1HD$LH<CH9D$H|$H5m"H[]A\fDUSHH=<H<H=<1HH=<H5xH=<HH[]H=y<4H=]<H5RH=R<5HJ<H/<
H,<H[]HG@H
HG@SHHouHH5[h!+u=HHNt~Yt4uoG+AH?HtbH1Hu"fHHtAHqHtiPfu$HcW+AuHqHH@fDHHHxHL0:HtPfH7
0:HHH4H8O@S7HHW~;t&LcBHcA?HL
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Et*H{t#H5HH$H}t$H5bHHD$H}t H5^7HHD$t]L->1II4Ht"H=Y<HnLHHHue EH([]A\A]f.H
AAidL-1II<LH^HuHH(1[]A\A]H5H=HH<1H`H([]A\A]ffff.HHw4H,:tiHcAHTtfHHHHH1<Ht<HT$|$
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egc1ffffff.HHw4H+:tiHcAHTtfHHHHHq<Ht<HT$|$ HHHTHtH@HHH1@1AH

ehb1ffffff.HHw4H+:tiHcAHTtfHHDHHfDH<Ht<HT$|$ HH$HT$$HtH@H@HHf1@1A'H
/
efb1ffffff.AWAVAUATUSH(H<HtLDDLAAE1DtnEgE9~:C,DH<HDAHcH\$HyEE9t'D$H(H[]A\A]A^A_
f.D$tE~AWDAHIHcHT$LEDtHHT$HH<$HD$DeHT$tAHcH\$uD$Hg1`fff.E1H(HH|$tJGHu6Gt9H=<Ht5HtD
HT$>HtH@@H(D1H(H|$LTH5t/nHtHH|(:DfDAWAVAUATUSHhHH|tt~H$HZHjE1HD$0D$$IHD$
E11HD{uExjLu~I
ENM9QMXLLbt,LLtHD{uEyLc$$Hh[]A\A]A^A_@LtExD$L[HItH>HHD$HtdT$~.HfpT$HDLcDH|LHLLM
LD$(HL$A9LD$(LD$D$$H5H LDDL$b ImSUHIfIOHIHHI)HD$Ht"T$~0@HT$HD$|$$L|$ HL%1L>L
H!%tHt$ L|$DHJHDHAA)Mt9HcL$~0HLHL$9D;d$HLDIL|$D$$HHHu HZH$HHt8H|$Ht
HcT$HH_<$qHc)LHDHHuH$IcD)d$HD$fPLh$|$IOwD$ fDIPD$fHXH|$(H=<HD$
HD$Ht1Ht$DHDzHtH@@HXfH|$LH5H1HtHH#:DHXfffff.HXH|$ H=h<HD$
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D$YH|$HDHt$H1Ll$H5LHDHDH([]A\A]aH([]A\A]fDH
A|Al_YH(1[]A\A]fUS1HHHH>H[]DAUATIUSHHHHtHu|MtLukHE1KHHtDH+uH]EHLeHEAHEHHD[]A\A]H
AfdE1\XHD[]A\A]fDH
YAfd'XDAWAVIAUATE1USE1HHHLpH<$QH@H;/u<.tE1u%<$tZLLHitHA|@L{IA?uA?L@u2E1<$uHD[]A\A
]A^A_H;@tNtE1;]LkIA}]uA}LD)E1!fffff.1HtHcGHtHGfD1H2IHt
HH=:GH=}:GHUSHHHtG uHH[]fHHHcsC
E ^H{CuHEtH5E,HHEtbH;HtH5#/yHHEt@HHH[]H{H&HHEts|f.H1fH
A5Ae5UH
A
e1
UHcW+FuHvH4+ff.HH+DHHA+BuA+Bf.HHA+BuA+Bf.H5 /
ffffff.ATUHSHH|$H=<Ld$HtEL7H=v<>HHt'HtBEHtRH[]A\@LH50LH1HuH[]A\DSHH
H=<HDtTHHDtHb6yFH|$LH5{:+1HtHtHH
[@H=<=HDHDfffff.AUATAUSAHH=N<H=8<H5{jHHtDH=<D(HD`hk7D$tKH=<HT7u`1H[]A\A]H
AkAk_R1H5sHD$H[]A\A]DH=<<H=m<x<H=Id;HHR<1_DH=1<;HH"<17DHH=

<H5>;H=<H<B7H<HH
af<T@HQf<@H=Af<)@H51f<$@H
il<@HYl<@H=Il<(@H59l<@H
b<@Hb<t@H=b<(@H5yb<@H
An<@H1n<4@H=!n<T(@H5n<d@H
m<T@Hm<@H=m<(@H5ym<$@H
j<@Hj<@H=j<'@H5j<@H
i<@Hi<t@H=i<'@H5i<@H
ag<@HQg<4@H=Ag<T'@H51g<d@H
m<T@Hm<@H=l<'@H5l<$@H
)b<@Hb<@H= b<&@H5a<@H
h<@Hg<t@H=g<&@H5g<@H
j<@Hj<4@H=qj<T&@H5aj<d@H
qb<T@Hab<@H=Qb<&@H5Ab<$@H
l<@Hk<@H=k<%@H5k<@H
c<@Hc<t@H=yc<%@H5ic<ATUISHHHt H8HL#tH}HM2t H[]A\HH1ffff.ATUISHH-
H1Ht,H{L3D$t'H}H]H[]A\fDHD$H[]A\USHHH_ HtnHtH{Ht3H1u1H[]fDHH[]@5HHHCtH?1tfH|$H|$HHHG
s1ffff.AWAVIAUATMUSHHHIHM8]HHHHHC t9MtLH`uHH
y'AqnnKH{ fHC H1[]A\A]A^A_DHs HH=i<1MIHNAWZYtAuJHHouH{ f1
@L.5HHCtL59|H[]A\A]A^A_fff.HH?dHffffff.SH_HtNH;.=muH{H5^<[VfDH
IAho'J1[H
!Alo'gJDHG@ff.HG0ff.Hfff.HtH 4ff.HtH
3f1ffff.HGff.HGHff.Ot!1tHGHH@HGHH@USHHHGtt8H1[]H/HHHEtH[]HHHEHuDHATUSt?ZIHo
HH2H0L+tH29|[]A\fff.ATSH(HHGHD
At(HtHCHMtHCIH(D[A\DHH@tH8H:HtHxHt+LDHLHtHtHLLD@AAVAUMATUHSHIM1x-
HLD$0LLLHHtE[]A\A]A^AWAVIAUATIUSHIHH+L~H
'AZ{s'kGHtDHHHtHL)HD$=LHKH[]A\A]A^A_H$L|$LLLHD$MsH$LLL)HD$wTH
XAjs'1F,H
)Auzs'1mFLHJ8H
A|s'17FfH
A_~s'1
FM!H
Az}s'1EHH`'r8Ht
HH=:6H=:6HH7HH7HHwHHwHHHHHDHH'HHGHHHH'HH3HHDH(H(H(H(H(7H(wH(7H(HH(HHDH WH H
WH H H H H HH HHDAUATUSHIH8N1E1CD$H5xHcHHD$tYH|$E11HD$>BMtaH|$HcL -
HT$H}1AnE1AHD$H5HH8D[]A\A]fDH|$fDAUATUSHIH8N1E1BD$H5HcHHD$tYH|$E11HD$NAMtaH|$HcL,
HT$H}(1AnE1+AHD$H5HH8D[]A\A]fDH|$fDAUATUSInIHnLt
uxulxtH[]A\A]@LfLIH!LHHHKH[]A\A]fUSHHnHHx&HHH[]HNfDH[]fff.AUATIUSHIHHHHt%5HHHH@trMt
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rHH!5HH[]1fff.AVAUATUHSH-HIH89!H1$HIEHH}'HIEH}AlnHH3HIHuDH>HCI}HL`"tlHt&H}tJHHu1E11
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H5kNHHCtH{ tH[]A\fH1@HG ff.HHDHw0ffffff.ATIUSHHHL1&H{ H51r~&Hs LH_x~[]A\[1]A\HHSHH
HD1HHH5{1~ [HH56X<QHtKUSHHHH
F~HH{ tEH5rB8t1H[]f.1DH{ H~H{ H5u ATUISHHHt*H5sLHt!HtHH!t
H[]A\DH1F@AWAVIAUATL-USH(HLHlH$=tJ=@|T== OI LAI 11AIG(I
1HIW(HcIH)Ht$IO(HH)HIO(A=AWIwI+IwI b9AfulI 11A9G(AHfDI A11I11AE1H([]A\A]A^A_AI
1HnHL$HQHT$90QhHBIG(A"fDH([]A\A]A^A_@gI 1HH|$Hc

HAWIwI A9GfA?I_tOH\$<
t<
uHSHT$H<
t<
tWH;@vt;@uDH;@Fu;@I)A>H4$A
HHDHD8pA~Mf@ufIA<$@tQuA<$t<LIDHDHDHD$HHD$8}u|$H
Arv'5A<$?H
H5MH1TiFHQH|1HHT$HIG(JH H9IG(uI;G0wJVHcHIG(=Ad@AH
sv'4AH(1[]A\A]A^A_IA>@AAAW9f.I bH5H1RfIPIAVAUIATUISHHtH[]A\A]A^Lt$H}
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A:xe'1DH
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H[]fDHuH{uHHu(H{([]@USHHHtH[]@HHu@H{@[]nffff.AWAVMAUATIUSIHHHH5HHHH:HHIt:H=HAAx/
L5IH
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AAr'-.fH5H=LD$HE!f.Mx]L/
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 H5H$3+I<$"}H5HPHH1I|$t)H5HIt$HH5HE1L-fDI|$DH5jH(HD$LH1H5]L
H1HuHMH5LL
H1Hu1HH5<L
H1Hu(1HH5+L
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~&Mt)H5H])fE11LH[]A\A]A^A_fI6H5~I>=mtH5HLHItH81yH5HPHH1^{H5HdAGuIw1H0H5~1H1
*IwHicH5`1HE1H5d1HdIvHcI~t/H5X1H.IvHbH5HIV H5ALH*LH5HAI A9I DHtI DH
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Aw'1H[]A\A]A^A_fDH
Anw'H1[]A\A]A^A_fDLHE1ju21H[]A\A]A^A_DLfDAL A9DL HH
u1DAWAVIAUATMUSIHMH(H<$JH1HD$Ht@Ht$1MHH"D$t:H<$MLHLH$$H([]A\A]A^A_HD$H([]A\A]A^
A_DATUHSHH
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AT$9Pt
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YA wm'Hh[]A\A]A^A_E11A91DH(HH}?HHI{H3Hcx<;]R;](IL-L|$1LHLDLfDHD$

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L8MI?fHHHH$HcA;_A;_(L)L$HT$1HL%MIwH|$HLOHT1LLnIw0H|HmD119}1H01L19|D;c(Ll$
L)1LHHXHsLL1LHLHs0LLHuHLEL|$1LLLaHu0HLbDAWAVAUATIUSHHXHwHLOHT>5LvE1L|$0@AH
A9DHHp1LHHIIVI3I3WH uAGA9FuHHIHDAeDHD$
UID$HHHD$HBHE1HD$+DHH|$HAHA9|f.D$H
A)vi'E1E1HD$1LH5D+<HI|$HtHt
H|$%HXD[]A\A]A^A_H)HHD$1ATIDHItHD>FLnE1L|$0Hf.H|$AA9H|$DHt1LHHIEIUI3I3WH
uAGA9EuHHID$AHC)HIT$@H=60<It$0ILAH
|A<ui'1 HD$ofHHD$fHDHLHt$HLLLELA
EHxHDAID HHD$gH|$UD$,H|$1M|$,HHD$ AfAD9|$,H|$DL0H|$
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{\L+tLA+ lH
HAIgj'H
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Aok'AH
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EA9Ft`L9|HD$HH81[]A\A]A^A_DLx#IBAFMfHIvSLT#IM#fDAWAVIAUATIUSHIHHHuHU HHEHt8tBH
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Aet'
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iA]At'1

H
9Abt'1q_fD1fLx!Hu H=%*<IHHVNxH
Ayut'1cfDH
Aovt'15H
iAt'f.Ht1USHHHcHH>HunHcUHH[]HDfDff.ff.[ff.ATUASH>HHt]H
H51DHBp~H3Hu1[]A\H5H~H{tIH
H5s1DHo~HsH_~H5bH6~fH{sH
MH5&1DHoNHsHE:H5HUSHHH5@
H
H1Ho1~HHyE1H[]fUSHHH5H
H1Hn1~HH91H[]fUSHHH5H
<H1Hzn1~HHtc1H[]@AUATIUSHHHHIHt,HuDHt)LmI$HH[]A\A][HHuI9$tHRH
AAf'1HH[]A\A]HHtHuDHtLmHH[]A\A]fffff.AWAVAAUATIUSH

HH5~1HDH>mIu1HE1L=eDI}H5IL1DHl~OI4$HS~?H5gH0~,It$Hr~I}9|@1H[]A\A]A^A_IHH=<IHH55~:IHH={
<IHH5~QHHH=<jHjH5}jE1E1"H(fHHH=<jHjH5}jE1E1&H(fHHH=<jHjH5}jE1E1'"H(fHHH=<jHjH5_}jE1E1G
&H(fIHH=K<IHH5I}9IHH=+<IHH5)}QHHH=<jHjH5}jE1E1!H(fHHH=<jHjH5|jE1E1%H(fIHH=#<IHH5|A9IHH
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H(fHHH=<jHjH5@|jE1E1%H(fIHH=<IHH568IHH=<IHH5HHH=
<jHjH5jE1E1G H(fHHH=<jHjH5jE1E1g$H(fATUIS1@Ht=HHHHHt"Mt
I<$ I,$H[]A\1H[]A\fDATUIS1BEHt=HHHHGHt"Mt
I<$
I,$H[]A\1H[]A\fDHt$AQIAPIHH=<HH5z%H(Ht$AQIAPIHH=<HH5|zE#H(IHH=<IHH5hz6IHH=<IHH5HzQHH
H=<jHjH5&zjE1E1H(fHHH=<jHjH5yjE1E1"H(fIHH=<IHH5yA6IHH=s<IHH5yHHH=
<jHjH5yjE1E1H(fHHH=<jHjH5ZyjE1E1"H(fATUIS1">Ht=HH2HHGHt"Mt
I<$DEI,$H[]A\1H[]A\fDHt$AQIAPIHH=D<HH5x%H(Ht$AQIAPIHH=<HH5xE!H(IHH=C<IHH5lx4IHH=#<IH
H5LxQHHH=b<jHjH5*xjE1E1H(fHHH=2<jHjH5wjE1E1 H(fATUIS1AHt=HHHHHt"Mt
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UIS1;Ht=HHbHHHt"Mt
I<$4I,$H[]A\1H[]A\fDIHH=<IHH5v2IHH=c<IHH5vvQHHH="<jHjH5TvjE1E1H(fHHH=<jHjH5$vjE1E1H(fHt$
AQIAPIHH=,<HH5u%H(Ht$AQIAPIHH=<HH5uEH(IHH=<IHH5lu1IHH=<IHH5LuQHHH=<jHjH5*ujE1E1H(f
HHH=<jHjH5tjE1E1H(fATUIS1>Ht=HHbHHHt"Mt
I<$4I,$H[]A\1H[]A\fDHHH=<jHjH5tjE1E1H(fHHH=<jHjH5tjE1E1H(fHHH=J<jHjH5QtjE1E1gH(fHHH=<jHjH5
!tjE1E1H(fIHH=<IHH5s!0IHH=k<IHH5s
HHH=R<jHjH5jsjE1E1H(fHHH="<jHjH5:sjE1E1H(H Ht
HH=i:4H=]:(HAWAVIAUATUSHHHH<HT0HL$8HD$hHDpHDx"HI6H$H-wwL%kwL-
uwLt$(MHD$HDxHD
HDpHDHDhHDHLDHL
HT$H<$s&7L=qnfLLtuLLAAEEpI>fDLHme@HILD$hHLuI>uHp<HT$pE1Lt$@E1HD$HLHDT\LLL$PLL$P
LD$8HL$0HTHtxLHDxEHDT$\H$WH$H|$@HD$HHLD$hH5uL|H|$pH5uHD$h]H|$xH5auHD$p>HD$xHt
$0 LLAAEEu2I~wIFHT$pE1HD$@H<HD$HDH=oLu~I~+IF8AF0HIIF~HT$pHHT$@
HT$@uIGAAHD$@H<HD$H%H=zoLH=oLtI~qIF8AF0HIIFHT$pHHT$@
HT$@IGAAHD$@H <HD$HkfDI~IF8AF0HIIFtLHT$pHHT$@j
HT$@CIGAtAtHD$@H<HD$HfDMLt$(L01@HHH9|I9H1H|$hH5rH|$pH5rH|$xH5rHH[]A\A]A^A_DLt$(E1SH
HH
PrA6At V1Of.19@15IvH HDxHDxIF8H$AF0-
H<Lt$@E1HT$pHD$HMLt$(%lI?LH__1HHt@HDH`CHMLt$(AH
2q
t >MALt$(ItIiI8^Lff.AVAUIATUISHIHoHtBHL1jHHHLLHH[H]A\A]A^DH
apAs 1eAWAVMAUATIUSHHIEHHtEHHhHHHHHHD$H=;HEHLM8MDE0EHKH}DD$L$:HIL$DDMLd
DDLD$LuH]HM LLL$LcD$H5>jLLL@1YfDHxgHLH$XMEHL%ZY~wLd$HuHtL17LCH[]A\A]A^A_@A
H
nqu 1Ld$fDLd$1H
QnAu Ld$RpDA(AUATUSHHt^x-Hc< $HcfH| Hu^HcHcHH
H[]A\A]HOuw?@
@
FHLd)@8@
t@
t@<t
HCHHL9Htui@~lDfHE1IDA:H<HSAuH'<
<
I9uAuHHcHLfDHATUISHHt.HH9HLOHc@H[]A\DT$T$H
lHLHD1AH@zuL>H[]A\H
*mA;md 1Ljf.USHH
H<H
)lt!H

'ltH
(lH*lHEHHl[]H)1aAVAUAATUHSILcHqHkHA)Ic1LHTa~HA)HHE~KIL-/A)HHHL9t'1IcLHa[]A\A]A^A~
fE[]A\A]A^AWAVMAUATIUSHIMHHT$HaHHT$tOHHj1HHMMLHL"HHHH[]A\A]A^A_fDH
QkAqf
1EAWAVAUATUSHhHH=D$H?HtnILl$`H1MILLAAEDD$L{jH;LLAHLt$(AVDD$ZYuB1Hh[]A\A]A^A_fDH
qjAj g1xHtH31MLHHDLLH
jAej LLLL1LD$xL=@L=D$5DH
iAhj 1H\$DD$LLLHELL$GHct$LHHuLLL$#HcT$HUBfDkAOAWfAVAUATUSHHHF<
LnHH5)i
HAC
t H{fHH t t4/{,%CLs t uHIH t tH5h LxI^ H5gHHeAV < t u"IF
DHH t t
fH{H5g AoD{
HS
A EtA u(Hf.D;HHA EtA
tEtQA,wHL9HBHfD0HExA,HHHTHTHEHHHHHLHL;,VHH~P1LH~~PEIHlA>EA)~pDIHcLA
I9ufDAHD[]A\A]A^A_H
9fAkk E1,LH@EHA HEHD3t
A HCHH t tH
%H
eAjk 7 I9H
ieApk E1\H
@eAik E13HH
eArk ;,H
dA'k E1fHHEHH
dA=ge)H
tdA$k jDAWAVIAUATMUSHIHHH.fHIHfLH5cHHD$yttA1H
cADr 1LeHcH HH[]A\A]A^A_fAA1fDT$LH;D$sH5#HVHB~<HHHD$HL$9+H5bHH5bv HHPM<HD$<11Hl$
Ld$(HD$ALt$M)EM~XIAIcMNHL$HT$EHL7etT$<tH|$ HT$<9tA_l$Ld$(Hl$ HT$HL
hT$<~HHA;D$<H5a HAp Lt$LHDTD9H5u!H7l$l$<HD$<DHDG@AWAVMAUATIUSILHMHtHT
D$0D$4HD$'1LAAxH5aV
HIcHHDHl8Ht$8LAHD$0ML$>Ll$@HLW]jLLAHHLT$XE1ARD$LT$8ZYLT$(M9
LLT$($XH@Ht$LLnI1LT$(ML1MHLLTLTDD$0HT$4HHLqLT$tsHct$4HT$0LH;tLT$tUD$4D$0D$0H
_AP
i 1HDLLl$@LT$P1E1L@D$3L3LmL2Ht$H_HD$H[]A\A]A^A_1E1LT$P@LLl@LTPE1Ht$H|$
LcHLLT^{D}0LT$;H$H$L"$$$M~H
E^Aeoi E18Ll$@1LT$PL}HHD$tHuAJH
]qF@HH|$HHHHD$H=bLS1LT$(fH
i]AXAi _$fAWAVMAUATIUSHIMHHT$HHHT$t_Hj1HH2HHMt$hthMDhLHLP:H HH[]A\A]A^A_H
\A*h 1AWAVIAUATIUSHIMHHHtIHL1jH|HHMLLHH[]A\A]A^A_DH
[APq 1AWAVAUATIUSHhHt$ HTHLLD$(DL$]HHDHD(HHDHHD
HHD$HD$$$tTHHHIHD$8MHD$0VHMH5[wHRfHHHIHD$8MHD$0HH5ZHDl$AHfDHLDH3H5ZH~uHcH5Z
L|LhuD$AAHcEH5ZHHIHsHHH5YHH5YHHHD$8Dt$LDHHD@1AfHLE]Hc:HHADH}
uH5Y HQYDL$HE[H|$@H^A\AD$HD@H
XAA E1E1H|$Z4$H}X1LH|$8t~H|$0j~HhD[]A\A]A^A_DH}
AmDt$LA<H
Xf $H5WHH|$YfDH5WLAH
WAl D$EH5sWHE1CH|$E1vY@H

IWA E1<E1HD$0HD$8yfH
 WAA E1H
VAA fDHVHE1E1@H
VAA E1E1H5eVHHIeHsHHH6VHH5VHXfDH5aV H,AT$H}
ADHD$0AHD$@H5U H>T$8H
lUA,p Dt$L]$VH;UHH|$?WH
UA$A [Dt$LH
TAA H5THMH]
LELHHIDt$LJ<#H5TEuHD$0HD$8HD$@HD0H;THH\$H[H|$0HL$X1sVHDXHTPHHpLHDD$Pu[HD$X
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A8{HD$H|$0HHDTPH0{HcDPHL(HHD$
 L8E10H
RAd E1Dt$LAT~H
RAJf H5cRLt$Hc|$PH5HRIHL$HI>Ht
HHR1E1lHD$HR1H8QH|$T^H5QHD$H5QH8PH5QHqf.ADAWAVIAUATIUSHIMH.HvHtIHL1jHHHMLLH.w
H[]A\A]A^A_DH
QAl 1ATUISHLHH19}"HHcLH)HHu{ t[]A\@1[]A\HS[)]A\AWAVMAUATE1USHHHDHLdXLtPH|$
Ht$(HD$HD$@HT$0LLHD@HDHHDPHDXHDnH5OLH|$HH5OH|$PH5ODHTMHt$LLVLl$@HLtb
H=.OH$H=
OLt*HXILHfLL$`H|$HLLLLLH|$@_HN1,H|$HHN1Ht$XH|$PHN1H[]A\A]A^A_HyN1LH|HH^N1HtXH|$P
HANfH=^HHjH=hHLuH=THHH=LLuH=LHH=rGLuH=[GHTH=}LLUH=jLHHGHH;C{M{Su
{HL{S{H5FL~XLL$`LLLL$8Ht<HxpH|$`LL$8LL$*LL$EHLeLl$@=D$%L$l~H5KH1L$_fDH=KLHEHL;C{M
1LH>H]+LHLLHt$PLOHD$PH\$
H|$@HHD$XH\$(HHD$0HH8H|$HubH5JPH=JHDLl$@fHJ1H5yJOH|$HH5cJ9H|$PH5MJ#1@HH
Ut0H
J1aH|$HHI1IWH5IH|$HH5I+Hjt$1Hfff.Hjt$HUSHHHHH(HDHDHt$H|$HAQMI1ZYtqHDHtHTHHDHHt
(H|$H5I"H(H[]H
aIA!
g D1AVAUIATU1SIHHHI1HHLLxdLHnHIHcLMteLLHy:HtMMtI>WIHH[]A\A]A^H
H AhxH1\@AUATIUSH1IHHt1HHHLLHHmHH[]A\A]@H
!HAy
1]ff.IHH=s;IHH5FIHH=S;IHH5F!HHH=;jHjH5FjE1E1WH(fHHH=;jHjH5FjE1E1wH(fIHH=;IHH5@IHH=;IHH5
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EAIs~ 1H
QEASo~
1H6AVHt$AQIAPE11H(Ht$AQIAPI1H(ffff.Ht$AQIAPIH(f.Ht$AQIAPE1H(ffff.AWAVMAUATIUSH1AEHHtG
HHHt$HAWHAVME1D12H
 HdiH[]A\A]A^A_H
CA} 1-ff.AWAVMAUATIUSH1IEH,HtGHHHt$HAWHAVMM1H HhH[]A\A]A^A_H
QCA} 1ff.AWAVMAUATIUSH1IEHHtOHHHt$HAWHAVMMH HhH[]A\A]A^A_fDH
BA} 1AWAVMAUATIUSH1AEHHtGHHHt$HAWHAVME1DOH HgH[]A\A]A^A_H
BA} 1Mff.HHH=;jHjH59;jE1E1H(AVAUIATUISHHIH HHDHHDHtH|$HQH
r@ZYHDHL:LHD$HqH==@HHT$Ht$1HItzLl$ 1HHLSLLffLHHcLHt+HyMHt
I<IH2Hu$H
@AX
{ 1H<$H5@ZhHt$H|$Hw@[H H[]A\A]A^f.LHe~H4$1HkH]HL$8HT$L H;HTHt11HH#HxMHf.H
?A@h{

1LU1bffff.AWAVIAUATIUSH;?IHEHhHFPH\$LL$HHH1+3HH=p;M$LL$HLHAQAWM|H[]A\A]A^A_f.HFLT
$HtHxHtLT$Kff.ATUISHH
7E1H HHDHHDHtH|$HjZYHD$H<$H57HD$bA~cHHtVH4$DHt;HCH@pHt.Ht$T$HtHtBH}.H]3HH
=A
 1H<$H5=xH|$H5=jxH
 H[]A\fDH
1H[]A\f.HN1HteHyxt^ATUH5=SHHPHPHIIL%1HCHHHLE1E1HxxjjjHp[]A\fDfffff.AVAUIATUISHIHo`HtBH
L1jHpHHLLHHa[H]A\A]A^DH
q<A| 1eAWAVMAUATIUSH1IEHlHtGHLHt$HHMELH%HaXZH[]A\A]A^A_H
;A 1ff.SIIHH HHDHHDHtH|$HQH
4ZYHD$H4$H=4HTHDHt$HtFHHtFH<$H5;uH|$H5;uH H[DHHuH
:A
 1fff.AVAUIATUISHIWH/^HtBHL1jHnHHLLHHY_[H]A\A]A^DH
1:A 1%1!f$fAVAUIATUHSHIIH@H59Hc"tHHtTHT$HLH1~T$HL>A$H59H0OtH[]A\A]A^H
9A$Ap
1MIHH=;;IHH567IHH=;IHH57HHH=";jHjH56jE1E1GH(fHHH=;jHjH56jE1E1gH(IHH=;IHH56IHH=;IHH56qHH
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H$1DLHID1IH$LHIIM1DHHL$HIHL$HTHHD$1HPHH$HI*HIH$ILLLHD$`LLHDLHHD$*LLLHc<H$L
HHH)HHDHLHH(H[]A\A]A^A_f.1DHcHIHDHHHDX@E1E1fH
Y6A0A
LL$H"LLLLH<$H1LL$Lb)1DE1H$E1E1E1E1l@E1E1E1E1WE1H$E1E1:f.E1H$E1DH$E1AWAVAUATAUSH
XL7H|$8T$NIvMHZHQ<HI@A6HI^qiAE1HD$4HI|$4D$HH|$HA1HADyHHD$D1DHHL$@HSHHD$H\$@1D
H3HHD$H\$@1DHHHD$ H\$@1DHHHD$(H\$@t$41HHItRHT$Ht$LH\$HSt7HL$(HT$ LHtHDHD$fDH
3ApA 7LOLGH|$=H|$3H|$)H|$ H|$(L
LuH1DfE1LLLLLHt%L-HD$8HHXH[]A\A]A^A_HD$(HD$
 E1HDHDE1HD$E1DHD$(HD$ E1HDHDE1HDHD(HD$ HDpHD(HD$ E1HDHDHDSHD(HD$
E1HD$HD$$@HD$(HD$ E1HDDHD(HD$ E1fDHD$(E1E1ATUISHH0HL$HTHtHDHDHDHD
HD$(?HT$(Ht$ HH|$uH|$=t4H
0A~ 1iH0[]A\fDH|$>9tH|$,9A$DSS1fDH|$(=A$DSS2ffff.AVAUIATU1SA1HH@HT$]H|$ HHEAt
AERSA1H@[]A\A]A^fHL$11HAERSA2H|$]PHD9LHT$ Ht$HDeHT$8HL$(Ht$0HA{H|$(PHD9~8H
Y/A'~ 1H@[]A\A]A^fDH|$PHD9H|$ PHD9H|$0PHD9sH|$8iD9UsAWAVIAUATHUSIAHHLLD
$(tu(LDH$1HHHL$PlPM>+HD$(D$M5;HHD$LI_ItAGAGAoEAG1AG1AGfAw
fAAGAGEAGbHD$8LD$Lt L/HT$L1HnS1fST$LL{Cc
CSs S"K
SCLIHLLD$00HL$XHT$`Ht$PLD$4H|$`LL{Y\$0H|$PLFHT$pHt$hHcLI\$0HTHLxH$L0\$4H|$hLLcH|$pML
MHLMHLMH|xLT0H|$XK4'EAHD$HL$
H|$HAEHIpo1HLL~fDH|$8I>|DDH[]A\A]A^A_fDHC&~H\$8I_(LhHHHtH1ntl@H|$(H5*\"eD$iDH
*A@h
H|$7I>'fHt$8LnHt$IcLVL$1LLYL)AH|$E11LHLLl$8L+Ld$xH|$DEILLL>KHct$xH|$LLA.fDH|$6I>0HD$(I#LH
LxHTpHt$hHIHD$hHDpHDxHH#HTHLH|$htD`H|$hLDIADIcH|$pILIyH|$xLDIfH$LQfvIG$AGHc|$H
5L(bHHD$(tqI6LHT$L1HW""f1)@1IDADfAL$
A=H
'AA VmHHHT$v
A`t(H
q'Az 1HzHHJrRDSS1tQRSA2DSS2VHL$T@9H|$1HA~H
&w oBf.H
&Aou ?f.VHL$NTJ9wH|$1HH
I&A{ 1RSA14H

&At vfffff.AWAVAAUATMUSHHHH|$2EIHD$@1HLHD$HAEAH
y%h8{H5d%
`HHHDHPHIthi1HLv~Ll$
 LA1Lg2LjH5$Hf_HHH[]A\A]A^A_1Ll$ fH|$LH 2H4$LLkHt$IcLSLl$ 1LLLu@=fDH
A$AA 1L}12CLt$Lt$IHEHD$#CLu$E11LHL!FL|$HL$DCLLL8Hct$LLL;yE=RSA2=DSS21HD$%AEfAE
gE11LHLE+HL$DCLLL7Hct$LLLZ;E=RSA2t=DSS2u^H|Hl?HH
"A} _f.{A
H
"Ae "\ffff.HHHT$v
t7AfH
1"Az 1HzuZHHJrRDSS1RSA2tcDSS2t[H
!At jH
!Aou ?Rf.AH
s!x "f.VHL$TR,9wH|$HH
!A{ 1fDRSA1VHL$9wH|$hHAVAUATUISH H\$HoGD$H\$A`<1<tH
H[]A\A]A^|DDl$=DSS1=RSA2P=DSS2HD$ AHD$AEl@H5ZHHHLHD$F9H
A{ 1RH5HZH H[]A\A]A^fD=RSA1]A~H
`w 1H H[]A\A]A^f.1EH|$DHnH
 AA 1FHD$ AUE1HD$AElPfH
Aou ?H H[]A\A]A^H
qA{ 1HH
9A 1H
 At 1pAVAUATUISH H\$HDD$H\$<t 1<6H H[]A\A]A^fD|EDDl$=DSS1t==RSA2t=DSS2H
NAx 1HD$ AHD$AE\@,QH5WHHHLHD$C9tLH
A{ 1aH5HWH H[]A\A]A^DEH|$DHH
YAA 1H
1Aou 1H H[]A\A]A^DH
A{ 1H H[]A\A]A^DcH
H
A 1E=RSA1uIA]HD$ E1HD$XDH
aAfx fH
9At 1zAWAVAUATIUSHhH|HD*tXLHT$1HqA6P@AlPH5Hc1UHIXL@1EwfAGD$I_AGAO AGDAW
AG
DAA"EwAGNIHLAsHL$(HT$0Ht$
 LD`H|$0HI_AH|$
HDHT$@Ht$8IcLHHLHHTXHt$PLMc|H|$8HDLIH|$@HDL6H|$PHDL#H|$XHDLH|$HDHH|$(J4+DH|$LDH
5LbS9ZHh[]A\A]A^A_f;HLHHT@Ht$8HIHD$8HD$@HD$HHDPHDXHTXHtPLbH|$8D`H|$8HDIADM
cH|$@LHHH|$HHDLH|$XHfvHC$CLXHT$1HiAtB@"A"l@H
AA 7fDAWAVIAUATHUSIHHD$tL"HT$811HHNH|$8
KHHD$RSA1HmAA}H5L$HgQHHL$6D`L@1KfCD$Lck
Cc CA"S
CK>IHLAHL$0HT$8Ht$(LQH|$8LH|$(HsDHLAH5AHZPA9DHH[]A\A]A^A_H
A'~ OHL$(HT$ Ht$HIHD$HD$ HD$(HD$0HD$8tHT$8Ht$0L2H|$DhH|$LDIADMcH|$
MLIH|$(LDMMH|$0DLfvIGAfL(HT$H6@A"A"l@,H
jAA ff.AWAVAUATIUSH8H4HtHT$:|$uDt D|$$A(w Av@1'@H
Aut 1mH8H[]A\A]A^A_D$t EG,>H5L/NHHDHL5:D9t@H
YA| 1H6LH6OdLDHDDH)H@H

A| 1H
AA 1]H
Ay 1-USHHH|HDx`Ht$H_=H|$H53iL9u3H
Akv H[]fAVAUAATUISHA7HHD3/HSHLHHAt4AHHt!HXD.HE[H]A\A]A^DA!H
Au#1HH
aAAu#1USHHCHHtBp.HCHHC tNH5O;HS HHtfHH[]@H
A3Ar#GDH
A8Ar#H1%CH
A=dr#ffff.SHH31uH{ H5;[]DH
1ALy#1[AWAVAAUATIUSEEHHt$jBHHHap-H*aHDLDH`HHHC H@HxsHC H@HxHhNHC
LD$PAHT$H5;DHL`HID$HH[]A\A]A^A_@IHtH
 Abxs#oH1uAH
A]As#?DH
AnAs#DH
Awgs#{f.ATUASHHH*/u5HC DH[]H@H5v;AA\HxL@if[1]A\fH2HHWHH5;HH
 HH@SHGHHx.uHCH5_;[Hx DH

Ay#1[H
a;B@HQ;TS@H=A;tf@H51;X@H
Q;tB@HA;S@H=1;4f@H5!;DX@H
;4B@H;R@H=;e@H5q;X@H
;A@H;R@H=;e@H5;WHHAHsHHDHAHL$@t$SHHHAHHHDHHAHHHDHHAHHHDHHAHHHDSHH[1Hffff
.H1Ht8uH@Hx0H8D1HfHGfffff.AWAVAUATUS1HxMH|$H=;MH4$HLT$5`HIQHxAHtEAI$HHhHlDw7HH
EAUAL|$@AWPL$,t$(H|$;H He4HEAAULl$0AUPL$,HT$0t$(H|$ H LD$H|$ML1H&@LLHx[]A\A]A^A_H
I
A7kx#LDA=H

j@H

A+ex#wzATUISHHHDDZ1HHtdHt$HEHtT$HHt?Ht$HPHtT$HHtMtI<$Ht*Hnu
H1HH[]A\sHI$tHHgnuI<$JoI$AWAVAAUATIUSHADMHAHEHurHUEE11LE1HHjXZHtNMtI<$HtUHmu
H1HH[]A\A]A^A_DDH-
{1H0HrHI$tHHgmuI<$JnI$ATUE1SHHALHH;tyHE1U1HXZHtH;Hlu3EuH691H[]A\H;mHH[]A\ff$LD$L$qHH1
HtAHtDL<$=f.HHIUSHHNHHtHHtHH[]DH1@AWAVAUATEUSIHLHxH4$$D$H|$$HD$
EEHD(D$$DDEDDEHHM/1Ld$(&DHfpLHHH7p9|HD$(Ht)LD$$H|$
DHHD$(H;HH~oMHD$(LL$$H|$(EDLMHHhL>xL?H}HeH3XL>xL>H}H0HH<$tH4$HTHD(HH|$
E11HHD$(@M_HVLH[vGHL$HT$0HHOH|$(HDH<$HtH4$HIt%THt0H@H;L%:;1H1H|$
LmH|$(HmHxH[]A\A]A^A_f.1HHmH|$ 1HD$(nHHtL%;H|$ LRmHD tH1E1jDHtHZYd;Hf.1=Ht$0H)H
A:hi#>AWAVIAUATIUSIDMH(THHT*IODL$hII?LC7H#+<(H5-
Hc;HILl$ALHHLHct$LHHL)H|$`tl$HD$`(MtM<$H
H(L[]A\A]A^A_H
A)sw#E1fH5L4E1:H
A6w#~H
A!Aw#E1RH
iA/Aw#%f.H59L<E1):H
"A?tw#8USHHDH(IHjEHDPLL
 HZYHcTHDHt$H1HD$4Hu&Ht5H|$H5s9H(H[]Hct$H|$aHuH
eArej#{fH

9A^uj#1Mff.AWAVEAUATIUSIALH(H|HD`tHHHt$HLDHL$HjSLKH|$DALHZYEH|$t
HcmH|$H5qg8H(H[]A\A]A^A_DH
IAAl#_H1sH
Afl#/DH
Agl#H|$H57ATUSHHt}H8 tULcID$uHkrHHE tmH[]A\DH
A$wm#g~H1H[]A\DH
IAAm#/~DH
!AAm#~AWAVAUATUSHxH|$(HT$0LDDDL$
3HHwH$*,H$AJ,AD$<KEBIcjHHt$HH5v6IckIHHt$XH5W6A~H5|lIHc<6HD$D$ADAAD$@hD$`D$dHcD$`H5
0sHHD$P5MIMH|$HAFt$ELHPHD$hHN^]D$@pLD$0|$1HHcAAHH9uLD$d~,xLD$(1HDHcAHH9uAFLl$L|$
Dt$(Ll$XD|$ LHHD01LHHTHHtH\txHT$PHt$HFtb1LHUtQA/LLHt.1LH!tA91LHuLl$L|$@E1E1E1HD$H
gAAo#1{H5DL3H|$H5+3H5L3H5L3HAHx[]A\A]A^A_AD.AADdL`L)@l<9LHNHce9$)$L$1H|$DD$(fD
HcAHA9D$`HL$Ld$@E1H\$XL$H\$HDd$(HyHL$LthHl0Ll$ ALILEHMM)@IA177fM9LuEHE9|Ll$
Ld$@H\$XL^LlL|$2ffff.USHH(HHL$HTDLDD$!HDD$DLtH|HHtXtXDXPH
D$~HHct$H|$H13D$H([]f.HDD1H(1[]H
A*An#Wx1USHH(HHLHTDLDD"HDDDLt$H|$HHtXtXD$XPH
D$~HHct$H|$HH%2D$H([]f.HDD1H(1[]H
AAAt#gw1AWAVIAUATIUS1H8HD$(H4$HLHDHD==u.HHL$H4$LHf.L`9LE1`HH
HtLpHE1HtLhH=U=uMtI?uH{H3-
HIgH81[]A\A]A^A_fDHx==HHHtMtIuAUH(ot/MtH|$L3H|$HZHjH8[]A\A]A^A_MI?H4$HHH)HH,HII?sfDH8
[]A\A]A^A_Ht$(HemH|$(H5D$-D$%5f.AWAVAUATIUSHHXHHt$ HL$(LD$0tHHD$(HtHHHD$ Ht 811H(HD$
]HHDH,HHD~HDHDHD$8f.D$H|^9Dt$H|$ ^HxHm\uHt$ H
IM1@D=%=u&H~HLHt LHILu]9LE1p]HHHtLxHE1HtLpHF=]=uMtI}uH*H)HIEeDH5;La\H5;H|$P\H
9ASrv#1rnHH8AFH
qv#1}rHD$%fH
ANAv#1MrMtI}o]IEL|$(MtI?gIHfH|$H5;u[HX1[]A\A]A^A_@H5A1HoH|AABHT$
+[HHD$>=DH=HHHMt$IvAHjuHAf\@MtH|$8L.H|$HUMwI}lHt$
HzHHH'HIEI}/f.H5a;L!Zl@HIHt$HHhH|$HH5A@)E)fH51;H|$YDHU1HeH|$tUHHMtI}tHD$(HtH8t,HD$0HtH8
Hu5YHHD$0HH8uIuHuh@H
A/iv#oHX1[]A\A]A^A_fDH|$H5;XHX[]A\A]A^A_HD$(H1
1HDI@HtGATIUHSH8LHzMtHCH@I$HtHCH@HE[]A\HtHHtHHtHHtHfDAWAVAAUATIUSHHHGHLLD
Hx
VHCAHPHxHJHHL$
L$$tAHCH8Ht$01yHL$0H|$811rlH|$8X
H >HHHuHAJ1E*)HEAUDLHDPHD8PAWL$DHT$8#H 7I1MtHt$(E1HDLBH|$(@DLDH[]A\A]A^A_fH
A\yk#l1H
aAivk#l1H=gHL$IEDLAWj`L$4HT$(eAZYH
Awkk#D$FlHD$@E1HD$(D$H
A}kk#D$E1lD$HCLH@ HcHpHTHtLfo$L`)D$@fAoGPA
)D$PNHD$@HD$(ffffff.AWAVAUATUSHHHGHIAHx
5HCAHPHxHJHH$
L$t{AHCH8Ht$ 1vHL$ H|$(11RiH|$(8
aH:HH
HUHAD$&E*=)HEAUDLLd$@ATD$$PL$(HT$ H YHIiT$E1HLHs@LL%@H
A\yk#iH
hAm~#i1H[]A\A]A^A_f.H
)Al~#i1H=/HLd$pIEDLATj`L$HT$0>ZYTH
Awkk#iH|$0@1f.H

yA}kk#hL@1fDH
9Aivk#hf.HCLH@ HcHpiFHlpHTLHl@L)LHC1LH8sH|$0l1;\$JH|$0lHH&fo$L`)D$0fAoD$PLd$0)D$@vD$
`fAWAVAAUATIUSHAMH(H
HCHHC)AHEMcHmH5L/ HHEHCMH@D
Hx:LLQHCHt$1H8rLdH|$1HydH([]A\A]A^A_D3[HHEAtBHCIcHxt`EHkMc)AAAH
Az#7f1H([]A\A]A^A_fDD$AH
Az#eD$H([]A\A]A^A_D$A@DX1fff.AWAVAUATAUSHDHIHL$ MDHD$HCHx2HCD$HPHxHr
HHtLt
D$HCH8Ht$01pHL$0H|$811kcH|$8QzH5HH>HnHACE*=)HADULLt$PAVAWDL$(L$<HT$0#H
HIE1HDLH@LL$H
A\yk#cH
Am{#c1H[]A\A]A^A_f.H
IAn{#cDfDLLHT&DLILHT$H
A}kk#?cL@1'fDH=HkL$IDLAVj`DD$L$,HT$ 7ZYH
bAwkk#bH|$@@i1rDH
!Aivk#wbsfHCLH@ HcHpYHHT,LHY@LLHC1LH8mT$,H|$@Ht@H
qAo{#DaDfo$L`A)D$@fAoFPLt$@)D$PIAWAVAUATUSHHH|HtHT$
D$9H|$HD$hHHD$PkJHHD$(=Hu;D$PE1DDD@HD$0HD$pHD$Hf.AH|$JA9H|$DJHxHAuHt$HHHC
H=q;H@L`It$4HHI<$H{D$@D$DHHD$PHm1Dl$8Dt$<
HI9HIHI=uI|HtHI I|HtH1hkL|$pH=$q;Iw3HII?I~AILHD$XD
DL$T;AUHD$`1E1DPDLdHT0LIlM^_qI|$jM|$DH
A-q#^D$H[]A\A]A^A_Hqs;HD$(HD$0Ht$01HHs;H|$HHH|$(HGH
_A2r#m^1fH
1A&i#?^1UDt$<Dl$8At`H1UDL$TDD$`Ht$0|$PlZYHtEH|$(HBt4Ht$0HGGfHHHfDHt$0HL|$IoH]
 QHHE tHt$(Lu(HL|$IGHx QIGHX HlpHt
H|LDdHtHDHTh1H@H8hT$dH|$hHtHUQHt$01YFHq;H|$HEFH|$(H8FUSHHHT$HXhLD$H<$H5Fn;HAH
H[]USHIAHH5n;HH
Ht5H5F:H\Ht?H(HXH[]fH
A6g#[1H
A=A#HD$[HPHD$AWAVIAUATIUSALEHt~E111uE\t$PDHHHtgHT$XHDLHtwH[]A\A]A^A_t$PAE1DHLHt$
PDLL>HfH
A
}#Z1HHD$+XHD$rHHSH[ffff.SHH?=u
HC[1[fff.SHH?=u
HC[1[fff.Hfff.H?XSH=uHC[f.1[fff.SH-w
HC[H8[fSH=u0HCH8=uHCH5p;[Hx1[fff.SH7=u0HCH8=uHCH5l;[Hx1[fff.H59p;Jf.H5k;*f.USHHHHt"`HkHHH[]
H
AqAp#WXDUSHHBHHt"HkHHH[]H
IAAq#WDAWAVEAUATIUSHAEH\H'Ht$PEAWDHEMHHZYtNHH;HtH[]A\A]A^A_HHDcHDH[]A\A]A^A
_1AVAUIATUHSHHu7Dd6H5{McLHtfA~5AT$HL1f.Hc43@tHH9uHBD0BD0tDeMtIEH[]A\A]A^H
AAy#HD$rVHD$ff.@ATUSHAunD`McH5H7LHt\~.s1H|6ftHH9Hc@4uBD H[]A\Hc|t@1H
A8A|#HDUHDAWAVAAUATIUSH8HTHLHD$(uO5AEm11Ll$(-
HT$(HwbMHCA9~[DHcL)LH+yHL$HTDLHH$H8[]A\A]A^A_H$fDEH5uHcD$
HH$HE1=HAHHHT$(H
uUmME9~=DIcLD)L*HT$(HwHAHUHT$(UE91fEHDHtLHDHHHH5GuHHtHDH
AvA#SH$fff.AWAVAUATUSHLcHAAE1E1HDAfH(H=w2~lH
HAf-=wNHH HAO1O,x-
AVADDAE9}4DIcD)HvHDH[]A\A]A^A_5E1fIc|AIcH5jHI6E1AAf.AD9DD)tHcHfH(H=w:H

HAf-=HH HIcOL%+lAD9lDB|;uB|;t IcLHL[]A\A]A^A_D|E1tDH
AA#QDHHH={g;fffff.HHH=[g;~fffff.HHH=;g;fffff.HHH=g;H#2CHt
HH=9AH=}9AHHm;USHHHt4~eu(H3H} HHCH[]
u#HsH}H[]H[]@
uH6Hy:1ffff.tDHHHx8:HfDtDHHHx
DHfDH
l;@Hql;@H=al;&@H5Ql;@HAl;@HH=.l;qH
f;@Hf;4@H=yf;T&@H5if;d@H
)a;T@Ha;@H= a;&@H5`;$@H
Ye;@HIe;@H=9e;%@H5)e;@H
`;@H`;t@H=q`;%@H5a`;@H
9_;@H)_;4@H=_;T%@H5 _;d@H
f;T@Hf;@H=e;%@H5e;$@H
d;@Hd;@H=d;$@H5qd;@H
!g;@Hg;t@H=g;$@H5f;@H
1f;@H!f;4@H=f;T$@H5f;d@IH
i;8ATUISHOHt4HEc;HpHLHH[]A\K)H
AAv!L[1]A\HHt5H1:u#HBH
b;Ht$1HPHT$HcH1@AUATIUSAHHHH8HDMH~8CHHCt9?HIt,HcHt HCL`HL/uE1H
APAw!KL?HkHH1[]A\A]fDH
A8Aw!JH1[]A\A]f.H[]A\A]USH2HHjHt
H1[]@Ht#HHH[]2x'HHSHtHH[4A'1yHHuH
AdA!I1[fff.AUATIUSHAH>H1HtDHHKuH>1H[]A\A]H3L&tH[]A\A]AWAVAUATIUSIH1HHmHHH]H?mH[]
A\A]A^A_E1IHqHELt$1HLLcHH]~H|$H5HIHELLHLcHH]~;Ic4$I}HdHD$M}HA$ul1H
1A!'HH?lH5LH1[]A\A]A^A_f.H
A!Gf.AH
A@fffff.AWAVIAUATAUSH1AHH?Hu6zf.H}E1HIZVHD9tmH}19|LDDHHt5H}H+twH[]A\A]A^A_;0HHEuH1
[]A\A]A^A_L8DLDJHItH}H0HuL1HDDH[]A\A]A^A_AWAVAUATUSHHHt$H
IHAFH?HcHfDHD$0HD$ E1HD$(HD$HD$E11\fI}'PHHo1HoHMHLHLU/9mLS/IHHHwA<H
* }!&EH1LE1AH9HL[]A\A]A^A_@IF HX(L`H{;H{)HC H8H@HD$0HD$ HD$(HD$HD$DIF
E1HD$0HD$HHH@HL$(HHH@HL$ HHD$OAH
tIF HD$0AHD$HH0L`H@(HL$(HHH@HHL$ HD$fDIF HXHHH{HL$mH{HC H8H@HD$0HD$
E1HD$(HD$ffDH
)ABm}!Cf.IH|$txHHHA<yHD$H8,UHH1HoHMHLHDH|$HHHHL$@1HLlLLDLHL$
H~H|PHtH|$@E111AHD$`H|$@HIHD$H|$@LD$P11ALkw~HD HpHH|$@OHD$HLt$8Lt$(1HD$
DL(+9}|L*+Hx IUH 1HeHIHSLeH51AJDHct$H|$Lt$8tMIH|$MHt$LpfH
YApi!E1L@1)DE1MLhHcDHL1HT$ LIHD$(
SH|$HH5uHLD$(HLHHT LHD$(RLL$(LLLcLLH5~LQ`@L|$eAJH
I }!E?H1;fDHC HC tH
An!>HLVAT$HI|$L|ALbH51\I$H
ABm}!>9I~bHD$0Ht
0sbHHHD$11HlH
Azi!E1> 6HHD$ HHpgHD$0HD$ E1HD$(HD$HD$0HD$ HD$(HD$HD$H
cAi!E1V=HHxaHD$H|$1H
AxA!=11L9HKbHHD$H
A i!<fDAWAVAUATUSHXHHtHTHHD@HDHD<0H HkHCH
!App!E11E11E1
<Hct$<H|$HHEOHFLH8LE1HL1HXL[]A\A]A^A_@HC

Lx0LhH@(HXH@H8H\$HD$(HWHHHD$ H]H|$uxE1M1HLL$9L$IHHHI>DmH
H1HoHMuIHC LxH@HPH@H:HT$(HD$Hk
HHD$
AzH|$uH|$E1{}HHIg1H<Hl<Lt$HuL#9UL#H<$HJHUHH:KuHEH<$LpJHLxuHL$Ht$<H|$HHE:HL$@1LHD
$@Ht$ H|$@E1E1112HD$(H|$@HpgH|$@H5Lc
LLHHTH|$@H2?H|$H=H|$@t$<9X9HL$HH|$@E1E111Hct$<H|$HH'H)LHHD$HM.LLfDHC Hh(H}H}HE
H8H@HD$H{aXH|$1HS E1HD$(HD$ LjxL!HL$HHLC8Lk!9|fHE HD$hfH|$
E1H|$u&HD$0Hx[HHDWHtLkH
A p!E16E11fH
Amp!E161E1fE111@H
Asp!E1611yH|$@&Hct$<H|$HHMHl$H\$<1kMKZHHHD$911HDH
Azzp!E15AH
zHlHDt<111HHH|$H{u`11HHtJHD$WH
*Aup!E15bH{otAH
AH
oE111H
A p!14E11ATUSHH HGHDHDH8HH1HtGHItILC8Ht$1HHWH|$H5hL1H []A\fDH
!A>A3H|$H|$E1Iq\AGH{H`Q;Ht$.H|$H^HHcLCH|$H5^Hl$Q/1HLHD$9
H|$H5%U+HHHD$HHLH|$IA[~$LVH{(THtt5A]@H
!2H|$Yff.USHHHu7HC Ht.HX0Ht%H-9}H/H@H[]@H1[]SH_H9H$:[1H)AfAWAVAUATUSHHHt$qH
It?"HH$tiIAGHHcH@H
qAz!1e1H[]A\A]A^A_H
9AA!1-1IG HH H@(H@HHHD$E1HHL$@Ll$8L|$(IHLHL4HL$
f.LA9DLHx8I:H@H8H|$A1HLxH|$8H;H9HSHHHuH
'ATl!0H<$IG HD$IVH|HD@IG HXH{FH{|HC Ho8fH@HD$IG H@HxIG
Hl$8H@H8H|$AB1HHxnH|$8HHA9HHHHuH
ATl!.@1IG
H@H@HHD$fI11LHDIG HX(HH H{HH{+HC H8H@HD$IG H@(HxjAWH|$K"IG HD$H@(H@ DI|$8
H5D$@HHIL$8HT$HH<$#|I|$(T$@H0AHt$8H<$RI|$ p4LHHT$ Ht$H<$t[T$4Ht$LLJvH
AYD!1,H
Ar!,k1L6LAk<@H
IA!1=,AvH
A!
,H
Ap!1+H|$iHHtgHL$@1HHH-1H1Ht$@H|$+.HC HD$MHC HD$H
CAk!9+11LcH-CL|$(H\$@H|$8HT$4H$IG T$4HHx1AG]H|$IG HD$H@H@ 5H
~AYD!1r*PHHD$AHIG H@(HH9HHD$tlHIG H@HHwHDHDH5H1H
A!)AH
A!1)ffff.SH_0H^1H1[1H8fSH3-1Hc11Hi8HtH@[fD1[@AWAVIAUATIUSHHHhaHIH}LtOH}>tAH
Arq!1(L.Hh[]A\A]A^A_DIFLd$H8HucvfD1HLxH|$H#H9H|$ H9t}H%HHtHHHuAH
lq!'1*H
AAq!1'Ht$LI^HtHhudLI^(H<HHsHL.0@H
1ADq!1%'jLd$ HTLHDLHHtCT$9uHxLt@H
Aeq!&AH1HLH"9;Ht$H~\Ht$HcLZH|$H5%H
A
iq!&GH
A
q!%@AWAVAUATUSHHQHy HIHyHIMHC

HHID$HPH0HHL$\9HIHL$HLHHhHHHLLHL[]A\A]A^A_H{WaH
Ark!$$H
A|zk!$H1[]A\A]A^A_fDH
yAk!o$DH
QAwk!G$DH
)Ajk!$sf.H
Ak!#H;fATIUHSH5>;H14
H HID$u+@H
HI|$H
HtH_
9|[]A\[1]A\fATIUHSH5>;H01H, HID$0u+@H
HI|$0H/
HtH9|[]A\[1]A\fHGH07ATIUSHHtvt1H
A9nh!1~"H[]A\fDID$ HH@(Hx AD$H[]A\f.A\$HcHtID$ H@(HxhuID$ H@(Hx QID$ H@(H@]A3H
1hh!!H[]A\DA%JUSHHHHt^t1H
Acpm!P!H1[]HC
HxCHC HhH[]HC Hx(HC Hh(H[]USHHRH
?HEHcHfDHHE t:H81rH[]HHE tH81q 1H[]HHE H[]HHE tH8q{+HHE tH81XqtHE HXH=DHHE NH8q9HE
HX(gHf.H
Apn!_1HE HXHH} D$HE D$zfATUISHHtHuH[1]A\DHL=t[]A\ffffff.USHHHmHk HCH[]fAVAUIATUSHHHt
HC 1Lp HhIEH8A"HH8~D9tVH9|eHHHHCt{DHHCHHLLxH[]A\A]A^H
Aqg!1H[]A\A]A^HH
AAg!GH1[]A\A]A^HDDfDUSHHHHktuAHC HXH@HH;tVH]H;HtoH[]H
Aqd!H1[]fDH
AAd!oH1[]fDHD$4D$H[]fHGUSHHHH{tuAHC HXH@HH;tVHH;HtoH[]H
Aqe!H1[]fDH
A#Ae!H1[]fDHDTDH[]fHGAUATIUSHHIHH?}lu1H[]A\A]@H,H{HDtHCHxH,HkHYHHEtLLLc82{H{1HHI
D$Ht/HHt#1HLMu/H
AX!> fH
qAS!1AVAUIATUISIHHHtK~HHHLLHtwHL2thHH[]A\A]A^fDHt$H~?|$HHHuH
Ah!MD1H1HH[]A\A]A^fff.ATUHSHHmt0H
IAq~![]A\DHC L`HID$t9HC HH@H@'HS HZhH[]A\H
A}A~!g[1]A\HtCH t<SHHtH{uHC [H@ f.1[@1DHtHG8HHtHGHHtHG Hf.HtHGHfUSHHHHtVu!HC
Hx0HaH[]fH
Aqf!oH1[]fDHC
HxfDATUHSHH?1hu1[]A\H8(H{HltHCHxH3(LcH7UHID$tH+HtHHPHt?LMt31HHAtn~BHWHk f@AH
!w:fH
A!O1AATUISHHHt)HHtHL?tH[]A\H1fH[]A\fffff.USHHHH+u&HEHK HPHyH0H[])H1[]USHHHHt^u)HC
HHX(QtYHkH[]DH
Aql!'H1[]fDHC HHXuH
EAl!DDH[]@USHHHH~~pt;HC
H@(HPHHJHHUH[]@HC H@HPHuHHC H@HPfuHS 1HuH[]fH1[]HC H@(HP fKHHC H@(HPLA1;=@L
11;L>ffff.AUATIUSHIHH~A1AuHE
H@50;PLHLE1"?H[]A\A]H0;4AUATIUS1HAHHtyHDHL0;11H?HHtHH[]A\A]@H
YAP!DH
1AGA!1H[]A\A]AVAUIATIUSHLHID^'HLLL5HH@AAtH[]A\A]A^1HVtLrIDDDLH9It9Hx~IUHCH2H8MALa
A9|H
A![E1H5+;L1H[]A\A]A^LL

kHIHHtL6thHHtL Y7HHtL()HHt)L-H-Ht-
LvHHtLEsHHtLd,BHHt,L3%HiHt%L%H8Ht@%LHHtLP%~HHt(%LoLHL\H5%);LH
)Au!1}eH
A{|!O7f.I}HHpH@@HdH
AA!
yAWAVIAUATIUSIHEHHH"HHpHt1EHLHHDtCA@uyAPtHHH[]A\A]A^A_fDLHHt/L9|fDDLHufDH1@1HA
PoH
6A(t!f.H
 AAt!_f.AWAVAUATUSHH1IHILHHOHIM1H9HH@LHPH0HHLTuLE15IE
HxHtuIWI7WHtdfHLtH&9}pH(LxLIWI7HufDtgH~61HH
A|!
LE1HL[]A\A]A^A_Lx H9}HHHIE HxHtH1HQjHHuoDH
Aq|!E1D
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hAA|! fAWAVAUATUSHHHHHIIIMDt9H
Aqu!E1U HHD[]A\A]A^A_11HoMHT$+tXt11H?Hu MHHH$tHu\H
]A{u!E1VH
1Au!E1*LHE1HHDHHD AA sD|Lll$,L|$Ll$ LL9NLHS LLHJHeH5LL&D|Lt LpLE1SH
Auu!bHc:QH5BH1%H|$ HD$H|$H5jMt|$+L3H|$@H
yAvu!E1rH
IAzu!E1BLll,fDML=0LHHIAD$+AA%^*HHHD$H11WH5EHHD$ufH|$Ht$LE;AAu_L,$D|$1L|$L$$9fDLILy
LHHLXLE9|L$$AH|$
 DE1HDHHtH|$:Ll$H|$ E1wH5j1L1HmHI|H|$ E14H5Mj11H\$Lll,LlHl
CfDLn1HLHHHL#9H\$Lll,D|LlL|l,AHl$ HALA9LDLHS LHHJHbH5
HHC HHpKHLLl$L7AH
ASu!NLFH|$ HL$81LhH|$8\'HIHHM9ID$+HE1HD$H|$ D|$A
H
V!uE1HD$H|$ fD|Al,AHl$
HADLLA9DLH1HLHtHC HHpHH
!A=AuE1HD$H|$ H
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G!AaiuD|$L$$H|$ TH|$H
A2Au!E1WH|$ H5j1
*DAVAUIATUASHHHIHtbHL1]u&@HLHHtVH9|Au(DLL`u@1LE1[L]A\A]A^f.H
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Ays! l@AWAVAUATUSHH!HHIIIE1MtLL1LLHHIADHHHLHHILHz3~4LL=
u%11qLdHDfL8)fDH
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WID!D!GWGIWIHLHHL L %GWIWMIID!D!GWG IW$IHHI DG0ODO4ODG@DODLMD!IGD!WIWHHL
%GIGID!WIW,HHI DG<ODGLLMD!IGD!WIWHHL %GIGID!WIW(HHI DG8ODGHHfff.ffffff.DGHs
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ItCnnynnn+f.ffffff.L7H_HoWDw_oL<LtLlLdHl$
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aa!)looNssmlls(sysqsiaa ypO2yqKiS a[0Yc@)!p21A ypG2ypO2!9A)p?2 ypG21A!ypO 2) 9Ap02ypG@2!1A)
!9A)1s9sIsQsAsAA)!asA ysA)!YsA qsA!)s)isAysA)!asA
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ffHRHufIt4HL)1M1DD0DHRIu1HRHuHf.FSHHFFFuH;HH;HH[ffffff.AWAVAUATIUSHHHLLMtDALM)L9K<
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AUHATUHSHMMIE1H1AAHH]uH1[]A\A]A^A_HLLAWLD$PMHHZYH[]A\A]A^A_1ffff.AWAV1AUATUSH
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;O(HA9HHfD8HHHwATUSHH -:D%rC;Ct&9H@HPH{(HC(fDckxmwbHH
9Akh$D${D$H[]A\fDAPfD1H
9CfCH@Axh$1H[]A\@H@H[]A\CD9fffff.xHwQu=:5B;HH
8Ay$1HH
8Axy$O1HHt{SH@HHtPH{(OH;7HHCuHHB8[hBefHH&8[h~fDfffff.AWAVAUATUSHHH9W`HHDH@grH
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kPM8H@HHATMHLHtMHZYH
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4Av$=1[fAUATUSHHD$HHI'H9WhIHHHk@H$AS0HHt$LCHHH9C@HH9CHH@MLHHt$HPHt$HtHPHtHH1
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i2Afn$H1[]A\A]fATUSH HHHtCHIH;WHHH9gHLHQHHC 1HtBE11H{ 1HC []A\@H
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 \HHHE1HtSLmMtJHHHHIHfH*YDHE1AAHEHD[]A\A]{HHuHE1[D]A\A]fHhH111HAoHD[]A\A]HfHH
H*X[fUSH5HH=;Ht;tHtaHYAu
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HLG[]A\@AWAVAUATIUSLHLBHhEKHT$0H|$(MILl$PIJLD$L4HD$fA7AGLIIH1H1HHT$~DHLD$)D$P
HTPHLXHATALHAD$HHAD$HHAD$HHAD$HHAD$HHM9AD$aHtHD0H|$H|$(HLDILl$(IMIH=
Jc4HDMILl$PH\$HJLD$@HLl$
IIHD$8HIHD$fDAEE}HH|$
HIHDHD~D$L|$D$)D$PHTPHLXL1L1Ld$HSKHM@sHHSHHH@sSHHHSH;\$KcHT$@HD$0IH|$8H|$(H
\$HHLDILDHD(H8DhH|$H|$ H|$P~D$LlD)D$P!LD$Lt$L3|$XL3t$PIIKH
@ JcHLHPHHLHBHJHPDxLHBHJLHPHHLHBHJDpHD$
MHD$H|$D{H@;HCHHH@{CLHCLIHD{CHh[]A\A]A^A_fDAuIHIAuI}HL LoH H1A}IuHLFvHH ApMhHH
A}H
H1HT$H|$PH~DHLD$)D$PtHT$PHAA$HAL$HHHAAL$HL$XAAT$HALHAtHHHAtALDCDCD[@kS
@{@sHh[]A\A]A^A_IAHHAHIHIHT$lE1L1fD1fM1fDL1vfDHHHHD$ MHD$SHHH
HD$GH|$~DHDD$)D$uUHD$HHSHHCHD$HSHCHSHHHCSH
[DsAWDAAVAUATUSNA1IAAHJH9HOAH9AHDHHDYE9D
DXDJDOoDJDOqDJDOlDJDOgDJDOoDJDOPDJDOrDJ DOSDJ
DO hDJ
DO
IDJDOkDJ
DOLDJ
DO
-DJD$DOAAE1A)N$1EIA@fAoAAHE9wEL$ADE9tHcfD
DH9HH
T+IH
I)AH~E"AAt6HcMcLL7JMHII)f2HBDL9uHDT NHHu[]A\A]A^A_DAAAAD)D)LcI[HTD$1@D
DH9D$m1D$YDLD?D$2D$%DD DDD$
DD
D$AWAVMAUATIUSILH8AHL$L$p1HLt$

HtLHTHD$C~D$HDD)D$ HL$ HT$HHCHHCHHCHD$(HCH@sHHHC@sA,1AL-HH9t*HcA,H>1AL-
HH92AH8[]A\A]A^A_fHtHl$ E1HtHHTHD$C~D$HDD)D$ HD$
HT$HHKHHKHHKHL$(HKH@sHHHK@sC24CD5IL9:HcC44H@21Ct5I@1I92AWAVIAUATMUSIHHA0AH
L$AHIHt$@t$(I~D$DL$)IH@t$+HHLHDI@t$-
HL$,HHH)D$0DL$*@t$.L$/H|$0M11H|HtH|HTHL$0Ht$8HTHL(@t$,HD$)HHD$*HHD$+HHD$-
HHD$.HHD$/A1AHH9tDAHc2L4(AHH9KuAEHH[]A\A]A^A_HL$0Ht$8HAAtHAT$HHHAL$AT$HHAT$H
HHAtATISUATAUAVAWH(IMIIMH1H1H@oO@M)H4IMLd$L\$EEKESE[DDLDT$ED\$fE1E!E^AxjE1E
AEfnEfE1E!E_FAVE1VEAEfnEE1E!EW^Ap
$E1VEAEfEE1E!EOFAE1VEAEfEE1E!EG^A|E1VEAEfEE1E!E_FA*GE1VEAEfEE1E!EW^AF0E1VEAEfEE1E
!EOF AFE1VEAEfEE1E!EG ^$AiE1V
EAEfEE1E!E_$F(ADE1V$EAEfEE1E!EW(^,A[E1V(EAEfEE1E!EO,F0A\E1V,EAEfEE1E!EG0^4A"kE1V0EAEf
EE1E!E_4F8AqE1V4EAEfEE1E!EW8^<ACyE1V8EAEfEAoUE1E!EO<F@A!IE1V<EAEfEfsfffE1E!EG^DAb%
E1V@EAEfnEfE1E!E_FHA@@E1VDEA
EfnEE1E!EW,^LAQZ^&E1VHEAEfEE1E!EFPAE1VLEAEfEE1E!EG^TA]/E1VPEAEfEE1E!E_(FXASDE1VTE
A EfEE1E!EW<^\AE1VXEAEfEE1E!EOF`AE1V\EAEfEE1E!EG$^dA!E1V`EAEfEE1E!E_8FhA7E1VdEA
EfEE1E!EW^lA
E1VhEAEfEE1E!EO
 FpAZEE1VlEAEfEE1E!EG4^tAE1VpEAEfEE1E!E_FxAE1VtEA EfEE1E!EW^|AogE1VxEAEfEAo]@
E1E!EO0AL*E1V|EAEfEHH1@H4fsfffE1E1EG^AB9EAEfnEfE1E1E_
FAqEVAEfnEE1E1EW,^A"amEVAEfEE1E1EO8FA8EVAEfEE1E1EG^ADEVAEfEE1E1E_FAKEVAEfEE1E1E
W^A`KEVAEfEE1E1EO(F ApEVAEfEE1E1EG4^$A~(EV
AEfEE1E1EF(A'EV$AEfEE1E1EW^,A0EV(AEfEE1E1EOF0AEV,AEfEE1E1EG$^4A9EV0AEfEE1E1E_0F8AE
V4AEfEE1E1EW<^<A|EV8AEfEAoe E1E1EOF@AeVEV<AAfEfsfffE1E E^DAD")E1V@EAAfnEfE1E
E_FHA*CE1VDEA
AfnEE1E EW8^LA#E1VHEAAfEE1E EOFPA9E1VLEAAfEE1E EG0^TAY[eE1VPEAAfEE1E E_FXAE1VTEA
AfEE1E EW(^\A}E1VXEAAfEE1E EOF`A]E1V\EAAfEE1E EG ^dAO~oE1V`EAAfEE1E E_<FhA,E1VdEA
AfEE1E EW^lACE1VhEAAfEE1E EO4FpANE1VlEAAfEE1E EG^tA~SE1VpEAAfEE1E E_,FxA5:E1VtEA
AfEE1E EW^|A*E1VxEAAfEAom0@ E1E EO$AE1V|EAAfEHH1@HH1@H4fsffDDLDT$D\$C.C\.Cd.
Cl.0M@Mm@L;|Ld(EELET$E\$@oOL|$(Lt$0Ll$8Ld$@Hl$HH\$PHd$XH
uSATAUIIIM1H1HDWOD;H1AL)M)BIANHIrt4I)BABA2C,MdHuIrIBDDIBTD\IBTDDIBTD\IBTDDIBTD\IB
TD@DIBTDAIIM3O,MdIIvIcHt5I)BABA2C,MdHuHH1J4f^f:@ffsf^ffC,Md$fFVf^VfFVf^VfFVf^VfF
 Vf^$V fF(V$f^,V(fF0V,f^4V0fF8V4f^<V8fAAo$V<J4fHH1II+fsffC,Md$Iu
(BABA2C,MdIuABIEELIr@7H9BuHD2ALVEBL97uHD2AIr@7H9BuHD2ALVEBL97uHD2AIr@7H9BuH
D2ALVEBL97uHD2AIr@7H9BuHD2ALVEBL97uHD2AM[EEMd$EMMmI}IuEDBAEBA2$Md$AUMmIuAD
WOL,LdH\$HHH2HH1M1M1M1D;ArIsM1M1FD2EHFHDFFAsIfsM1M1FD2EHFuHFFAs1GGfDHY;rs
HHrc4(8x,int)rc4(8x,char)rc4(16x,int)RC4 for x86_64, CRYPTOGAMS by
<appro@openssl.org>HGHGXHHfo/H)H`1HBfffff.AWAVHAUATUSHZH|$H\$;GI\$_D$\$_\$_\$f.AD|$\$Dt$Ah
LDD$D1EHAxD1E`|$
D1D
\$1D
ADAA1C1
A1A
AA1ADAAXEpD1ED|$A1DDDDEPDt$1AA
E1
DA1A1
DEX D1
1DE1DEh$ DEA
A1Dt$EEh(A1AA1ADF4(D1Ax,

I@|$DA
11B7EpD1
T$1APDT$
11APDD|T
11AAAL$1D1
DA
 1A@1A:yZ
D1!D1A4yZ
1!1D$DF8yZ1!1DD
yZ
1
!1DEyZ

1!1DD|$E?yZ
1!1DEx E7yZ
1!1DD|$EyZ1!1
DEyZ
1!1DD|$EyZ
1!1DD|$E?yZ
1!1DD3yZ1!1DEyZ
1
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1!1DD|$E7n 1DEn

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En
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n

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En 1
DD|$En
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 1DD;n
 1DE6n
 1DD1!1DD|$
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DD|$E1!1
DE=1!1
DD|$E71!1
DE1!1
DE1!1
DE 1!1
DD|$E?1!1
DD|$ E71!1DE
1!1
DExE1!1
DD|$E1!1
DA;1D!1
|$71!1
DG91!1
DENS
1DD|$ ENS
1DDNS
1DD|$E7NS 1
DA A:NS1ANS

1D G9NS1
DAA=NS
D
1T$2NS 1B=NS
DAAA
A1AD$AANS
D1A3NS
D A
1L$9NSD
1|$NS
1B<:|$Ap|$ 3T$B>NSD|$4TtL$
ttNSPtDT|t1 LDP1 DD|DD
1BPD$ P
1D$DEP 1DE9P

1DD|$E7P
1DEP
1DD|$EP
1DD|$EP
1DExE?P
1DE3P
1DD
P
1DEP
1DD|$EP
1DE>P 1DD|$
E7$M\1!1

DD|$ E$M\1!1
DD|$
E$M\1!1
DE$M\1!1
DD|$E?$M\1!1
DD|$E7$M\1!1
DD$M\1!1
DE$M\ 1!1
DD|EM\1!1DEx
E?$M\1!1
DE3$M\1!1
DE$M\1!1
DE$M\1!1
DD|EM\1!1
DA=$M\A1A!A1
AA
AA1$M\D1!1
Ap>pmDA
1
>pm D1>pm
1D$DF8>pm
1DE:>pm
1DD|$E7>pm
1DD|$E>pm
1DD|$E>pm 1DD|$
E>pm
1DE;>pm
1DE6>pm

1DE >pm
1DE>pm 1DD|$

E>pm
1DE<>pm

1DD|$E7>pm
1DEvmz
1!1DD|$Evmz1!1DEvmz
1
!1DD=vmz
1!1DD|$E7vmz
1!1DD|$Evmz
1!1DExEvmz1!1
DD|$Evmz
1!1DD;vmz
1!1DE6vmz
1!1DE vmz 1!1DD|$
Evmz

1!1DD|$ Evmz
1!1DE:vmz
1!1DE5vmz
1!1DD|$Evmz1!1D
A
1AA1C7A
A1EA@A1DDAA1
EAA1A1
DDA1D 1AA1

D1Dd$1
1D1
1ADA1ADA1t$A1DA
DA1
AA1A1
DE
T$A1A
A1DED$A1A
A1DE|$A1AA1DDL$t$A1AEA
t$A
A1
AL$A
E1DA6
D1AAL$A\$H\$AAT$E1DkDl$D|DDtDTHlB48AttED{D|$DHD
K(D1TLBXHD$\$H[]A\A]A^A_fHAVAU1ATUSGHAWHIGG\HHHWt4LwH?I<w^HTH?wSH)k\[]A\A]A^fH
HHH{Dk\HL([]A\A]A^A@I)II$LHKD,JD/HGHH)H)LHHrH1H4H4HH9rL)LHMbfHHC\HCAFAF
AF0tLH-
HHIH)HAfAu2MyA$AhCD,fBD/WA$CD,BD/;fDATULfSF\HHDHH8IX8H)H1ztCLHCTcUCWCSVCXcYC[SZ
C\L@HEeHHUECHEeHHUECHEe HHU
ECHEe
HHUECHEeHHEU[]A\fDHqHHDHH)19H<rD@H)t1HH9rLHL8}f.D1fToAUATHu:USIHIHhHHHDH4t8LLHH
HH`ZHhH[]A\A]@Hh1[]A\A]H(1E)DH((H(?AWAVAAUATIUSHHtTEtrMH5(iH5HE1P~7H5tH:~HuCE1E1L%7
HD[]A\A]A^A_MH5HfH5H~IEHH0H~H5HwH`H5HtIIEHH0Hd)H5H=MeI<$(=It$H=qL:HIzH0H_H5HHOAHH
EH5SHHD1.IuHH!H5HjHA3H5HAIuHHH5DHAfH5MHE1AH5qHH5KHE1H5XHE1iH5HwKH5@H_;DH(?HG(
Hx4H(-
AWAVAUATIUSHH(HFH~(HDHD8teHt$%AHCL|$Lt$8+H1AUMMHLZYH([]A\A]A^A_fHG`HH5lL:HT$H
OrH1HtH{(bH
AA5H|$u9H(1[]A\A]A^A_@H
AAD${5H|$19D$7fDSHcH1#HtHKHH1[DH
YA41[ff.AWAVE1AUATAUSHIHH^(H{Ht2AH{XDHAID$HH5H8HHD1_WH{(dEH5AID1H)!L5xH5HS1EHH
S
1ELHHS(H5m1EHHS0H5^1EHHS8H5F1EH~HS@H5.1EHf^HSHH51EHF>HSPH51EHA
uFH51HH$H51EHHPAH{XEwD9H{XDE1H$DHDt$ADtO|$eH5S1Hk~gH$H51EHHLtHAdIH51H'~#H$H51EH
HPu1H[]A\A]A^A_H5e1DH~L5-H59IT$:uHS`DHgffff.USHHHHG(HpHC(Hx*1uHE(Hp HC(Hx
*1H[]@AWAVAUATIUSHH(HFH~(HDHD8tUHt$A~fHCL|$Lt$8EMLHL!tuH([]A\A]A^A_HG`HtGH5G:HT
$HlHu1H([]A\A]A^A_DH{(ef.QfDH|$H5[D$D$AUATIUSH1HHH\$
HL$(HT$H7!uHH[]A\A]HcT$H1HHLd$(HT$8Ht$H|$0L).H|$0=t(HEHH0WD$tH
ABM/H4HH1[]A\A]H

iAi/1HD$4D$It$H=<E:HItZLhMt*I}=u#IuH=kB:HID$ tLc`ID$
LHC`(HC`AVAUE1ATUHSH^(IAH{Ht*,AH{XDHtjID$HTH5wH8H!HE1~8H5U1DH~
HSH5,1EHu@1[]A\A]A^DHS
H51EHxtIT$:uHS`DH@AUATIUSH1H8H\$HLHTHuH8[]A\A]HcT$H1HHLd$HT$(Ht$H|$ LI+H|$
/=t(HEHH0wH8[]A\A]D$ttbH
ABq,H1H81[]A\A]@H
A7,1
It$H=B:_HItZLhMt*I}e=u#IuH=?:.HID$ tLc`ID$
LHC`LHC`?AVAUAATUHSIHHH>=t)HHDHH[]A\A]A^&fDIt$H=A:HILpMt1I>=oIvH=>:WHID$
ZDHH5yHB~nDHuz1D$/(LD$H[]A\A]A^fDH5(HH[]A\A]A^E1f1'LH1[]A\A]A^fH5H~I$HH0H~H5Hr~DH,H5H
GoID$HH0H6NH5H7Mt$I>=IvH=D=:HIH0HXH5HDH!teHH561HIt$H~H~H5HPDHLD$<&LDID
LDHwH5<H1HH[]A\A]A^H5GHH5!HE1H5MHlXLp%L(1>H5HBiH5H*~It$HtH|~H58HL
%LH5H{mDAUATIUSIHyHHt%HHCHcHxML@th$HHLH%M=HD$HCLO@tbLB@t$HHt/LHU%1H5W::HT$
HbHH|$7*H#H{tL@t#HHC
u=H1sHH[]A\A]DM?HCHH[]A\A]LH$HH[]A\A]K#HHC]Ll$H{HLk#HD$1/HD$HCMfUSHH(QLL$E1
HHNLD$1H4LD$1H^4T$BvAHt$H|$HHt_H5C;:1H)aHHH(H[]@HH|$L)H\$t3T$y1H(H[]H|$DbDPT$AUATI
USLH+LD$1HH_3~H|$tH[]A\A]@HhHHtHtHH'HIuH'H1[]A\A]fDLHHS!iHHL6!mfff.HAUATIUSIHHHHHH8H
NHHEHC HH8lHHIEH{HNtA$H{Hti4tHt^H
A"1H[]A\A]1D#HHEU1H[]A\A]fH[]A\A]A$qHIE>1f.H
YA3!HE1UH
)A3!IE1%H
A!1$AUATIUSH1H(H>HD$HD$=t
H([]A\A]HuH=7:HHt9HXHt0H;=HsH=4:LHHE HLHTHt$HxuH
H([]A\A]DH|$>`vQE1H|$DELb@HE H1jfH|$9uH|$A;D$uf.AWAVAUATUSHXHD$HH
HcHHG8HX[]A\A]A^A_@HHG8`HuHt$HH|$tLH|$1HfDsH7HuHLD$0111HHsHD$0H8v=HU:}:HT$H1|$H1HG
8pH7HH13yHIHL$H11HFzHD$HH8v=HD$HH=9:HpsHHHhHtH}q=fHuH=1:6HHCQH8AjHHIcHHH8;HHI4Hk
HH}=H
ARHhDYfDHL$11Hf.HD$@`LD$HI111H:Mt!LD$@1L,l$@LHH[H|$HHH&HHD$0vHL$811HID$xsMt!LD$1L
]+Ml$tn;LL$ E1LD11H@
H|$0H|$H1HSdH|$81H0H\$0HD$8HD$@H;=JHsH=1:HHt;L`Mt2I<$=It$H=.:KHHC
HL$(HT$8Ht$@HwLL$HE1
HpCHH@H4HI,H
A1[yLD$(1L})YLL$@E1LBA/fHHLd$ Mt+Lh@t>1HHLHuLd$(HD$HHCML@L
@HHt^LHH5%-:HT$HHUHt:HHCt,Ld$HH{HLHD$HH|$HH1uH{"E8L1HHC(
HIHt$@DHL

DHCHH
A1mH
A3=H|$@H|$HAA9BH
QA:H
+AbHIaHE8H
A}&D$E1E1L&E1M L?1MLN&DD$M
L1?@l-E1H%L$(E1H%LD$81H%HC H1UnH
A'EH@LxH@D$H
@A1kH{LHiH5R1:HT$0H1QHHl$0[H|$8HH!HD$0AUATIUSMHH8H9=
H;HDHDHD$ w=HsH=a+:<HHt:HhHt1H}B='HuH=(:HHC HLHTHt$ H3toMHT$
Ht$1MLt+H|$E1#HxH8[]A\A]H
iADH|LL(E1

<~H|$ YH|$(M9JAH
HC H1fL$H|$E1"H|$LD$1"HrH
iADH
9ASHt8tKt [H>uR't1[fHHt[@H>HtDHHHx HfDtDHHHxHfDH
Y(:@HI(:t@H=9(:@H5)(:@H
Y-:@HI-:4@H=9-:T@H5)-:d@H
a':T@HQ':@H
(:4@H(:@HH=v(:JHH=':JAWAVAUATUSH8H07H8I)HH H(E1H83H+I#IHDH
HDHHDMMDM;H<$0H|$$HI A$I cVI011H\t$H
gACE1I811H\t$H
.AIE1E1Hl$ IXH811HF\t$H
AQE1]D9ul$,Hl$ IW8Iw0HL$HAtQ1Dd$ Dd$,Dl$,AH\$AE9IXDHHHHFAuAH
!AE1H8D[]A\A]A^A_f.HXgA~Ig#AT$9H
A%E1?DH
A3AAH)L!H|$H<$H|$H|$)H
&A=eE1
H
A9eE1
GIwHDd$ Dl$,Iw0HH1ugIw8HLuKHL$H<$LHy?/HL$H|LHD nIXt$
HUH3H\$HHtH<HLHH?H|HLHHD$ D;d$ uLDHL1H$H|$qIW
Iw(HLDHLOH u$H
vA{E1I@DIH9IP.[Iw0HHsIW(LD$1HLIw@Lt$H
A|E1rIw8HH>stIW(LD$1HLVIwHL\t$H
yA}E1IW0Iw8HHL$/HIwPH
t$H
'A~E1
E1D9d$ IXDHH3HHbrIW(LD$1HLzHsLt$H
AE1(
HsHL$HHTH)HsH/t$H
LAE1 AfDIW8Iw0HHL$<IwH2H
AgE1s H
AeE1J D1HHHPHHfHA`fHA`fHA` fHA`f1HtHG@HSHH0qCtHCt[AWAVAUATIUSIHH(HHzH|HHA~Il$
HHIItHIDML$x1HLHL@0sLIM;LqH{{L9tH~yI9l$ tHH(L[]A\A]A^A_DAH
AE1tf{xHHE1f.ID$(M|$0Mt$8HHD$Mu]MtXHyHW{HHD$J{HH$>{Ht"HD$oH<$HLnLD$ugHzH
PAE1fDH
!Af.LDLDHLL3nLD$oH4$H|$HL8SHT$Ht$1HVHIyM3Lf.SHHHtHt$$Ht$HGHH1HtCt$CtH[AWAVIAUATI
USHHT$|$.I
HMHHu*Ht%E1AA@tFMsDHuHI H1
L'HH[]A\A]A^A_DHt$LL t$LHH tHLHrHt
HH=I8H=8HAWAVAUATUSHHLWMJpMtH[]A\A]A^A_AIBhHt?uHHL[]A\A]A^A_1H[]A\A]A^A_f.MAI~I~A
A9~LH
mATE11LNwLVuANH
/xtHIHuLwLHD$(wLHD$wHHD$ AD$`HcD`JA9~%HcD`JA9~HcA9D`~HcD`I|$I|$(I|$
I|$0I|$8rI|$@NI|$HI|$PAHD$HD$0I|$ HcHH
A17A9HANL$`L$dtL$htL$lt L$pA9HcA9D`Av1AD$"HHD$ZI|$XHtH5:HDIDXH|$H=A9OHHD$0uh!HID$@
HID$8{HID$0WyHID$
3HID$(IHID$l1D$@1L|$DtLMt0LE1HcD$DD`D$HD$8El$XD$\t$8E111MLYNtZ1Ll$PAH\$
AA9t7EKA7AuHH0L7uLlPLlPnHl$

HLHgHIT$ HL$HH|$Hal$X)It$HL$LH|$1#T$\Ht$H|$ xH|$
HH@HL$PHHT$@LjF|$Lu<HL$PHwED$HADD$8DDl@xIt$8It$0|Dul@11D$HADD$8Mt$8fHID$P)NHI
DHIT8It$0HL$H|$0L|$u%lubT$@LjEH|$sHD$0L0GI|$~'HD$0HH@HHD$8HtI|HtH\LGEEDt$LA9It$8I|$0L
|yID0IT$8ID$8IT$0It$0H|$HeIt$8H|$ HdHT$ Ht$LH|$(X/A9~oH|$sHVH}HuHddH|$(HULH
/H1L>D<HHHt$(HI|$(It$ LHHHtaWHHIt$(HIt$@HL$1MHmxtIt$HHL$ 1MHRxu
HwA9~*H|$uHp1MHHxtHHH*It$0HIt$8I|$PLHHqA9~CH|$u-
H0IHIt$I|$LHUH.HODHGH@hHtIH`HGff.USHHHHGH@@HtH{\HE8HCHkHtHH[]fDHtGpt
~DSHGHHtH@@HtH{HShH 4H2H{)H{ H{(WH{0NH{8EH{@<H{H3H{P*H{`H5
:H{X!H5bH)bHH5cQHH5O[<fff.USH5/H4HqHH%@pHH6KHC@HHCttoHAHHkH]HHC@HHShH Ct-
tcHCH@8Ht Ht,HH[]fHHHCuHCfH
AA^FjOH1HH[]ARH
&jDH
A7AjNf.H
A>AjH5H?1y@19fGpffff.Hh'+Hh+USHHH.{tH[]4@H{X~w9|H1[]f.AVAUIATUISHHHHtsH{ t4Hu?MuHfMAt
H{(Ls([D]A\A]A^@E1HtHtMHktHk HLc E1HtH{
uHuf.ATUISHH0HHtZH{8t3Hu>MtHk8HhLc8[]A\f.1HtHt@;Hk0D1HtH{8uHuff.AUATUSHHG@HuHtpHHuHt
dHPuHtXHIIHHtHHk@Mt
H{HLkHMt
H{PLcPH[]A\A]DH1[]A\A]fHHHEAWAVEAUATIUSHDIHH(H|$1
HIIEXEHD$AGE1HHD$o@J<;J|=K<<~H8~I}uI}lJ;LLIMJL=IMK<IIML;|$tEHIuH5Y:Lq1H([]A\A]A^A_1DLfD
H\$LsXHwuHH\$HXXDHD$HtH5:HHD$@@HtHGHHtHG
HHtHG(Hf.HtHG0HHtHG8HfDHHXHH@AUATIUSHHt7~0D`1If.H}XHIDHI9uH[]A\A]@HtHG@HHtHGHHH
tHGPHf.AVAUIATUISH:tMuMu[]A\A]A^fD~Mt?MtrDp1IH}XHPIH@IDHL9ufD`1IfDH}XH@IDHL9urfDDh1I
fDH}XH@IHI9u;HGff.HG ff.HG(ff.HG0ff.HG8ff.HG@ff.HGHff.HGPff.!wtf.Gt!f.
wtfff.Gfff.HGff.HtHHtt=uMAAATAUH5{SHxHt?H5\D`HHHuHHtH[]A\H51HH
AA1Ht3SHH?H5#HH5$[fDfDUSH5H*xHHoEHH5/oE@oE @
oE0@0oE@@@oEP@PoE`@`HEpHCpH}sHHtHH[]H53HH
A6A1Hfff.USHHH5AHssHt.H}H5HHVH]H[]fDH
qADAOH1[]fDGHfff.wHHGPff.HwPfDHGff.HwfDHGff.HwfDHGff.HwfDHG ff.Hw
fDHG(ff.Hw(fDHG0ff.Hw0fDHG8ff.Hw8fDHG@ff.Hw@fDHGXff.HwXfDHG`ff.Hw`fDHGhff.HwhfDHGpff.H
wpSHHHH5[.fffff.SHH?H{H{H[fSH5P$(9HHHHt3HHCt"HHCtHHCtH[HHH{H{H{H5H81TH[H
A%AWDAWAVAUATIUSHHXD$~n9\HItaMe0Im81'DLHLbtC;\$MgI/tVI}XHxIHuHHIGu1f1E1LD$o\D$H[]A\
A]A^A_@~~1H9H|HHHH
Azk1HH
qAnk1H9ATUS8I)1HcHcHcLH)HO[]A\H
A$moAWAVAUATIUSHH|$(HTHLLD$NHHGH|$5MLcL|$(HD$<E11HD$
HHt$1HH\$?D$<HHD$=HHD$>qNHT$Ht$H7QHt$
HQK.L9H$81LHQH$HML9IWE1H\$@1fH\$@1HHPtOH|$(LHL)E1LH@8HMHD[]A\A]A^A_H\$@AAWAVA
UATIUSA^HLHTLDDLL$M.MLMD/DAE)E9A9HHct$H|HD(HE1IT1AEMD\$$DT$
HD$8HT$0aSDT$ D\$$Lt$@1E1E1@L7HhHLNHD[]A\A]A^A_fH
aADxE1f.H
1A>nE1|f.IIEA1E)D\$HDHD0E)HD$(AVAMcHcHIcHcHL$0H)H+|$(Ht$DBD1HI}_D\$H5xUE4+IcHHIHL$(I
UMHH9EHD$(H|$0IDI9ID$H9AHANHP9A$0AT$0WAT$0WAT$0WAT$0WAT$0WAT$0WAT$0WAT$0W
AT$ 0W
AT$
0W
sAT$0WwAT$0W
{AT$

0W
^AT$A0WDDA1)HD$81LMLfAof)H9wA9tHD$0McfCB0IE9Lt$@HT$0MHt$(HE1L>E2AoEfD$@AEt=AoEfD
$PAEt'AoE!fD$`AE!tAoE1fD$pAE19-
H|$HcL@0P9HcL@0P9HcL@0P9HcL@0P9HcL@0P9HcL@0P9HcL@0P9HcL@0P9~|HcL@0P 9~jHcL@0P
9~XHcL@0P9~FHcL@0P9~4HcL@0P
9~"HcL@09~HT@0fDADH
AWAE1Lt$@fE1Lt$@ANHT$01H@A4@04HH9uAFA;E1A(1,AAAE1AAA AA
AAA
HjjHffffff.AWAVIAUATEUSAH(H$hH|$8tLL0yHpHpHDhHhHpADEE9AGD$$D9DH5D)DhD
HHHD$HIcHHD$H5gIcHHIcH\$IEAUHHAD$DH!I)A)A"H9uIcL$DHLpHLLHt$(D!HFT$PLHD$HLLL$@D
$kELL$@IVHCH9HCI9]ASoCDf$)$tLoCf$)$t1oC!f$)$toC1f$)$DA9wHcL0PA9\HcL0PA9AHcL0PA9&HcL0PA
9HcL0PA9HcL0PA9HcL0PA9HcL0PA9HcL0P A9HcL0P
A9~mHcL0PA9~VHcL0PA9~?HcL0P
A9~(HcL0A9~HT0Ll$(L$pLHtHLLXLKD$@D$|$
JD+LL$XH9HEI9Ht$hHHV9A0UAQ0UAQ0UAQ0UAQ0U&AQ0U.AQ0U+AQ0U5AQ0U ?AQ 0U
<AQ
0U
SAQ0UPAQ0U
MAQ
0U
dAQAA0UA)1HL5Ht$HD1H@of)H9wDAA9t$T$
Mcf.CB0DID9Hc$`L$E1L$h1H|$0LFD$@LS+Ht$H}HHt$H}HD$H([]A\A]A^A_H
|AA1%LDpH$hufDH
y|AALDfLl$(LHL*AAA!AD#L$PD;|$
D$hLE1E1D)D`Ld$H@T=D1H!D!A !A1!D A!L9utDd AE!E)D)D1D1 1D!D$|D DD$ |$D)pt$0)11
1!1D$xH|$HD)LthHDHD=IHAHcD$$AHD$PHDH$AGD$XHHHD$`AGD$lHHHD$pfDhDD
Dl$$!A)!E9HD$(HcDI<D)AHH9@HI9@
A
AzD)D9E
HD$PH|AD5HDDlE1D!D1DL$XADLl$`BHA}DLA1DDL$l!1AAEDhLl$pBHA}DLA1D!1AAEAG6HcHHDDlE
1D!A1AAGDHcHHDDlE1D!A1AAGDHcHHDDlE1D!A1AAGDHcHHDDlE1D!A1AAGDvHcHHDDlE1D!A1A
AG DFHcHHDDlE1D!A1A AG
DHcHHDDlE1D!A1A
AGDHcHHDDlE1D!A1AAGDHcHHDDlE1D!A1AAG
DHcHHDDlE1D!A1A
AGDtZHcHHDDlE1D!A1AAGDu.HcHHDDlE1D!A1AGDT$EDfnT$ALALL=Hf`EAH11fafp@fAoofffA)HA9w
DD9t(H|H@L1D!1THA99t$0H$DLt$x:HD$(H|$8HT$HHDHH9HGH9\QHHN9DDDT$|D A1D!D!1DOD)D1
HcD$$D!D\A1D!1ODOD)D1 AWHcD!D\A1D!1ODOD)D1 AWHcD!D\A1D!1O`DOD)D1
AWHcD!D\A1D!1OdDOD)D1 AWHcD!D\A1D!1ODOD)D1 AWHcD!D\A1D!1ODOD)D1
AWHcD!D\A1D!1ODOD)D1 AWHcD!D\A1D!1 O DO D) D1 AW HcD!D\A1D!1
O f
DO
D)
D1 AW
HcD!D\A1D!1O
MDOD)D1 AWHcD!D\A1D!1ODOD)D1 AWHcD!D\A1D!1
O
DO

D)
D1 AW
HcD!D\A1D!1O
DOD)D$@D1 AGHD!DTA1D!1ODD$xfn|$@Dd$1fpfn|$A)Ht$8fpfn|$|DfDof%kHHt$(fpfDo
kHtfDoQr1fo=WrHfo5}
@fofofDoffffEfDofDofEfDoffEfAofDfoffffAfAfrffDfofArfDfAafAifDofafDifAofffAafDofEffAfEofAfDfDofDfEfr
ffEfEfDofArfDfAafEifDofAafEifAaffgofff)H9DD$@D9t[HD$(Hct$@DD$xDL$|HL$8H|fDE1D)A1D1D
DT71D!A1D!11HA9H
JpAy$AO1HfDTA0HH9uyAAH
oAy'D$f.HD$PHLD)B<H$fH1D!1AH9uD$hH1H@A0THH9uD$;DIAA>AA0DE1gD$xDL$|1LD$8pHD$(HH|EA
D)A1D1D DT1D!A1D!1AHH9uIAADdhD$|AAA}E1ArAAdAAVD$@AA;D$@A A
A
AD$@^D$@QAAAAA
AD$@D$@
AAD$@D$@D$@ D$@
D$@
D$@D$@D$@fDHjjD$(PH(OtfDUSH1HHx\HPHDfH}XHx
)H}X9|H[]AWAVIAUATUSHHxH|$HH4$K<H>HHD$=HHD$=HI=HtAE1AHAGtuH(IWIIxHHE1H<HxD[]A\A
]A^A_HItIw0HIIHLHIw8LgIIHLnHthE1ETLt$ Hl$(EfDAE9IXDH0LHIH} HLHuLy@HIH4$HIO8Ht$L1ILd$
DAsH:IwHHHD$(dL\$(IGIIO8MLHt$LP0AL\$('LIO0HT$ 1Ht$ICAH|$ |HIw@HHD$ LT$
IGIH|$IO0MHt$LP0LT$ AL7EAyIHD$ lHHD$(HL$P1MHL$0Lt$@Hl$HHDl$<Lt$DIXH4$H|$(IIuH|$
IMHT$(1ILBIGMM IIMHT$ LLP0H9l$<CHk:IHD$0ML$^H|$(,@H|$ fIXA@KH|$(fH|$ E1YfDLLt$ Hl$(AGt
DH|$ LLLLIGH
9H9H0t AGtI8.I0A"A9uAGtIH4$HLIHLLOIO8IWHIMLL
PjIH4$HH|$jJH|$IHH+H|$IO0IIW@MHOH|$IO0LHH|$IHHH|$IIIWPHVIW8Ht$HH|$H|$IOLHlIW
HIOHIGH59H9p0Lt$LIGIOIIW MOxLHP0H$HH5+H%u<IO1IHH?Hm
HH|$AuH|$(Dl$<Lt$@Hl$HH|$ H|$LH*]H|$tH|$IW0H)6IWPHt$HH|$H
HtHHD LL$ IO01Ht$IL>LL$ AL8H|$^tH|$IW0H))IW8Ht$HH|$;{Ld$H|$LL(^EHIDHL$P1Dl$Hl$
IHHL$0IXDdHHD$0HT$LJ4;)HSH|$HLHt$LH1ILL=tvLVtHLL$(tXHSHLL>tBH|$LH't.ID9l$7LHHl$
fALAH0IWIIxHHCHHIw(HIGH|$IIOMOxHH4$P0AH-
IWHH)'MOxHt$IHx\lsff.AWAVAAUATIUSHH(HyHTDD=@Hs H{>H{]=bm0HHH1H3HHD$t3H{H$PH5
bHLcLDd$wH<$IHD9teHTDLAH
HsH|$pCtHCLSHS ILKxHHt$H<$AAR0|$T$H<$LRAD$H|$IcLEypH

aABrgMH{ @AH
`egA8DE1E1AH\1Hd/H`GLLwH(D[]A\A]A^A_H
a`AlgAQH
1`AAgA!h@H
`A g>fH
_AigA7@AL<$LyHHtHsLLn$\$H<$LtH|$ALcA/H
A_A>vgA1xt$H|$DLAEAHH{xHHH:HCKDAWAVAAUATEUSHH8HyHtHT=@Hs H{^H{}=R,HHH-
H/HHD$(/H{HD$6PH5)^HdLcLDl$$tH|$IHANAAHT$t$$E1E1DHAL|$(t$$LLfHHsLQCtHCLSHS
ILKxHHt$(H|$AAR0tmT$$Ht$H|$>AUfH{
@AYH
]ehA8DE1E1AH-H+H\LLtH8D[]A\A]A^A_AurHT$t$$DHfH
i\AfAhAYp@HT$t$$DHPoH
\AxvhA @HT$t$$DHH
[Ahf.H

[AMihA@AR]HH{xHHHrHCffff.AWAVIAUATUSHH8|HT
DD$))HHUH*H=,HI2,H}IPH5ZHD$HHHD$pMIUHLD$AtlKH
tZAvfeH
+H)Ht$H9ZLfqH8[]A\A]A^A_L$t$LL]t$LLHHuLAEtE1HD$ HEHHLLP(oMtHt$HLLwO|$$THt
Lc@LtLL+LtLLHUHH}xHHEtE1HD$'HLMLLM=HH)HHD$JL HtLHLLD$(T$((EtHuLL!
LL^MOHLH1L$$HD$},H}0t'H}8t H}@tH}HtH}P#HtHu(HHD$(LT$(HELHMLMxILLP0LT$(LAH
=WAf9ffDHHHIH5HH
VA)DffW@HD$E1=fH
VAfzDHHHIHOMKA0AAff.AWAVIAUATAUSHH8HT$ DD$
$HHHf%H'HHD$'H}IPH5UHD$HHHD$kMIcHZD9tHTDL*HaHuH|$EtE1E12
HEHHHt$LP(MtHLLLT$LL|${~AD$HLjt$ E1H|$0A$XZ)fD|tH|$ LAwH
^TAreTwH$H"Ht$HTL~kH8[]A\A]A^A_DHLMLLLMHH$HILH|$LHLLD$(T$(yEt
<}2H}0t%H}8tH}@tH}HtH}PDHHu(HHD$(EtLT$(HELLT$(LHMLMxIHt$P0LT$(LfH
RAveNDHE1H|$LH1t$H|$ LAGH|$ HcLAH
RAe
f.fDHHeHIHHH
QADeTH
QAler&DHD$E1fH
9QAe*DHHHIHM6+HUHH}xHyHLT$(LtbAyAnH=9H9H91FATUS9~MLG)IfHcLHHLH{[]A\fDH
!PAnl[1]A\A
SPA9AD9:LBYB<AHD1EPAu=IDIHDJH9uD9A~Q)9H[Eu_IHD:HBHXH
#OAggpftH
NAXfpmH
NAKjpzA7H
NAmmpEH
iNAaqpH
>NACpf.AUFATUSH9nH_fIA)H:$~\EHl;t6HH9uH}EDLH[]A\A]D;uH#H1[]A\A]DH
aMA}nmH1[]A\A]Hzf_
AWAVAUATUSHXD9EA
IcAH5LHIHHD$(bHHD$(HcLI@IKI!H))@"2)A9AwG@E1E1P!!!EA1H!DD!A !A1A9A@DD

 D1AD)!DD1)1 D1!AvD$$t$D)D1D1 1!D1D$8IO
IG)tHlHIHD$HGI\$<L|$@AHD$0HAED$D)D$
 DHLHD$@D$EA)!!AHcAHDH;D$HDH9A@A@9D$E FOHD<A1D!1AGFOHD<A1D!1AGxF
O
HDA1D!1AG
sFOHD<A1D!1AG^FOHDA1D!1AGIFOHD<A1D!1AG.FOHDA1D!1AG8FOHD<A1D!1AGjFOHD<A1D!1A
GOFOHDA1D!1A
G4FOHDA1D!1AGFOHD<A1D!1AGuFOHD<A1D!1A
GFOHDA1D!1AGFOHDA1D!1G@L
1fn$f`F<HL$EfaAL1fpI@fAoAofffA)HA9wDD9t&LH@A1D!1HA99t$\$<L|$@Hl$Ht$8)IW
HEH9IGH9A8HVHH9uODt$$ D!1!1UM)1 wD!1!1U3M)1 w
D!1!1U%M)1 wD!1!1UM)1 wD!1!1UM)1 wD!1!1UM)1 wD!1!1UM)1 wD!1!1 U M) 1 wD!1!1
U o
M
)
1 wD!1!1U
PM)1 wD!1!1U\M)1 wD!1!1

UN
M
)
1 wD!1!1U

M)DL81 wD!1!1Ufn<$\$A)E1fpfn|$fDoHLfpHtfn|$$A1fDo
e=f%M=fpfDo/Dfo=7Dfo5N
fofofDoffffEfDofDofEfDoffEfAofDfoffffAfAfrffDfofArfDfAafAifDofafDifAofffAafDofEffAfEofAfDfDofDfEfrff
EfEfDofArfDfAafEifDofAafEifAaffgofff)HA9D4$D9tEL$$DD$8HcfDDL5)11 T71!D1!D1D5HA9Ht$(HBYH
BAqvDt$$DD!HX[]A\A]A^A_fDALD$0H@H1D!1AI9u9t$DnfD
^fDfD>fD.fD
DL8D$8L$$1D@IDL5)11 T71!D1!D1D5HL9u{zp$DL$8/1N$DL$8
3DL8DL8DL8DL8ADL8 DL8
DL$8s$DL$8bH
K@Aq$DL$8&DL8$
DL$8H
?AAq<SH_(HtNH{H{8H5?v8UH{@H5?w#UHH5?x[UfD[fDATUSHHHH=?IIH=8HmH=s?HoH=3:HAH=>?HH
=%?HuH=?H/:pRH
>AfvH=>Lu~H=95Ht6A8mAxaAxxAxfDE1HH[]A\fDH=9>L:H=+>LH=>LFH=>LH8IH=2>LH=
 >L@@@"Ht$L HIDD$I
H&H5<L(RHE1vH[]A\fL
1aE1H:jfH=<L
1LH
;AQ1}H[]A\ffDfDHH@H|HHDJLD$1H7dH|$UfDL
1E1
H"H=;LH=;LH=;L]L
1E1AHfDL
HczszszyHHHHcfSH597HPPH1HtCHB8HB0DBHS(HHS@CH[AUATUSH(H8t1H([]A\A]@HGHh(LE`MtHL$H
THtLo(LGrtHH|$A>DHA)cA)D$D9#HT$AE4AE0IU HT$IU(c@H
8A577fSCut@t~h_tru#fD[=9=}=tH
48A1[fD-Hw@wfDH
7Aho1[=^H
7An01[fff.AUATIUSHHo(~Ma?
cBULf.2HHHLHLH+H}ZHL$HMR
B
H} HtI$8uAD$ H} !])}HE HH[]A\A]H
5AD@ t
}H}@H535 HLJHLH~HcHM@HEH;f$EDfDUHtuHHL$HL$+}4H} HL$v?HL$Hg?9|H
84A1Y GI$84ff}HE@HEHHM f}>Dm4A'u
A9H
]3A1~@Eta}4H}(HL$)>HL$H>9/H
2Aq1f.HE(HfDE0fHE@HEHH} =A9@]0HM(fAD$ 8H
-2AKA|$ uH
1AfQHE H
1AeAAH
1H
e1AAA,H
*1AHH

0AH
0AxZAVAUIATUHSH_(H{tHItbH}8HItBHHHKSM3LLULm[]A\A]A^fLX1[]A\A]A^#HHCtH]^HE0t"LL7s[]A\A]A^@E1YHE(Hx
HH(P0Ht,DHdHID$`[HE0Huu@ATIUH5c/SH7P FH@HHE8HC0DCHCH](EHHE@Il$(H}EHtHHCtdEH}@CoEC
t?H5.]H{@)DHuHH}@H.^`HHC@tHEHHCH[]A\D[1]A\fAWAVIAUATMUSIIHH_(HGDCHH(At0HDLxHI$H[]A\A]A^A_@HHH{8AHtYDKHLC@Ds(s LDDT$ZYHEDT$AHs8LHH(DLuH}D$iH5-HcjCHHHC8DT$qHc-
AkAfffff.AWAVIAUATMUSIIHHH_(HDCAtQHO(HDLHUHcHH?H1H!H1!HUH[]A\A]A^A_HS8HtOHO(ALDB~HKHHHS8LK@s(As LQHH pChH5<,jHcAHHHC8tI|$@H
,AkA6ffff.AWAVIAUATIUSILH8Lw(HGHT$I~ Hh(H6D$HH9HD$I~ 6_AFGIv8HaIN EN0LMF(HI^8H~AHLH~xHL$HHH8[]A\A]A^A_fDA~uT$LD$,1ILLS~D$,fEFHHLL~f.IfHT$HHH9I~8HHLqI~
r5/IV8{AHIv8L}I~ 75TLD,ILL7IeH5)Hcjs?HHIF8rH
)AkABH
)AhDIWeH5P)Hcj>HHIF8H
,)AkAH
)AAH
(Axffff.AWAVMAUATIUSIIIH(Ho(H}
DEHtrAAHL$uDID$HX(z31L1SAWLL$1LD$(ZY~\$xLcM&H([]A\A]A^A_ID$HDLHH({DHU8I|$HtjHO(ALD1{~XHE8H} LcF< 2,A9tkH
'Ad1 WHL$ncH5g'jHc<HHHE8tnI|$LL$]H} o29u#MHu8LLSnfDH
'A1H
&AkAZDAWAVIAUATIUSIILH(H_(HOH{ La(H{LL$1HLL$H9SuHHS8HALLDy~fHK(HS
LDK0LC8LH([]A\A]A^A_fHS8HDCLLDyHHHD$ucH(1[]A\A]A^A_@0MELLH([]A\A]A^A_HT$1MLL~HD$
H9uHs8HLa9Iy'aH5
%jHc:HHHC8H
$AkAH`H5$jHcT:HHHC8fH
$A}AUATAUSIHHaHtHHHhuH1[]A\A]@DHL1rHDkDH[]A\A]DAUATIUSHAHHH
"Ht;HL1jH2DHHHHN#H[]A\A]H
$At1H[]A\A]AWAVMAUATIUSHHEHxHt$IHIHLIDn.AAYAH{DD$}HkvADD$!$uIAP9AE)AARD9HA|H
#AX~E1/fH
#A?~~E11H5k#L7L>Hx[]A\A]A^A_DANH
3#m~~E1fAFH
#{fAEr
ABH5"]DD$ DTLcDLL\$7HIL\$DTDD gIcKLIHLLLDTHT$(HD$
[LLLDT$IGI9IAI9LAJHP9AA0AWA0QAWA0QAWA0QAWA0QAWA0Q~AWA0QAWA0QxAWA0Q qAWA0Q
jAW
A0Q
cAWA0Q\AWA0Q
`AW
A0Q
CAWAA0QDD$1I1LA)1DDof)H9wDAA9t#T$Mcf.CC0ID9$At)!AAnAJHHH9KAt4AtD$)D9M1LLLLvH5
LLVHT HtLL89l$t'T$HcLLL$)HcsL$Hl$01LL$HqLHT Ht$(HL$ZL$fH
!A_A~HkzLfATDH
Aj~L$+zL$HH
An~LyLAJ1Hf.AA0HH9uAfA[E1A>A3A(AE1A
AA A

AAAA
H
A|h~xL$ff.EI1AWAVAUATMUSIHHDHHMLDHtHT='AawI|$]vLAD$,8oEAuHD$AHHD$AFD9.DD)D$
HcHDD
9|H|$H5D\$00HID\$0xHD\$0QD\$0D\$0E1HI1HHHD$8)ALT$8D\$0H55LD\$8LT$0ALT$0D\$8sHt$IcLHLT$D
\$0ALT$FD\$0t/HT$LLD\$0LT$qALT$D\$0D$ 1LD\$0LT$LcHD$LL$ LHHD$8IALT$LL$
D\$0HHlHT8MLLT$D\$ E1HLT$Lc\$
D)D)HcHT52H~Ht5HBI9LD=It$AI9@A5,LDKHDFE9EA$HB0JAAL$HB0J!AL$HB0JAL$HB0JAL$HB0JAL$
HB0JAL$HB0JAL$HB 0JAL$HB
0J AL$ HB0J

AL$
HB0JAL$HB
0JcAL$HB0J

AL$
HB0J_AL$HB0JA1A)H4/Ht$EL1AoDf)HA9wDHA9tHcH)A0H9D$,t)HL$
 HD$ABD:H
AnsHcE1E1HD$E1LFHt$HRL
.HHD[]A\A]A^A_fDH
AnE1dsE1E1@H
AAE14sE1^@XHcHD$E1QDAH
fE1E1KHAt@04HH9uy

DEE1EAWAVMAUATIUSLHHLd$ Ht$(1T$
D$$LfHhP9H5%HHD$*HIHt$LHD$eAHLL1h~AHt$H*2L+HH[]A\A]A^A_@H
A"pv1qH
A'Av1pff.AWAVLAUATIUSDAIMH(g9t7H
ABwx1pH([]A\A]A^A_H5GFHHD$c)HHALHLqg-E11LdHt$H]Hw*DHt$1HcHl$,dHItD9uHpLOtH
AWhx1oxH
yAHAxE1o1MAVAUIATUSLHIAH@XHtH[]A\A]A^fr$A$1ALHtLL$e
LLHtD9PH
Adpun1HpLHD$*)D$bHD$@LL$THtHD$(HD$0j
HD$@HD$0HtTLL$H8HLL$THtHHtTLL$thHD$0HLPHDXH|$0LL$DPT`HHHD$`HthHt(HD$8y
Ax<Ht$(LcLL$HfDH
A1tmE111LALDd1@H
AXugm1A,H
SusfAWAVAAUATAUSIMHH$H4$LD$cHcH;$t@H
AwE1lHD[]A\A]A^A_H5H\$%HHDLHLAHDcLcE_ArA_uAu
}/Mt?DHZ<HHIcHIH)HH9HKHD@DHD$(HD$0HD$@HD$0H8H%HdHD$0HT$PHDXHt(H|$0D$PD|$`H
PHD$`HD$8HHDhwAxoA9LL$(LLHLL$nKLL$MAt?H4$DLHLLHLUHDHLLL$HfDE1E1E1HLLP%H
HH9%@H
AAE1jE1E1@A$uJMaoEE1E1AAoEAFE
 AF HDHSf.H
IAhE1E1)jE1}MFHD$E1E1oEAAHH
A,uAH
k@H

AhL$McE1uiL$e@A1H
[t@AH
Cu@A$tAH
UH$HEHUH3H3QH uHEHUH3AH3QH uA 9E t4AH

h At(AH

E1E1AH$HHQH3EH3U
H tAfIAH@`HtHLEPAPIE11HAUFATUSH9nH_fIA)H~lEHl;tFHH9uHH} EHEDLgRH[]A\A];uH.H1[]A\A]DH
AnnggH1[]A\A]Hjf
AWAVAUATUSHh)
D9E]
A
S
IcAH5=HIHNHD$8H
HD$8HcLI@IKIx!H))@"2)A9ApG@LD$@A11E1ADPD!AAD!!AAEAAkB4!D1A IA!A!D1EAD!D !E9Cr
AE
A D E11A)E)EE1E1D!E E1D!AqA!D!E!A!DA!D!DL$0!mt$PAwt$D1D)D1 1!D1D$4HD$@D)Hl$XtDtTHH
HHD$HGIHIHD$HAAED$ D)D$$DHLHD$(fD$EA)!!AHcAHDH;D$HDH9A@A@9D$ E
FOHD4A1D!1AGFOHD4A1D!1AGF
O
HD4A1D!1AG
{FOHD4A1D!1AGfFOHD4A1D!1AGQFOHD4A1D!1AG6FOHDA1D!1AGAFOHD4A1D!1AGrFOHD4A1D!1A
GWFOHDA1D!1A
G<FOHDA1D!1AG!FOHD4A1D!1AG~FOHD4A1D!1A
GFOHDA1D!1AGFOHD4A1D!1G@T$L$$1fnT$f`F4HL$(EfaAL1fpIffAoAofffA)HA9wDD9t&LH@A1D!1HA9
9t$\$THlXt46HL$@HEHQ
H9HAH9JAHVHH9uODt$0 D!1!1UM)1 wD!1!1U;M)1 w
D!1!1U.M)1 wD!1!1UM)1 wD!1!1UM)1 wD!1!1UM)1 wD!1!1UM)1 wD!1!1 U M) 1 wD!1!1
U
M
)
1 wD!1!1U
bM)1 wD!1!1UoM)1 wD!1!1
Uc
M
)
1 wD!1!1U
!M)DL$41D$ wD!1!1Ufn|$\$A)E1fpfn|$fDox@HLfpHtfn|$0A1fDo
f%fpfDofo=fo5
fDfofofDoffffEfDofDofEfDoffEfAofDfoffffAfAfrffDfofArfDfAafAifDofafDifAofffAafDofEffAfEofAfDfDofDfEf
rffEfEfDofArfDfAafEifDofAafEifAaffgofff)HA9Dt$D9tDL$0DD$4HcDDL5)11 T71!D1!D1D5HA9Ht$8HT$PH
lAr'\D|$0DG}D!Hh[]A\A]A^A_ALD$HH@H1D!1AI9u9t$DffD
VfDfD6fD&fDDDL4D$4L$01D@IfDL5)11
T71!D1!D1D5HL9u{|rhDDL4.1ED$DL$4)DDL4DDL4DDL4DDL4DADDL$4D$ DL$4{D$
DL$4iD$DL$4WH
AJorYDDL4DDL4D$
DL$4H

APArEY-AU)ATUSAHAxhEHIHOtRAktHHc9IcHHLHHcqCH[]A\A]DjH
AnXff.A9SH<kt#HrAXHc<B[AXBHr<<u0AH1HDHVt
uH9u)fAHH
CW[fDH
A=WNDH
AYjWDAPkDt8~&6t
5uf.@3t4AWAVAUATUSH8HH$5IHIMMHHH=HHHD$HHDHHDHI
M^
MEH|$xiI~0H$I~8tL$MHIFIV8Iv0HH1yAeLIv0H|$HADhLIv8H|$HA#HT$Ht$HH|$ALHTHt$LH
AL$H|$1ILHAmE1HHIv
HT$1H{HIF(LHIF@twIV(HL$1IHzAtZnLE1HIFHtIIV(HL$1IHLAt,IV0Iv81HE1HIFPA
E111HQHYHQH8D[]A\A]A^A_E11LT$(L\$ KHIF0tHLM$SHL\$8HASLHL\$@_H AtL\$
LT$(f.H$I~8tI~0f.LT$(L\$ 1KHIF8<HLH$SL\$8ASLLHHt H ALT$(I~0tI~8HAHH$HD$ ~XHIF LLT
ffffff.AWAVAAUATIUSHIHHHH=HHHD$HIt`H|$HDHu)HD$-
H5D$H[]A\A]A^A_fIHE0IH}0HE8HtHuPHH1H[]A\A]A^A_11H1[]A\A]A^A_fHE11AUS1ATLL$(1H
?HH}8E1AUS1AT11MH
HE1E1AUAT1jj1jj1jHxH@HH$AWAVAUATUSDODGDWAAAy7ABGaEAD)AED$D1AA1|$D)C"ADsn<DAE
1AA1xG"AL$DAD)Dt$|$DA11EC+42DAD)T$ADDAwA1DED1AG%gd)DLTDAADD$A1ADEG91AADA)A
37A1DTlDG+!r1gnDd$AADAAA)A1DAEEC%1#CA1DL$ED$)DA1A1y7GbFL$ADAE)DDD$E1A1DDT$DE
+D)<snAD$DD1AxD1D"AAA)ADT$AE1A1Dd$DA)AA11DDF32DAwA1DAAAD1))l$C#fdD37DE:A1DAF*s!
Dt$A1Agn3D$D1))DDAE0#CHqDt$LcDAB33EB3AADt$T$@B3@3D3HcDT$AA33EDB3fnt$HcDT$A33fnD$3
T$@3fnl$3@3fbfnlfbT33Dfnt$3\$flT$A3DA3EDB3T$A3DAfnD$3EDB3T$A3DAfn|$3EB3fbfn|$fbT$33fl3DT
$A3D3A\$EfnL$B3T$33\$fnD$3T$33\$fn|$3fbfn|$fbT$33\$fl3T$33\$3T$33\$fnD$fn\$3AAfnLfbT33A\$DfnT$
fbA1Dd$AA33A\$DflA1Dd$AA33\$ADA133Dd$DA1Dl$\$fndfnLfn\$fnT$33\$fbfbDflA1DD$33\$3L$33\$fnd
$3L$33fn\$3LfnTfbfnT$\$fb33\$fl3L$33\$3L$33\$fDnL$3L$33\$fnd$3L$33fn\$fbfn\$\$fAb1|$33\$fl^1V
3N03DF@~Pv`np3D|$fDnT$L$A33DfDnD$3LfndfDbfnd$[fAbfAl&]A\A]A^A_fff.AWAVHuAUATUSOD_oA
AZ
AEA1D11ADFAD3ED3BD1DAFAD3ED3F3DA<A3E3B3DBAA1DDRE1D1EA1E1EADA<EB3AEAD3BD1AA
<:AADAAFF3D3EF3C<ADAAB,B3A3EBDB1D1AzE1E1E1D1AADAFF3AD3EBD1AA<8AADAFF3AD3EF3C
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B3Z$A1E11E1D1ADAFF3@D3D1AAADAFF3@D3D3CADAFF3@D3Z,D3D1EDZ(E11E1D1ADAFF3@D3D1
AAADAFF3@D3D3CADAFF3@D3Z4D3EE1D1DR01E1D1ADAFF3@D3D1AAADAFF3@D3D1AAADAFF3
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AD1DB\A1A1E1EDEADFF3D3@D3GEDEADFF3D3@D3EEDEADFF3D3@D3ED1DBdE1DJ`E1A1E1EEAAD
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E11D1A3A3EDFB3nNAADFD3AD3EBD1ADFD3AD3EF3[]A\BD1A]D1@~fFFVFfDFDF Df
FA^F
A_fAWAVHAUATUSOD_oAAZ|JxAEA1D11ADFAD3ED3BD1DAFAD3ED3F3DA<A3E3B3DBtAA1DDRpE1
D1EA1E1EADA<EB3AEAD3BD1AA<:AADAAFF3D3EF3C<ADAAB,B3A3EBDBh1D1AzlE1E1E1D1AADAF
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3CADAFF3@D3D3ED1DZ
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D1A3A3EDFB3nNAADFD3AD3EBD1ADFD3AD3EF3[]A\BD1A]D1@~fFFVFfDFDF Df
FA^F
A_EuL
4I9L
9F9lH5F9D$P!HuH5E9HHG<H_DHOLHWTHo\
f.LGLOLWL_,H3OH3WL1H3_H3OH3GIH3oL1H3GH3WL1H3oH3O$H3GH3WH3_H3oIHH1L1HH1H3_HH1
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I1II1I$I1I8MM IIM1LVMM M1Lf$M!M1LnM
M1LN4M!M1LF,H3WH3oH>H3ODH7H3GHH3_HH'H)IH!HH1HW\IH!L1HG<I I1LoTH!L1HOLL
H1H_DHLIQM@SUATAUAVAWHdHHWHWHWHWHW$HW<L=,Ht$dHWHWHWHWHW$HW<HHA_A^A
]A\][@ffffff.SUATAUAVAWHdHIHt$dHWHWHWHWHW$HW<L=HNtH9r[HLGIMII3M@HI@HuLNdHVl*L
NdHVlHNtffff.ffffff.HHWHWHWHWHW$HW<HA_A^A]A\][ffffff.ATAUAVHIIIIIr)IM@IMdItHuYILLLLA
^A]A\

Keccak-1600
absorb and squeeze for x86_64, CRYPTOGAMS by <appro@openssl.org>H
99H=*0HSUH HH$H-RH$$1LN9OLNLNN9OKLNLV N(9OKLNL^0N89OKLN)DoH$Do_
Dog@Doo`Dofom`fDo}fAnM@@fAnMI@fAnMR@fAn#M[@fbfAnHfbfEnIfbfEnBf8fAn{fAbfEofEfDbfAofAof
ArfAfAfAbfEof@fDfAnPfArffAofEfEnIfrfDfArfEf8fEnBfDfAn{fAbfEofEfDbfAofAofArfAfAfAbfEofHfDfAnXf
ArffAofEfEnIfrfDfArfEf8fEnBfDfAn{fAbfEofEfDbfAofAofArfAfAfAbfEofPfDfAn`fArffAofEfEnIfrfDfArfEf8fE
nBfDfAn{fAbfEofEfDbfAofAofArfAfAfAbfEofXfDfAn@fArffAofEfEnIfrfDfArfEf8fEnBfDfAn{fAbfEofEfDbfA
ofAofArfAfAfAbfEof`fDfAnHfArffAofEfEnIfrfDfArfEf8fEnBfDfAn{fAbfEofEfDbfAofAofArfAfAfAbfEof@fDf
AnPfArffAofEfEnIfrfDfArfEf8fEnBfDfAn{fAbfEofEfDbfAofAofArfAfAfAbfEofHfDfAnXfArffAofEfEnIfrfDfArf
Ef8fEnBfDfAn{fAbfEofEfDbfAofAofArfAfAfAbfEofPfDfAn`fArffAofEfEnIfrfDfArfEf8fEnBfDfAn{fAbfEofEfD
bfAofAofArfAfAfAbfEoffDfAn@fArffAofEfEnIfrfDfArfEf8fEnBfDfAn{fAbfEofEfDbfAofAofArfAfAfAbfEof`f
DfAnHfArffAofEfEnIfrfDfArfEf8fEnBfDfAn{fAbfEofEfDbfAofAofArfAfAfAbfEof@
fDfAnPfArffAofEfEnIfrfDfArfEf8fEnBfDfAn{fAbfEofEfDbfAofAofArfAfAfAbfEofH0fDfAnXfArffAofEfEnIfrf
DfArfEf8fEnBfDfAn{fAbfEofEfDbfAofAofArfAfAfAbfEofP@fDfAn`fArffAofEfEnIfrfDfArfEf8fEnBfDfAn{fAb
fEofEfDbfAofAofArfAfAfAbfEofXPfDfAn@fArffAofEfEnIfrfDfArfEf8fEnBfDfoHfAn{fAbfEofEfDbfAofAofAr
AH?fAfAfAbfEof``fDfArffAoAI?fEfrfDAJ?fArfEf8AK?fDfoPffoXfEoffEfAofArffAofAfofAfEofrff@pfDfArffAof
EfrfDfArfEffDffo`fEofPfEfAofArffAofAfofAfEofrffHfDfArffAofEfrfDfArfEffDffo@fEofX
fEfAofArffAofAfofAfEofrffPfDfArffAofEfrfDfArfEffDffoHfEof`0fEfAofArffAofAfofAfEofrffXfDfArffAofEfrfD
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DffArfAfAofrfofEfrfDffArfEffDffo
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ArfEffDffoH fEofAof`fEfArfAfEofXfDffArfAfAofrfofEfrfDffArfEffDffoP0fEofAof@fEfArfAfEof
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EfArfAfEofH
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XfEofAofH@fEfArfAfEof@fDffArfAfAofrfofEfrfDffArfEffDffo`fEofAofPPfEfArfAfEofHfDffArfAfAofrfofEfrfD
ffArfEffDffofEofAofX`fEfArfAfEofPfDffArfAfAofrfofEfrfDffArfEffDffoHfEofAof`pfEfArfAfEofXfDffArfAfAof
rfofEfrfDffArfEffDffoP
fEofAof@fEfArfAfEof`fDffArfAfAofrfofEfrfDffArfEffDfDo}
ffoX0fEofAofHffEfArfEofAfAofofArfDfAffDfEfrfAfAofrffDfArfEffDffo`@fEofAofPffEfArfEofAfAofofArfDfAf
HfDfEfrfAfAofrffDfArfEffDffo@PfEofAofXffEfArfEofAfAofofArfDfAfP
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AfAofofArfDfAfPfDfEfrfAfAofrffDfArfEffDffofEofAof``ffEfArfEofAfAofofArfDfAfXfDfEfrfAfAofrffDfArfEff
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8fEE8fofEo:8E:E88E8f8fEE8fofEo:8E:E88E8f8fEE8fofEo:8E:E88E8f8fEE8fofEo:8E:E88E8f8fEE8fofEo:8E:E88
E8ffEf;LMfofEo:8E:E88E8;KLM~3fofEo:8E:E8fDpfDpUfofDffDffofEo:8E:D8fffAfAfEfEffD$@fL$PfDD$`fDL$
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!rA q!i"RC1"KA9r))Hib1rynXArA9AynI)rAi)a"ZC1"KA9r Pab1ryn`ArA9AynI rAa
Y"bC1"KA!9rX!Yb1ryn@ArA9AynI!rA!Yy"BC1"KA)9r`)yb1rynHArA9AynI)rA)yq"JC1"KA 9r!!@
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Y"bC1"KA!9r!Yb1ryn@ArA9AynI!rA!Yy"BC1"KA)9r`)yb1rynHArA9AynI)rA)yq"JC1"KA 9r!!@

qb1rynPArA9AynI !rA q!i"RC1"KA9r))H0ib1rynXArA9AynI)rAi)a"ZC1"KA9r P@ab1ryn`ArA9AynI rAa
Y"bC1"KA!9rXP!Yb1ryn@ArA9AynI!rA!YoHy"BC1"KA)AH?9r``)yb1rAI?ArA9AJ?)rA)AK?yoPoXA 9r!!@p
1rArA9 r!rA !o`A9r))HP1rArA9r)rA)o@A9r PX 1rArA9r rA
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H1rIArA9 r!rA !o`P9rAH
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H1rIArA9 r!rA !o`9rAHp1rIArA9r)rA)o@9rA!PX1rIArA9r rA oH9rA!)X!` 1rIArA9!rrA!oP9rA)
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oH9rA!)X!`p1rIArA9!rrA!oP 9rA) `)@1rIArA9)rrA)yo} oX0A 9rH 1r A9rIAr !rA
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oA!9r)``!1r)X!A9rIAr!rA!oPA)9r @p)1r `)A9rIAr)rA)oX A 9rH 1r@ A9rIAr !rA
!o`0A9rP1rA9rIAr)rA)o@@A9r!X1r!PA9rIAr rA oHPA!9r)`!1r)X !A9rIAr!rA!oP`A)9r @)1r
`0)A9rIAr)rA)yo}@oXp9rA @@ H1rIArA9 r!rA !o`9rAHPP1rIArA9r)rA)o@9rA!P`X1rIArA9r rA oH9rA!)Xp!
1rIArA9!rrA!oP9rA) `)@1rIArA9)rrA)oX9rA @ H 1rIArA9 r!rA !o`9rAHP01rIArA9r)rA)o@9rA!PX@1rIArA9r rA
oH9rA!)X!`P1rIArA9!rrA!o9rA) `)@`1rIArA9)rrA)oX9rA @ Hp1rIArA9 r!rA !o`
 9rAHP1rIArA9r)rA)o@09rA!X1rIArA9r rA oH@9rA!)!`1rIArA9!rrA!oPP9rA) )@1rIArA9)rrA)oX`9rA H1rIArA9
r!rA !o`p9rAP1rIArA9r)rA)o@9rA!X1rIArA9r rA oH9rA!)!`1rIArA9!rrA!9rA)
1r)IArA9)rA);LM;KLM;KLM;KLMo3A9oAf)!)!_ g@ o` zz_ zg@zo`z3om`$HHv@H$wHhHXH
yZyZyZyZyZyZyZyZnnnnnnnnbbbbbbbb

SHA1 multi-block transform for x86_64, CRYPTOGAMS by <appro@openssl.org>D
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f.AAiD$D1!F*yZAD1AEqDl$DA1!F%yZAD1AAQDt$D1D!GyZA1AAAiT$DD1D!:yZ1AEqDl$AD1D!5yZD1A
AQDDt$D1!G.yZAD1AAiDT$D1!F"yZAD1AEq l$DA1D!FyZA1AAAQ$Dt$
DD1D!A>yZ1AAi(DT$$D1D!2yZD1AEq,Dl$(AD1!F-
yZAD1AAQ0DDt$,D1!G&yZAD1AAi4T$0D1D!FyZA1AAEq8l$4DAD1D!=yZ1AAQ<DDt$8D1D!A6yZD1A3,$
DT$<3l$D13l$
!F*yZD1AAD3t$D,$DD3t$1D3t$$!F%yZD1AAA3TDtD3T$13T$(D!GyZA1AA3lTD3l$D13l$,D!:yZA1D3t
DlD3t$D1D3t$0D!5yZAD1A3TDt3T$D13T$4G.nD1AA3lTD3l$
D13l$8F"n1AAD3t$Dl$DD3t$$1D3t$<Fn1AAAA3T$ DDt$D3T$(13$A>nD1A3l$$DT$
3l$,D13l$2nD1AD3t$(l$$D3t$0D1D3t$F-
nD1AAA3T$,Dt$(D3T$4D13T$G&n1AA3l$0DT$,D3l$813l$Fn1AAAD3t$4Dl$0DD3t$<1D3t$=nD1AA3T$8DD
t43D13T$A6nD1A3l$<T$83l$D13l$F*nD1AAD34$l$<DD3t$D1D3t$
F%n1AAA3T$DD4$D3T$13T$$Gn1AAA3lDTD3l$13l$(:nD1AD3tDlD3t$D1D3t$,5nD1AA3TDt3T$D13
T$0G.nD1AA3l$T$D3l$D13l$4F"n1AAD3t$Dl$DD3t$ 1D3t$8Fn1AAAA3T$DDt$D3T$$13T$<A>nD1A3l$
DT$3l$(D13,$2nD1AD3t$$Dl$ DD3t$,D!D3t$F-
D1AA!AA3T$(DDt$$D3T$0!D3T$G&1A!AA3l$,T$(3l$4!D3l$F1AD!AAAD3t$0l$,D3t$8D!DD3t$=D1AD!A3T
$4DDt$0D3T$<D!3T$A6D1D!A3l$8DT$4D3,$D!3l$F*D1A!AAD3t$<Dl$8DD3t$!DD3t$F%1AA!AA3Dt<3T
$!D3T$
G1AD!AAA3l$$3l$D!D3l$$:D1D!AD3tDlDD3t$D!D3t$(5D1AD!A3TDDtD3T$D!3T$,G.D1A!AA3lDTD
3l$!D3l$0F"1A!AAD3tlD3t$!DD3t$4F1AAD!AAA3TDt3T$

D!D3T$8A>D1D!A3l$DT$D3l$$D!3l$<2D1D!AD3t$ Dl$DD3t$(D!D34$F-D1AA!AA3T$$DDt$
D3T$,!D3T$G&1A!AA3l$(T$$3l$0!D3l$F1AD!AAAD3t$,l$(D3t$4D!DD3t$=D1AD!A3T$0DDt$,D3T$8D!3T$
A6D1D!A3l$4T$03l$<D13l$F*bD1AAD3t$8l$4DD34$D1D3t$F%b1AAA3T$<DDt$8D3T$13T$Gb1AAA3,$DT
$<D3l$13l$
:bD1AD3t$D,$D3t$D1D3t$$5bD1AA3TDt3T$D13T$(G.bD1AA3lTD3l$D13l$,F"b1AAD3tDlDD3t$1D3t
$0Fb1AAAA3T$DDt$D3T$13T$4A>bD1A3l$DT$3l$
D13l$82bD1AD3t$l$D3t$$D1D3t$<F-bD1AAA3T$
Dt$D3T$(D13$G&b1AA3l$$DD3l$,13l$Fb1AAAD3t$(DDD3t$01D3t$=bD1AA3T$,D3T$4D13T$A6bD1A3l$03
l$8D13l$F*bD1AAD3t$4DD3t$<D1D3t$F%b1AAA3T$8DD3$13T$Gb1AAA3l$<DD3l$13l$:bD1ADD15bD1AA
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1fDL$
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1fDlf1fEofDfAl$$1fDo1fDLT(fr1fAr1fAL$,fDp11f\$01fDlf1fEofDfAD$41fDo1fDT$
l$8fr1fAr1fAT$<fDp11f$1fDlf1fEofDfA\$1fDo1fDD$0D$fr1fAr1fAl$fDp11fT$1fDlf1fEofDfAL$1fDo1fD$\$fr1f
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1fD1fAl$4!1fDo1fDD$
1fr1fArT$8!1fA1fDp11L$<!1111f$!1fDl1ffEo1fD1fAD$!1fDo1fDL$01fr1fArl$!1fA1fDp11T$!1111fL$!1fDl1ffE
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L$8fr1fAr1fA\$<11$1fD1fDT$0l$11T$11L$11M9fAov@fEoNAoAoIAoQ
AoY0f8I@\$1f81fAD$1f$1fAl$11T$11L$ 1f81fA\$$1fL$1fAD$(11l$,11T$01f81fAL$41fT$
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ML5
AAXAHAPAh1!yov@Ayo^zozoIzoQ zoY0yI@qiayqi$$lt
f.1q,$!1s!191T$Y1yL$0!r11sL$11rY!1)rY1\$Y1!11iD$!1s!191l$Q1y$!r11sT$11rQ!1)rQ1L$Q1Ayo^!11a\$
!1s!191D$$I1yL$!r11sl$(11rI!1)rI1T$,I1!11YL$0!1s!191\$4A1yL$
!r11sD$811rA!1)rA1l$<A1!1cA1$1!!y11ryL$0L$1r!11\$y1!1D$11cyl$11!qT$1ry$1rL$11q\$11cqD$
11!Ayoil$$1ryL$1rT$(11iL$,11ci\$011!aD$41ryL$
1rl$811aT$<11ca$11!Y\$1ryL$01rD$11Yl$11cYT$11!QL$1ry$1r\$11QD$111cQl$
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cqT$!11!i11L$$ryL$!1r111\$(!i1111D$,!111cil$011!aT$41ryL$
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SHA1 block transform for x86_64, CRYPTOGAMS by
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[]A\A]A^A@I)II$LHKD,JD/HGHH)H)LHHrH1H4H4HH9rL)LHMRfHHC\HCAFAF
AF0tLHHHIH)HAfAu2MyA$AhCD,fBD/WA$CD,BD/;fDATULfSF\HHDHH8I8H)H12tCLHcVCWSTCSUcZC[
SXSYC\L@5HHHUMHHHEMCHHHUMHHHEMCHHHUMHHHE
M CHHHUMHHHEM
CHHHUMHHHEM[]A\HqHHDHH)19H<rD@H)t1HH9rLHL8EfDP1fT?f.HGHGXHHfo?
H)H`1HBH
9L9H='0HSUH
HH$H-@RH$H$1LN9OLNLNN9OKLNLV N(9OKLNL^0N89OKLN'DoGH$DoODoWDo_Do'Doo
Dow@Do`o5Y
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fAfr
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fAfr
fffr fffr ffEofrffDfDffDfDfopfh0fofofrfofrfo@frffrfoffrffr
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multi-block transform for x86_64, CRYPTOGAMS by <appro@openssl.org>L8EESE[A A@AE
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AE1E1DdDd8EEAAEE1A A1Dd$8A1E!AAA1AE1EADeA1A1AD!AE1EDHmD,$|$4EADAE1AAD1A
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XL~LvLnLfHnH^H&/BD7q/BD7q[V9Y?^[V9Y?^[1$}U[1$}Ut]rtt]rtiGiGo,-tJ\vo,-
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SHA256 block transform for x86_64, CRYPTOGAMS by <appro@openssl.org>fff.ffffff.H
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EAfsEAfA A1A1AE1fsA!A1DD$,fDA1AfpD1Efou@AA!fsE1EE1fADEfAEft$ AfoEAfoA
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E1E1EA1E!E1D$<E1E1DEA!A1DA1EADEAH|$@DHv@_OWDGDODWD_H;t$P_OWDGDODWD_Ht$XwL~
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H)Hl1HBlfo
BfHG HGdHH(fo
H)Hl1HBl fo
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AjfAH
]
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ADg5E1LD$@HL$1ILLHL$`HT$XILLT$tH4$H|$XKH$HD$8T$tH|$`HHD$@$H|$ H5@\
6`HIAHE1E1t$0HL$xHHTHt0
AXZEHD$1HL$0A0HH;D$ uHt$(HHD$
tHT$8H4$H
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Ag5E1I<AH
g[
DAH
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-[
Ag5HTHt0HL
WHT$8Ht$@H2
=Ht$1H
&~DHDP)HHHH(HTpHt.!tTHL!u)AH
EZ
Dg5E1HtxHxHL$HAHAfDAWAVIAUATIUSHHHT$xLDLLHD$IHMIHu
MLtHlLdLQE1E1H$E111E1HD$H|$1LT$E1HLT$H5,Y
L[H5Y
L[H<$H5Y
[HLvHL&HD[]A\A]A^A_H|$E1LHLLZPLHD$0HHD$ kHcL[LPH|$ HD$H|$HHt$xH1HHA&H
X
dtH@9(tEH
W
A+hf5E1E1E1H$1E1ufHSH@HJHD$@HL$8D$(HIHLLHD$PHHD$X8HcD$(H5\W
BHHD$`J[HD$HHD$ H59W
CHHHDh[H5W
IHcDHHD$p[LT$HHH$MMHH|$LT$HHHLT$HHKHMH|HLTHLT$Ht2LLT$HH|$1IMHHLT$HH
^V
LT$AVf5E1LT$fH
)V
A>f5E1E1E1H$1H
U
AGAf5LT$E11LT$gA5H
U
ALT$AMH
U
A:HLXHTPMH|HLTHDl$0H|$PLLTDLTx+HD$ H|$XDLT$0LHHDLT0yLT$A^H
U
DHE1E1AVHL$xLHt$pLLT$@ZYLT$0t1HL$8Ht$A2H9D$(uLT$(HILT$(tgLHLT$(LT$(tHT$
 LLLT$(LT$(u`H
NT
Apf5LTLTH
T
AgAf5LTLTHT$`Ht$L3LT$(tHT$ Ht$LLT$(fH4$1LLT$LT$FHT$pHt$@H<$xLT$uHD$HL$`AH4H
`S
Auff5LT$H05Ht

HH=V6H=U6HATUSHH_(X~6
tRH[]A\
t7uHKH[]A\HCHH[]A\HHH;MH+HsHSHH[]A\fHL$HcH5YS
HTHIHL$HHH-H{H5"S
HTLcHkC H[]A\HCHH[]A\H;HthH{H5R
SHCH
R
Alm51gH
iR
Amm517H
9R
AAm51USHHo(Ht=HH}H}H5Q
3SH5Q
4HRHC(H[]ffff.SHIHLH H@(HOH@Hy(Ht:HtH HI[HfHLHH [@HTLLHt$H<$HTLLHt$H<$SHIHLH
H@(HOH@Hy(Ht:HtH HI[HRfHLHH
[@HTLLHt$H<$XHTLLHt$H<$HHOILHLA(LBfAVAUIATUSHPHGH_(HLp(}IHHBGAC
txExCHKHSH\$MHH
tIcHLHP[]A\A]A^fH
O
Afr5/HP1[]A\A]A^H
O
Apr5DDHP[]A\A]A^f.USHH=$IHH=
LH= HAAEEt$H=;HAE1HH[]DHHu!H;uH=;tfE1AH
N
Aln5DDH[]fAVAUIATUISHMH HGHX(HxHc1~6MtzH9UD$r8HL$ILDL
~
D$HEH []A\A]A^@H
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Ajkp5D$H []A\A]A^fDHUH []A\A]A^f.SH5xM
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3hMH51L
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MHFH=H]HHI
HHDHHHHD$(sHHHD$(HLLE11ILLL~H$1ILLbH$Ht$ILHCHuH|$LH'H|$L[UHt$
H|$HH|$HHHLLd$(Ht$ ILHLtvLLLPtdH|$ILLHtJ
HI,HT$HHHL1H8L[]A\A]A^A_H
I
Aj5HE1H|$AH
I

Dj5DAH
kI
Aj51HD$f.AAH
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ffff.AWAVIAUATIUSH8HT$HHHD$ IHD$(HHHIHHHHHD$HHDHT(Ht$ LH|$ H~H|$(HdHt$
LOHt$(L:HT$(Ht$ IH|$LxAAOH|$ALLDHT(IHLHtHT$1ILHH
GG
AZk5]'AJH
G
ek5E14L<HH8D[]A\A]A^A_fA.H
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Ak5E1f.A6A_fH
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k5|ATSHTHtIH|$LAtHt$H|$ E1A3AWAVIAUATIUSIMHxH|LIDoHD$H2HHHHEHHD$8HHD$
+HHD$(HHD$0HHD$8HHD$@HHD$HLHAAAIFHL$oHDHDD$\fHL$PD$oAHL$PDD$\IHHDD$oAAV)MzH
L$(HT$ IHt$H|$A{H|$DhH5D
eDIAMcLFHIhH|$ DHxLLHgH
FD
A~Dq5E1Y.A/H
D
Aq5E1E1)H5C
LDHHHxD[]A\A]A^A_AQH
C
q5E1f.A<kDAIH
sC
o[fLLHAA[gH
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A`q5E1DH
C
AgAq5E1H|$(DLLLHpkH|$HL$8HT$0IH|$H4?H|$0DL'LLHH|$8DL~LLHLhHL$HHT$@IH|$HH|$@DL&LLHH
|$HDLsLLHb]Ht$1HFAAWAVIAUATIUSH(HHLLDLLLH8YLcH57A
LACHHHHLHMLHLHhLHHtnHTHtHltX1HHtG1DHHIH5@
HzAH"LLWHDfH
Y@
Ad5oH58@
H+AE1H1LfH(H[]A\A]A^A_@AH
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fd5AH5?
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H@H1(UAWAVMAUATIUSH(H<HTHLLLLH 6LcH5'?
LAwAHHSHJLHTLLHALHULHHoHT$`Ht$HUty1HHth1DHsHIH5p>
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Ad57H5>
H>HE1E1H5=
HE1>Hqu@AH
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fd5AH5s=
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ADd5E1xH5A=
H4>HATUISLHHT$1HHtEHHHt$HHxxQA$AHyHHD[]A\H
<
Ai5A1H
<
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H5;
<HH|$wH([]A\A]A^A_AH
c;
hl5z1AH
9;
AAH
#;
Al54USH4HH[)ff.USHHH3HHH[]H{'ff.H3HHff.H>6HG
HGdHH(fo:
H)Hl1Hfon:
BfAWAVAUATUSHHH4$HrH|$Ht$&7Gt$wD$t$wtwtwtwtH$D\${3H@CKDSS|${AA{ADL$DL$A{|${
A{AD|$A{A|${A{ADt$A{A|${H$AADt$Dt$EE1AE1ADDD$A1D\$A(EyE1E+EDD$E1D3\$lDlDd$<.DD1
DD\$AA A A1DD\$A11D11 1DAAA2A1t$D\$D\$A\$D1\$D11E1AA43L$C<+Dl$EA1E1DEB&DA
AAA DAAD11\$13\$AA1 D11\$Ae1DD1AL$A1A1D1L$DADDD1D3T$A 1A
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DE1 ADA1DE11T$AA3T$Dt$D1 D1E1D$AT$C/9D1A1DA1D1D$
AA D1D1EDt$1t$A1t$3t$1 1DA 1B
^Fs1tDDLD3L$D11EDL$ADA
1DDd$1D E1E1DDDt$1DDL$1AD1DL$AD3L$A1 A1A1DL$"ADA D11A1DA
E1A1DD9DD 1|$D1DL$AD1Dd$AD1EE1Dl$A1 A1EEAE1A1E1A1E9yEED3d$ DLDlDt$1A
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DDDt$DAAA D3l$D1|$1DA1|$AA3|$1 D1DL$1|$EE1QEEE1A1A1D1E1ED3l$AADt$A A
DEA DD1DL$AD1DT$AD3L$AD1AA1A E1A1DDL$EAF 9/AA1D1DAE1D1D A\$EA
E1D1|$DAAAA E1A1T$D1D|$AD1D|$AAAD11 D1AA1DDLEs^FD1ATAE11AD13\$1DA D1|ADl
ED ADA1D1DE13|$AAD111 D1DD$AA1E1Dt$AA"DEA1DDA1D1D3\$DA A
DL$AA D1A\$1D$A1D$AA3D$1 D1AB*zA1DDD$AA EAE!A!E Dl$A1EEE1E1E4;D!3\$D1AA
A AA DAAD11L$1L$3L$1 1D ADD!D!A1 \$;D\$D1ADA1EA<4AAE13\$ED A !A!
D1A\$EA EEA1\$E1Dd$AAE1D3t$1 D11t$DEA!A t$AA)v1DADA1A1FDAD!A3\$1Dl$A D
AA AA1L$A1DA1L$EA1D1A D1AE1EDD$AAE C<SDDADT$D!E!A \$D1D1D\5D1 A
AD!1 1L$1T$3L$D1DT$AD1A1 AD1AA1DT$EyD A!!A T$D1ADED1D!1D1E6DDt$A AE A E!A1T$A

A1D$11D3T$1 1D1DAE!T$A D$APOD1D1EAD1D3lTE D!A!
D13T$DDAA A1A1DDl$AD1A1A 1D1C+bEA |$|$A!D Dl$A1E1AAAE,E3t$A1D$A DA
D!13D$DDAAAA E1DL$A1AD1A1 AD1DL$1DD$A?C=D D!AD!D DD$E1D1D$D4DD13\$AD!3D$D1 A
1\$D111 1AA1DDD$=zDD !DD! t$1A1AAD3\$D1AAA A
!D1\$DAA A1T$1A1D$\$11 11DD$A<;DD D!ADD!D DD$A11D1DA3\$AD$A D!E
3D$D1A!BAA A1\$A11A1 AD1EA 1E!E ttDL$A;v)A11AEAD$EA ADA
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1A3\$AAAD!D1* 1\$D1DD$1D3D$1 11DD$D
yDD !ADD! |$D1AA E13\$AAAEA
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D1D3L$D!!D1BDDL$AAAA AE1DT$D1A1AAD3D$1 D11D$Eb D!A T$D1D1EADE1AD3D$A D!D!t$A
1B:DAAAA E1A1D$1D$AA3D$1 D1AA1DDD$AE EC=A!D DD$AA1D1ED3t$ADL$ ADA
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D1 D!D!D1DAA A1T$A1D$11T$3T$1 11AbT$D!E1A |$A D1AAAt
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D1DD!D1DAA A1DDt$A1AD1Dt$ADD11 11T$DA;)v AD!1AADA !D Dt$A13L$DEA
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yDAD !D1DA D!L$ t$A1EAAD1ADD1A
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A
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E1DAD!D1B
AA EAAA!E1ADA1ADT$C!PODAA E1E!D D1EAD$DDD1A
D!E!ED1T$AA DAAD1E1ABbDAE A!E D\$A1EEAE1A1DE !A|$D1E!B48EEA
E DEAAA!AA D E1DL$EA1AACC=A1DDAE1A1AADDL$D!D1DA D D!A
ADA D!DA|$AD1ED 1AA D1B6zDA
1CADDA!A1A1AED!EEAA |$E1EE1AG;DEE E!AD DL$DD1A A1EA
E1ADAD!D1AA DAAD1E1AL$Bv)DEE E!EE1E!DDL$D A1EEA1AA!Al$A1AA AA
EEA DEAD1ED1AB?<SDEE E!DEE!1A ED|$A A1EA
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|$AA1AA L$E1DAA1DD1EA1A1BC=A !D1AD1DAT$AA1D DED!D!A1 HL$D1lADD1t$ED1\$A t$

1t$D1d$AD$qD AD1A1D1t$1l$D$1\$D1DqHlADADAHD$HH[]A\A]A^A_HAVAU1ATUSG
HAW$HIG
GhHHHW$t4Lw(H?I<w^HTH?wSHEkh[]A\A]A^fHHHH{(DkhHL]E[]A\A]A^A@I)II$LHKD,JD/HGHH)H)LHH
rH1H4H4HH9rL)LHMfHHChHC(AFAF
AF0tLHHHIH)HAfAu2MyA$AhCD,fBD/WA$CD,BD/;&fDATULf(SFhHHD(HH8I8H)H1t#E$LHebEcU`E
UaefEgUdUeEhL@EHHHSHHHCKEHHHSKHHHCKEHHHSKHHHC
K EHHHSKHHHCK
EHHHSKHHHCKEHHHSKHHHCKEHHHKHHHKSCEHHHSKHHHCK[]A\@HqHHDHH)Q19H<r:D@H)t1HH
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11A1D\HA D\`[]A\fDAWAVH
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V VA]V
A^A_@AWAVH

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A1A1D1vVVNVDnDVDn
V VA]V
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uH1SA1E1LL{>HH[]A\]A^A_f1fff.AWAVAUATUSH(H)H
HHHLHTHH|$HI4HI3HI3E1HH}HT$Ht$MHL
Ht$HHHIHt$MHHLLtjMHLLHGuPDE11E1LL8=L0=L?H(H[]A\]A^A_fD1@E1H1?fAVAUATUSH
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1H[]A\]A^fDHHHL*tH5LtLvLHLgH1LHO1HL5LH9"H8LLHcHLr1HL}1H@Hfffff.HAVAUHATUSuXHtSHH
IHIt=0HItMHLHHt(L[L]A\]A^@E1[L]A\]A^LE1E=AWAVAUATUSH8MHHHHMLL$(LD$
HLHTHt$H<$HH^0HI0HI/HI3HHTIHt$L1E1H$Ht$HHHIH$IHLLHHHtILL1FtpHTHt(HLHjtWHt$
LLtC;/HHt6H$ILLHnuH1;fD1E1E1E1HEL8L8L8L;H8H[]A\]A^A_1@1E1HtkHtfAUATUSHHH1I1Mt<.HItLH
HHBu-
1LD$L:D$H[]A\]1DL4fDkff.Ht{HtvAVL5=k7AUIATIU1SLf.HHHt2H{L/uH{Lv/uHDm[I]A\]A^[1]A\]A^D
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U)R)DpAt
HLHTELHHct$L|$ALHLLDtNttLHtHcLTTAT$u?HH([]A\]A^A_HD$H([]A\]A^A_DMcHcLL)K44
HA,H@HDDH([]A\]A^A_fHt[SHHn7H{4H;H5#H{(H5HH5[fffff.AWAVAUATIUSHHDDPwHPv<
tHHIHH=H(HH@H= `HIHu&DL^DH[]A\]A^A_HLHtHT$H
oALLxL|$EHLLLgxD$DLLDHI4\$\$H\$[9KHcI4,LH))\$68fAUATIUSHIH
HHHHH^xc1H7HHEtNLH:x.1H7HI$tH []A\]fDH}5HEH 1[]A\]AUATH5USH4H
HHtGIHLAxeH5n=HIHHtI1DL$7HHCtH H[]A\]f.H;H5C@H5
HE1HAUATIUSH1H"HH8LItDH9|LHHtf1HH~$HCH[]A\]DID$H[]A\]H;H5^M<H{3H5DOH11USH5H(H!H
HtUdHHt\WHHCtNHHCHC
HCtH5HHHCt,HH[]f.H5H1jH;@H{7H5hH 1Afffffff.HtKSH5cJ7HH?H{H{H5,HH5-
[Dfffff.AWAVAUATUSHH8H|$5IDHuHHD$ _HH\$
lH=HHIHD$H@HHD$(t1bHHD$(1D$fD<V0I~$9I~!IH<IuH5HHI|$H5HHCHDItHxHHC
HDItHxHHC1HLHD$Hx+ID$HD$(@E11D$HL;H|$ qLD$H8[]A\]A^A_fDID$
MHD$tC1Hu0[LHItHt$H8!tNL9|H|$HIh'fDL9}LHItH5p0yHHHH@(I|$H@H@IWIGIL$(HHS
HCt'H5HL$HHHL$HtH5HHHC(t~ILITHsH{OHD$1HH8
D$UEHH5~HYH5jHE1fDD$H|$(1Mu+5L&HHtHt$(H8at!L9|H|$(HHtBHD$1D$oE@1D$n1D$_1D$Pff.AUATIU
S1HHHu)4H}eH8LItH}79|E1HL[]A\]fAVAUIATUHS1H@Hu+fH}H8LIGH}9|H}oH}dH}
YH50HH7H@H@MHH@(HU HEHS HCt H5YL4HHIL(HI1HLHmHHHL{trLLHLatXHl$
1LHktBL?1Lp.1HI^.HLcHCt Mu@E1LH1H@H[]A\]A^H5A0JHHtHI<$HC HCIT$ ID$HHC(HCHCIl$(HS
HCtH5HHYHt!H5HHHC(3I|$,I|$H+HHkHCHH@H[]A\]A^ffffff.AWAVMAUATIUSHIIH
L$GHHMMMMMH<$HMHLLLL$BHHLL$LL$'HIELL$H4$ILHHLL$KLL$thMA
Mt;M11E1I9t&H&HH
D[]A\]A^A_f1E1f11I}L$m&L$fLMHLHHLiHL$11M`@1Hq+HIAWAVAUATUSHHHD$0HD$8HIHHHIM
HMLl$@LLA1L*HHD$LL1L*HHD$ L3HD$L-HD$MHDH

LHHD$(I1LQ*HD$0HLL$ LDHL8HT$0LHLd$@H|$8L*"zH|$8(!hH5IHcHHIWH|$8
PLLI.H;4H|$M7E1&H|$&HHLH|$0#H|$8#HL[]A\A]A^A_f.HD$1HD$E1E1H|$L0HtHpL3L(HD$HDHtHpMH
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(AAE1D[]A\ff.HAAVAUAATUSDMHGIHHDwE9}@ATUUUHAHHHtYHCDsx9HcL$AC[]A\A]A^1H
6AA[1]A\A]A^fDDAE9FIcHWDLc)J<HcHH48H|8HCN$WIcH5HHHCFDk
DEAUATUSHHoH;utPEKHUMIf.IHHAI90t0HI9AuH1[]A\A]EkIE11@E9HIt#E)HtLASHcHADPEHH[]A\A]1
ffff.USHHtUxQ9~KLGHcBHH9I<H/t)ItHcHIHH[]1HH[]@SHHHt$HHOHtWWt@Ht}HsLCH|$AHtYH+CHH[fK
Cf~.HH;7t[HHDHH;ttH9uH[HHcHt$CNfD1rSHHHt$HHOHtWWt@Ht}HsLCH|$AHtYH+CHH[fKCf~.HH;7t[H
HDHH;ttH9uH[HHcHt$CNfD1rHtT@f.19fUSHHtEt?HH1PH/tHcHwHHHH[]f.1HH[]@HttPHGHcH@1ffff.HtHc
ufSHHH1[DHt3SHHH5TxHH5@y[DfDUSH5H1
HHHtyoEoE@Eu!HCCHH[]Hc}H5@HHHCtFHcUHuHHHH[]H
A2AODH1wfAWAVIAUATIUSH51
HHT$PHH
AoAoF@IcH5HL`H<EHHEU1(HH[]A\A]A^A_UCH9}IvLcHH<HtHEIAHIuJIHEH<HtHD$HI9uH1j@HEERH
AQA,H5Hb1ff.ATUSH5I HHtXL`~P)9H{LHt:;kt$HcHSH}Ht`HCkH[]A\fHcH5H(HHCuH
AAfDH1nfff.111fHtcAUATIUSIH~%11IT$H<Ht*AA$H9|HL[]A\A]fDH9|fDHtfHtx97~HGHcH1ffff.Ht+x'97~#H
GHcHHGGH1ffff.Ht+Gu$HOHtSHc7HC[fDfDHC[HtGwHW1DH=J76@AWAVMAUATIUSIHIHH%MHtLHrL
HH58LHEHIENE1HHHADuUH
(v,1hH5LV$H\HH[]A\A]A^A_f.Ht;uANfDH
QA@Av,1H
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A6Av,1LAVAUIATUMSH HHT$H~HHHtpHHU? 1HHA$8HT$L1`HHH+$HH
[]A\A]A^DHt$1LHHA$HHH11Lt$EDHD$HD$?@u&81LLZ`HtHt@HA$9A<$0HdH 1[]A\A]A^DH1QH
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A},OHHH81[]A\A]H
iAis},DSH5'7HH?]H[@AWAVAUATMUSH8IHTHt/HAHH8H[]A\A]A^A_HuHt$HL|HIH51A$HHDHD
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HLA}/H,$A\$HLA1Ld$ PfDH
rA;H1Hr&I9HHHHHDt ;/LHxH5HPHHD$8%=@ L$1LHHHIaH5
HHHEEHLLHEHZH~#H5L$HtEHH[]A\A]A^L$HT$ALyH
A5lx,1H1$@IEA\$HHH5TL$HHE EH}HHE8H8H}@(EfD1L!}HEHtH} PHE HEH5H1H
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Aox,1clHE H5HzH$8HH
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HAHDPHDXHDHHHHDHHD(fH58H$HIHD$|H5E1E1HD$$fMMDH5HH9H+D$|H$t$8t$8HTLL
(LD$8HL$Ht$0H|$
U$I^_~IcIlH$tH|$@UT$|HAAHYLLHEHtH|$@HZ5HE1H$H91AH5LHH|$PH52H|$XMLNLLHHD$fHHD$X
H@"LH$HH5LHD$H\$P
IEH UHt$HHFH$HF ;H
AA|,H|$PH5YH|$XH$HAHD$HE1@@H5I
HDHH@H5gIHDHH@~H5?IEHD$H8H@HtHt$HH~
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Ht$@H|$ fDHDHHA@@qHG1jHG1sH$HGEzAE1;H$H|$@HfoL$`L$H
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)AAm,HDHDu Hw@H
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AAn,HDHDff.SH5HHHHtHXH[DH
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A,Aj,HDHDff.SH5hHHHtHXH[DH
1A6Ak,HDHDff.ffff.?uHGfD1ffff.H?u'HH5LrHt=HH
ATgg,1HH
iAPAg,HDHDH?uHGfD1ffff.H?ugHH0H5cHHDDqHtHf.H
AgA,HD$:HD$HH
Akg,1ff.?uHGfD1ffff.S?uHHHC[H
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iAA,HDHDAWAVAUATIUSH5,HI0HHHHHtHHL9u+HkLk Lc(HHH[]A\A]A^A_HIL|$ H
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ff.HGff.ATIUH5SHHHtHHL`t)H5fHjHHCt?H[]A\@H@H[]A\H
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iAA,LUHH[]A\A]A^ffff.USHHH~H5HXH[]H6H?DH?wHHH{7{7Hfff.USHHt5HH5H/P)Ht<HhHH[]fDH
A+jq,1H
A0Aq,HDHDff.HGff.Hfff.HwfDHwfDHw fDHw(fDHw0fDHw8fDHw@fDHwHfDH5}ffffff.AUATUSHHH;#-
uWD+EtfH
_Aju,1sHUH5o1H[]A\A];L%A@DH}tyH}0trH}8tkH}@tdH}Ht]H5H=y7Jty7H
AAu,1H[]A\A]H
yAtu,1H[]A\A];+u3LAHH;@+uH=x7H=x7Ht#HuHt7H=x7hH=H5wtHHH]x7u1H=Px71A|f.SHu1[H[ffffff.UfSHH
XH<HD)D$0HD$H3H5H=w7tDw7t:H=w7H=w7HxHHtWH=w7HXH[]H
AAd,1HXH[]1HXH[]@H
yAid,H5H1m@USHfH5HXH<$H=v7HD$)D$0HD$HtIv7t?H=v7H=v7HvHHtLH=v7HXH[]fDH
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i5@H
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5@H=95@H55@HH=5HHH=S6H546HHH=[6.fffff.HHH=6H56HHH=6fffff.H554@HH=5HHH=6H56GHHH=6f
ffff.HHH=6H56gHHH=k6.fffff.H
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A/1[DH{H{.HHCDH
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fAj/4H
|HH5E1ATIUHVSHH'Ht"HLH![]A\f.H
Aj/H
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qAp/?H
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Aj/1vH
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Ap/H
DHH1H1[]fHHHiAjH
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Ap/H
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Aj/1uH
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Ap/1Ht$H
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1A#Aw/-[]A\fDHGff.ATUSH97tHHHItH;WL#[]A\DH
1A8Av/[]A\fffff.Hfff.Hw:HGff.ATUSH9wt HH&gHItH{U6Lc[]A\f.H
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[]A\fDHGff.ATUSH9wt HHHItH{eLc[]A\f.H
1AlAx/[]A\fDHGff.Ew ffff.W 1DHG(ff.Ht#SH56HH(HC([DfDH(
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Cf~LHQhI|$1HHexH5]7H&hI|$9|H5N1HMl$MH5L5E11fDL0t,AAtH5?H1AHSLH10H3yEt!H56H1[]A\A]A^fH5/
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HnH55HjbH51HIl$(HHuHH&H51HHuHHH51HHuHHH5dH1YH54HaAD$0HAH5;HH2HD1H5J1H
It$8HHdH54H`aH51HIt$@H11HHHt11HHH56HH5*4H`It$HH[]A\1DH5Z,H1GfH5B,H1/DH5*,H1fH5,H1f.H5+
H1pf.H5+H1f.H5+H1
f.USHH51HHvHuH
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LHkHHEHCHx^E11L#HH1H
AA/HPH[]A\A]A^H@E11@SH5|inHHt9vHCH1HC`HHCpHkHH[H
1A}A/DHt{SHH?H{H{ H5[6H56H{(H{0,H{84H{@H{HH{P HH5[$l@fffff.ATUHS1I Ht2H
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AA/7H1[]fffff.USHHHH H56tHHC tHoHHC tH[]f.H
AA/H1[]fDUSHHH(t0HX[HHt@H}(H4t+H[]fHt$HHE(Ht$u1H
wAA~/H%*H1[]fff.HHG8HtKHu/H
AA}/1HHfDHt$H<$H<HHtHG8ufDAUATAUSHAHH@H{HHC@H{PHCHHCPEEuH[]A\A]fHHCPtIcHWuH
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3AbA|/H1[H[Dt$HHHCt$uDSHKHH^1[f.ATU1SIHHHH5u!H$HEHD$HH[]A\H
i~ALzo/HLLH1[]A\HH1wwXffffff.AWAVIAUATUSHHHHHSHI1H HIH}b11L6H
W}Ayz/IHt#H"~LmUIIIWII
IIIHH[]A\A]A^A_fLs1M.I}IAI89gI8HHXA9uHtI}HtV|H|-IFHX9H}fLLH
{AAz/lf.I1DIHHH)}LKLfIo0IHL`MtYHLSIo0Hu;DI(9'I(LHHSuHtHItLLLuw1E1E11LH
zAU{{/QH2{LH%uLLHILHLLnILHpL$OIwhLAW`HHL$4LHLHL0HT$(IwxLAWpL$EgXHD$(Lt$0AHD
$8Ll$`H|$8L0HL$r0Hl$@HPHHVpDBH+{lVpVDH1LcH L$IEfAZLHILHHELLLLJL$I@
LHILIw@HtH L$IwHHtLL$hL$IwPHtLL$L$MtLLL$'L$AG\ IHpHtLL$DL$LAG\
1HL$rLLH15L$IMHh()DH[1HLA6H,9IwI?LH
mwAx/11E1E1 HxLL\LuHHUH)xL1LDH
vA }/HxLLFC1yTUHHtDHOua1E1E1%H
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AvAA/1E1E1HE H8)tIx 3IOIWHI7HH$Z?H<$H2E1AG\tMw
I_HeH9IGIHD$HIH|$1HHHI<HDL9D$}at$LH|$HHHeI<$HkSD$AH
tw1LH5tHcI_[HHLLHD$`~HItDHHH
YtAA/LH50tHZH
tA/1E1IHD$HHH8H|$1fHIdH|$1LHkI<$L=H;LqD$L9D$t$L1HHD$HIcH|$1LHkI<$LI|$mHHH|$HDHHTHHB
tID$HH8!HT$tfID$HxH|$pITHHTnHT$HHBt,H;LtPD$BHID$G1HlLH
rA!Aq/HAH
qArAH
qvI7H1TI
uI JHH/I &9|At$HTsLL1LT$LL1HLT$LHHMDAPI@0g.LDLL$H
qAs/L$E1E11L$"HH1HLH5pHcGIeWHILHHD$`HItDLHH
_pANAp/LH56pXLVH
"pAt/E1E1H
oAHAp/E11H5oQLLVH<$LzuE1VNHItFYHIE t89IE}Ht I} HoLH|{u1aLE1N1HwVHItNIHAtLHjuLAH
n|/H
nAA/pbIIHLIrSLH"1;MIQLLNL
IH_IPTE1L$hHHL$LI?HHHEL$%LHL$ IH
mAA/E1WS1LHA{H
smA3H5]mHSH<$L>x1ff.HwATUSH97tHH'HItH;L#[]A\DH
n1AA/u[]A\fffff.Hfff.ATUISHHHJKH{LcHk[]A\@HGff.HGff.H?XH?XATUSH9wt HHCHItH{Lc[]A\f.H
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Im1AaA/[]A\fDHGff.ATUSH9wt HHHItH{ULc[]A\f.H
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sT$,9|L
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H<L3DL3LD$HH4 H<L3TL3\H4 H<L3dL3l\$LH4 H<L3tL3|H4 H<L3LL3TD$PH4 H<L3\L3dH4 H<L3lL3t\$TH4
H<L3|L3DH4 H<L3TL3\D$XH4 H<L3dL3lH4 H<L3tL3|\$\H4 H<L3DL3LH4 H<L3\L3dD$`H4 H<L3lL3tH4
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ELW88000`000`+t+t???~???~UUIUUUIUyYyYeeeeejeeejhihi///e^J///e^J'N'N_`_`pl8pl8.F.FMM)MRdMM)MRdr9
vr9vuuuuuu0606$ $
@yK@yKcYcY8p6~8p6~|c>|c>bbb7Ubbb7Uw:w:)2M)2Mb1Rb1R:b:b3f3f%%%5J%%%5JYYyY YYyY
*T*Trrrrrr999r999rLL-LZaLL-LZa^^e^;^^e^;xxxxxx888p888p

ccAWAWCMCMaaa/Naaa/NE{BE{B!!!B4!!!B4J%J%xf<xf<CCC"RaCCC"Ra;v;v+O+O
 $ $QQYQQQYQ^/%^/%mmmO"mmmO"

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oL_&L_&,,,}XQ,,,}XQkkk\k\nnnW9nnnW97n7nVVEVVVEVDD
DI^DD
DI^!7O!7O***MTg***MTgmk
mk
#F#FSSQSSSQSWrWr,X'S,X'SN'N'lllG+lllG+111b111bttttt FFF
CLFFF
CL &E &E<<PD(PD([B[BXN,XN,:::t:::tiiioiiio $ H-A $ H-Appppppp TqoTqogg;~;~..BBB*WhBBB*WhZ-,Z-
,IUIU(((]Pu(((]Pu\\m\1\\m\1?k?k"D"D#O6yoR`{5.KWw7JX)
k]>g'A}|fG-Z3HHHH1HH)Hfff.AWAVAUATUSAHIIH(A1HAAHHHtHuHuH
IMAE9IAEE)E)EIT$H{@HH|$MlMAWA7DIMOD
T@EMtXM9uAWDDEDDpDT@GDD)T3@H([]A\A]A^A_ME/AWDIM_ADDA
ED@|@v?Hs@HDLDTDDLLDD1DTDLDADl@I^T@0Hs@H1-
HtHDTLLDDTLLD$DI!T@D)I)MtSLk@)LL9wULI)HIhLHhMKHLH
Hu?H{@1LDLHH([]A\A]A^A_fHs@DLHLHH!IAuHs@H11AWAVHAUATIUSIIHH9v|HIH*HHHD$H<HH<H
HHLLH9uHl$HI!HH!IMMtJLLH[]A\A]A^A_fATUSHHt
T3@T3@Lc@ ??HL @1HHpHHDHH)r19H<rHLHHCHS~HHS}HHS|HH

S{HH(SzHH8CxHH0SyHCwHSvHHSuHHStHH SsHH(SrHH8CpHH0SqHCoHSnHHSmHHSlHH
SkHH(SjHH8ChHH0SiHCgHSfHHSeHHSdHH ScHH(SbHH8H0C`Sa1Ht5oHEoCEoC E oC0E0r[]A\r
1)H@HF:1fT.fD@1HL@)s51ftf.HHDHAHH)N19H48r7fDDD
AUATHe6USIIHHHHHDHLLHHHxHH[]A\A]HHHH9wfH5{?ffffff.AWAVE1AUATUSHhHHLHHt,H|tP3|
$,H$H$L-HD$XHH(HD$HL=KH@HD$2IHDPD(HD$0HD$pHDHD`HD$@HD$Hxr 9D$(qHD$t$(Hxf
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H|$,E1|$,H{ufDH{AHsAVMAUHMA/L1HT$Hs&AXAYyLt$I~BHlHt0HEHxHUHzI~HD$ BH|$ DD$(H
Apg1sHHhD[]A\A]A^A_fDUHsH|$IH{AHsAVMAUHMA/L1HT$Hs-^_yHHHL-HD$XHHH
AgE1)@H}]HDLd`Hx:AH}Ht$@LEHD$8E1HD$HxJAH{!@UHsH|$t@H{AHsAVMAUHMA/L1HT$Hs!ZYy
HD$Hx@HL$Ht$0HAHxHL$HQHzHD$ HD$Hx@HD$Hxq@H|$8HD$8D9p}DpHD$Hxh@H|$ HL$
HT$HAHAHBKfDHD$8E1H}HD$8DpH}Ht$@Ld$`H}HHD$8UH5]HH}L HDpHD$8cHL$8
AHDHLHx?HL$H5hH7H
xAiAgFAH
KAgE1E1HD$Hx?A`fSHH?H5H{H5M8HH5[SH_H5H{H;H{>HH5[EDUSH5H_HQHHHHAgt8HC=HHCtH]H[]
@H;@AnH
AH5HuH1[]fH
AbAH1[]fDAWAVAUATUSHHT$tHIIuJH
zAqdH1H[]A\A]A^A_tAEI<:uMeM)
1 fDH}9}-H}L8LI9uLLLuH}9H}H5HHD$H=CHHCLL7HHH{H}HAEMH[]A\A]A^A_M;HHE7AH
Ad1pH5HrH{H5H5HN11AH;H5}D$'H{H5H5XHH
DAAdD$fu+SHHHH_t HHH[HC1D2H+SHtNHHt
H[@H
ATgfDsDDs2HiN6HN6AWAVIAUATIUSH,HHHtELlH@~,twAxH
adf.H
IATo1E1H
HHD[]A\A]A^A_E1L=#@I~HDCAtHA1
11LHZHHu%luEuVH
Aa oE1SD1HHHt&I~HBA(fEH
9Ap
oE1AWAVIAUATIUSH5+H
HHtELlH~,twAH
df.H
Ap1E1HHHD[]A\A]A^A_E1L=j#@I~H@AtHA11LH
HHuE%luEuVH
A pE1RSD1H~HHt&I~H:@A(f+EH
A
pE1tfDAVHAUH5kATUSIH)HHH
D11HE1HI1MuRf.LVH0HHtI~2@t2AHuHtI~H?tAL9|EtLH5,6L}[D]A\A]A^H
yE1A[D]A\A]A^H
IADH
!A ufu3SHHHHt*HH[1D{-HMHtnHH>uH
A<heDDH[,AVAU1ATUHSH5\HIH}uHHHH5HH1PuHt$HH
H5!THH4$1HHH5hH1uHL1HHH5HTHH55H1tH4HHHfH5H1tHHHHHH5H1ltH$H51AHH
HHI'H5H1t1L5LLIH1sLkHHcH5H1sLHHH5TH1sLcH5A1HHILq9iHT$H4$H
H[]A\A]A^fDHHHH5_IH11s@H5H1sfH5H1r}f.1IfATUISH$HyHt4HL1jHHHH[]A\H
1A}
[]A\AWHAVAUAT%USHIIHH8H="HA EAW@AuTHT$ Ht$(LLHT$(Ht$ H u,H
AyE1H8D[]A\A]A^A_f.H51DH\q~LKLDHHxH5Hjf.A

AH5Hg/H5
HKfDLJHw2HHHSH5IH1ptfDH%H5HH1]pFLHHIQHH51HE1!pd@DLHH5IH1o2Lj_HHOL_HdHcH5sHHD1o
HLH?u;H(H5P1HcoL_HHH5HtALA9H5#6LH5!Hd,HH5A1HnLDH|$(111IHt$(HH5$HL}DH41HHBMDHH51H(
npLE15FtaL)FD9DLEFHHD$HIMEAtGALED9fH]H5@HmDH5H5#1HpmLHADDHD$D)A0At"H5KHtL@H
5Ts
HY1AwDH\uaH5pH*D|$AD9|$H|$DHHD|$D8HL$BH|$nD$L|$HIwAA;H5HHH52HlbH+D11ATUISHHHt4HL1j
HHHH[]A\H
1Az[]A\AWAV1AUATIUSH5HHHNkLn1HIaH5LcL*HHHDHtL|$
L'E11ILLHL<$rtfMwL-
L|$@A1LHj~=IM9uH5kHnH51H}j9f1H57H:1HH[]A\A]A^A_fLHHtHI HA
H$E11IcMH>qtH Lt$@IM9Lt$tA1HHiPH5XH1iMDAWAVAUATIUSHD.HnEA1A98.fD9txUH
o
H5[G1LLi~?HA9uH5L~DDLH1[]A\A]A^A_UH
H5F1Lh~H5hL<H[]A\A]A^A_@ATUHSH5HIH~?HuHz~/H}u2Mt}LH H[]A\@1H[]A\DHT$Ht$tt$1 HtHHtE1
LHHf.H5xHAAWAVIAUATUSHHHxT$uHx[]A\A]A^A_LLIMIAD$L
H5H1ALD@14gHD$ HD$:LL|$1HPLLHE1^L9}EuH5H>@H5`~H)MhD$L
YH5WH1ALLl$ D@1~f1@Lk1HPLE1fLHL39}EuH5'HfH5}H1L'HtT$H
H5IH1eHt$L&HI.T$H
sH51HeD$~AA$HIL-k
@A,LHH5t1Hke9l$H5|H@T$H
H5H1,eT$H
H5H1eFffffff.AWHAVAUAT%USHIIHH(H=HA EAtz10 @6bA.1LHE1sAH5-HL<8IAzHH
AH5HL$HE1cE1L$FAPLT$
9IBBL$t:H5^1H{cL$LT$I~RAD9DH51DHDc~(LXLDHH?E1H51H(D[]A\A]A^A_A
A3H5
HG~H5
H/~fL>HwrHHH;H5IH1sbNfDLH?H59AHH$%H4$1H
fHH5WHH1b^H5.H\H5$H@L>HHH5H iL=HHNH5xH-DH51DH,aLL
LDHHH5xHoqfH5xxHL<L`=H|$111IH5~!H iH.H51Hi`IHt$Hr4H5wHL
H1HHDHLLLTnLH5HLTHAzHwu
HHH5=1IIH_{HTHtLN<H|$t:H#H51H^_>Ht$H$H|$HH51H_HtH^HtH|$LE1HT$Ht$H)o@Lp;H5`AHHHU5
H=H5Hz^H"ffff.AVAUIATUISHIHHtBHL1jHuLLHH$H[]A\A]A^H
1A
v[]A\A]A^f.11W11ff.AUATUSHHtQIIH[9A2fD9t(HNH8LSuH[]A\A]fH[]A\A]fffff.USHHHtHH[]HVfDH[]@Ht;
USHH9}xHH[]H1[]1ffff.Ht;USHH[9}xHH[]H1[]1ffff.ATUSHHHHHt4HHIteHHt5H}tnHH[]A\fHt$6HHHt$uE1f
DH
AbALH1MHH[]A\H]HH[]A\H
APC1]E1Ht;Ht6USHHHH?BoHHHH[]1ffff.AWAVE1AUATUSHHt^AH$HufE1t,HIH4$DHLALHD[]A\A]A^A_f
.H?H4$1ADHIp4$NHI4tLLE1H}LAuH
A"AE1LLJfDE1t$HItAt$vH$HktmfH
A
of.AVAUEATUASHIHHt;HHt3HuoH9]tSH1HH[]A\A]A^Ht^HHHt}HuQHtH9]uH1H[]A\A]A^@DLDHxH}uH
]xDLDHtHSH
yAAO+f.USH1HHt+HHHHHHH[]1fff.AVAUEATUHSAIHHtLELDHHHUHtH[]A\A]A^HHDkHDH[]A\A]A^
H
Am_1ff.USH1HPHt+HHHHHHH[]1fff.AWAVEAUATIUSHH1AHIIHt4HLELDH]HHjHH[]A\A]A^A_H
AwH5$`
H11DUSH1HPHt+HHHHHHH[]1fff.HtHf1ffff.HtH1ffff.HtHf1ffff.USHHtFHH9uHCH[]@H

A>z_11@AVAUAATUISAHtdA|*H@HDH1[]A\A]A^1VfDLHSu
HAHtHt[1]A\A]A^ATUHSHUHHt&H}011$Is1HH&Uu1HTHH[]A\@LPLHHWtH5.L
HcUHuHWt1HHWt,$HHHG0ff.HGHff.HGff.HGff.USH1HHx1HiH0H0uBu8u.HSxH;Ux|+HupH{pH[]Jf.H[]ffff.U
SHHHHt=Wu6H{tOCuHHcU +C
u0t,HsH}H[]fD1HyH[]fD1HyUSHHHHH+tH[]@Hu0H{0H[]EDHv0H03HvHHH#HvHS1HH 1Hcs
H{HE11IYu1H
H[fH0HHATUIS1HRHt:H1LHj1HHRu1HQHH[]A\ID$HHpHTt1HHTt,$fH0gHHWAUATUSHhHtQHBHHt$0o1I
D$HD$$DHLHI0tH9|E1HhL[]A\A]fAUATIUSI1H+@L^HHLHHtL)9|1HH[]A\A]DHtHPBf1ffff.HtHPf1ffff.SHH
Ht.HHt~tJtH[H
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A&tD$[D$H[H
A)s/H1[AWAVAUATUSH1HIHIIHMIH+H1A8MtA/HD[]A\A]A^A_LHHtOH3==A:uAA<t@E1HtH=tA9x1HH*
fMtL=t1A9.L@HHtH{==ALl$Lx9HXLD$jHH)HUH-
HItH=tA9zLH8HtH=t4=u]D$t=HD$BfD$t=HD$Hd$fA:DkLA9=LHHH==utu@HD$tE1L;l$AA<TDA8DDA;)AA
<w1A:AtLH%HD$1A<tuHD$
BA;u1DATUHSHHHAtH=t9[]A\@HpHHtH=t2:uAtA;ut21[]A\fAtA;u<z1<lffff.US1HcHfDHKHc&H+9|HH[]SHH
H HtWE11HHH Ht+E11HT[1[fff.HATIUHSHt>IHH.
HtE1HHt[1]A\DMt;HHHtE1LH[]A\1H[]A\HuH|H{HHHH@bHt
HH=94H=4HH8'2H82H8'2H82H8g3H83H8gH8HH83HHDHh1Hh2Hh1Hh72Hh2Hh3HHhC3HHDHhHhH 0H
w1H 0H 1H '2H g2HH 2HHDH H WH?H+ut%uHqH+fDfDHqHff.HSHtt(u
HHH5[DHffff.AUATUSHh4$ArxHIHAxZMtUA$X+tkuHxHt$@u%A$H<9}H>;$tHhD[]A\A]fDHD$HT$(HD$f
@HxHtHHHHD0fDUSH5H HHHtIHhHEHt HtHH[]fH5qH1JH
QAAOffff.Ht3SHGHHtH@HtHH5)[fDfDH@H@HGHtH@Ht@1Df.HGHtH@
Ht@1Df.HGHtH@(Ht@fff.HGHtH@0HtDGEu1ffff.HGHtH@8Ht@1DHGHtH@@Ht@1DHGHtH@HHt@1DH
wfDHGff.HGff.SH5pHHH=HHCAtxHHCAt^cHHCAtJHHAt,qHHtH[AH
AH{VH{]H{TH5H1^H[fH
aAA_rf.Htt~fAUATUS1HHLo#LIHPLL9LH{H5q5DHHH{WHHHH5[]A\A]]ffff.f.AVIAUIATUS1Lg
f.L&L9hHt3L9|L6HHtMI~LpHt[H]A\A]A^H
A
AH1H
AAfffff.tuHfHwHt?uHG1ffff.Ht?uHG1ffff.ffff.H5H&HtHfDH
AAHDHDHt+USHHHHuH1[]f.1Dt)u H{SHkH[]DH{ffff.Ht+USHHHHGuH1[]f.1Dt)u
H{HkH[]DH{ffff.1fSHtH[w1[fff.AWAVAUATUSH(L/MIHLIDHD$I}LIIMtu[1Lt$)I}LLHu)I}9|MuH(1[]A\A]
A^A_MAHL$IGHHAH([]A\A]A^A_ffffff.AUATIUSHAHHHHtHLDHtHH[]A\A]DH1fff.HGff.AWAVAUATUS
HHHvIHHHlIHHHxAID$1@H9l$~sI$A4Hx`LxLtLLuI$HELH55LE1HL[]A\A]A^A_fI$HfDII$HMtkLLHXLt
YIHIHHHxAI$HyfE1=3E10ff.AWAVAUATIUSHHIMHHI<$HHLHI$HIHLHHxAD$1{H9l$~kI$A4HxxLx
LLL1uI$H]LEH565LE1HL[]A\A]A^A_I$H
fDHLE1I$HLE1fDAVAUIATUISA$vL[]A\A]A^DLx9A|M`t{uIt$H}@u=A$tCu1It$H}@tD9tL*HA;$t1[H]A\A]A
^It$H}bu@It$H}HATUSHIHHHL`*HH}HHt%HHY[]A\H}H,HA]Eu.HH
)AxA}'1[]A\HATUSHIHHHL`ZHH}HHt%HH[]A\H}H\HAEu.HKH
YAoA|W1[]A\AWAVIAUATIUSHH$H}HLI)HHHI:HULHSHtHuH5HHD$HHHLHxu{HHxY9}eHHxW8IuOHx
vLH;u7IWLHSHtIwHI64D$tfDHHI>HtD$H[]A\A]A^A_H}I>HDfHDD$@HtHHuHfHtHtHWHGff.Hw
ff.HG
ff.Hw(ff.HG(ff.Hw0ff.HG0ff.Hw8ff.HG8ff.Hw@ff.HG@ff.HwHff.HGHff.HwPff.HGPff.HwXff.HGXff.Hw`ff.HG
`ff.Hwhff.HGhff.Hwpff.HGpff.Hwxff.HGxff.HgH7HUSH5HPHHHtH5jHRHHt
HH[]H
AAAH5 H#1HSHtH?H5*HH5+[fffff.HwfDHGff.HwfDHGff.HwfDHGff.Hw fDHG
ff.Hw(fDHG(ff.Hw0fDHG0ff.Hw8fDHG8ff.Hw@fDHG@ff.HwHfDHGHAWAVAUATUSHHH|Ht8T$,|$,H|$H

DHDPL-1E1HD$0HD$H8A9HD$DH8H8H_jgHILIHED0PALPfo
]E)L$@A~11HHL@tA4Nr^FHH9uFTAAHD$H"ArHLD$ DT$HcHHD$DTLD HXL[D/LDT$ LDLLDDT$
McIEA=HEIPHx~rEF1I7DA\xHcfD
HAL
JAL5JHI9t/HD\@EtDIA^wH
HI9uAIcL|$0HUPL@ADD;T$,H\$8AIfE)D$@~@AV1HfDA<tHD@HH9uD$@DDDHED$L1,HcT$,HHjH5H+
HH[]A\A]A^A_HHD$HHHH|$HCtsD$,H|$HH5HH_EwoAJH
tH|$1=H|$H55H_`A{H
AAt]H\$8_1AVAUIATUISHHI|$0L5HHI7tsLHtdH{819=HtTHcH{@HiQ!=Ht<LHt/HHt
{LHHufH1VH[]A\A]A^f.HHtH1@H
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qA^tgH[]A\uSL=LH
Aru1c1H[]A\H
Aas1H[]A\fDH
Af1H
iAnr1]H5t(9tHfH9tufH5H=5H07H0H0'H0HATUSHH-h5Ht~uHAtnDHtSH1HHtE8u@H@H
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DHAH|$H5yH[]A\@fDHH0HHDHGHG
ff.HtHGHHHtH8H:fDH8_GTHtcSHHHH?tHt&H[@HH[Ht$HHHHt$uH1[fD1DHtHH9t
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8HG8ff.HG@ff.HG8ff.HG@ff.HH]HDHGPff.HGhff.HtHGXHHtHG`HfDHG
ff.HtHtGHtGMGtAG7WODGAUATIUSHHHILDLDHHLLH[]A\A]uDSHHHHH\HT$Ht$htt$uH[f|$uB1HtHHt
HHHtfD^YHHtHYkD$@ti-[OHH+DUSH1HH6u% H[]ffffff.AVAUIATUASHHHAH{Ht>1t.f.H{H-
[A9tVH{9|H;H1At)H;~HZA9t~H;V9[]A\A]A^@=tH{-9}H{.HZD9uAt21LAuA
t[]A\A]A^D[]A\A]A^fH;9[H;HZA9t=uffff.uDeDHt+GtSHuHH5['sfDHH5]sHY5H=R5H=f6HtHHf.x,HcH5HH
@wH=vf61ffff.Gv-HQf6HtH8<$HHjx
H8ft,ATUHSAu$DH[]A\%r5fH9[DHHH]A\HfDUSHHNt]H[]f.H
At{H1[]fDAWAVAUATIUSEMHHL$@Iu\H|$H5&=HIDPAtA,MlEt$M|$ A\$H[]A\A]A^A_fHxH5%pfH5
(pHIAH|$H5@{<HID$At$H=Ad6A,$MlEtM|$ HA\$L#5AH
nA:I|$H5NoH5=LoH1[]A\A]A^A_AH
AH1[]A\A]A^A_fDH=9HHHWc6A0AA6ff.HH=%c6H5Hc6HfGfff.HGff.KH(HcHDH44HHH]H0HYH)HHHHHj
HFHHHHHHHaH)HhH>HHHYH!HHHHqHYH5HHHHiH)HHHyHAHeHHHyH9HHHHHHiHEHHAH
HHHHqH9HHHDHHHHHvH!HHHHaH!H)HtfD1ffff.AUATUSHHtQIIH9A2fD9t(HH8L[uH[]A\A]fH[]A\A]fffff.
USHHNLHtHH[]HVfDH[]@AUATUSHHtIAIH9A~,EtGHP~H[]A\A]A9uH[]A\A]fDA9tH@H[]A\A]f.Ht;USHH{
9}xHH[]sH1[]1ffff.Ht;USHH+9}xHH[]H1[]1ffff.HAVAUATUSHHIAHtNHEAxA9ENL_HItXDHHt%H}uPH]JH
HuE1H
AAhoLH}tP1H[]A\A]A^fH
AhCh1-
1H[]A\A]A^f.H1H[]A\A]A^f.Ht;Ht6USHHHH?&HWHHH[]1ffff.1HtGHt+HHHvHU*H1ffff.AUATIUSHAHHt8
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AyAeA$[L]A\A]A^ffff.AVAUIATUHSx(HAAty1[]A\A]A^fDLE1~LuLHYHHMt[uL&DDHeHDLIyMU[]A\A]A^
?fDAUATUSHHH9IHHAtE1HD[]A\A]@1H
ux1)@IH9tHHtI9|AH1qDH[]A
ADA\A]@IDsfAWAVAUATUSHHHT$0V,L$LD$TEAA9DMxADm(uD1HD$H|$H5]

L$`L$H[]A\A]A^A_H}D$~HD$TD$HHD$ AD$HD$HD$@HD$`D$A1DlHD(HDXHD8H|$H5K
_DHDX<H|$0Ht$8HHt$XHHt$
HUD$HAEHJI<|$HtHLtTM^HL$@HT$(E1H|HD(tTHD
I9uDt$E9\$H}?D8L$IDsE9tHUAEAHRD$EuD;tDtAEtHMHI;T$D9t$TDt$EI9u^HH|$ IuEMDE,D$LH} H5
L}L$E,9^HD$0HE HhL^HDHD$ fHt$8H|$0'@H
A kDHUA@EiH
AA Ak1f.USHHH(HG @u)t HT$$H1S8HT$t6Ht$H}t0HD$x0t51HS8H([]@H([]@fATUSHt[]A\fDHHt1Hb0HHC
HHHH0D@ru>tIH+HHC81[]A\@Hlf.ANHDt*1DH*HS8AHA9|@APH
A[]A\fDAFu;HC @{1HHS8@]f.H
AjD1+AWAVIAUATAUSHLHMAtAE(E9\DD9[ImHIG
1Hp$uMt%I}6~AU0yEu0AE,H[]A\A]A^A_fDEaA9XIHQ@(GIDH/IADHsxZAEoL1zf.HAtd1IALAW8u
H[]A\A]A^A_u
IG @u8H[]A\A]A^A_IG @IHI1HI_xHLHHHD$t1E1H*@H|$HHItH|$9|H|$w9|H5<5H|$CLH55H|$MIG
1Lp$IL1KHAAWAVAUATIUSHHo
LgH}8Ht>H}HAHtH5NWHEH1AL}HhfHuPHtHUX1LHu`HtHUh1LjH[]A\A]A^A_fDA9t0H}85M@1MHL~yfIE
AH1IA>LAU851H[]A\A]A^A_@IEAHIA@L1AU8H[]A\A]A^A_fDIEAHtR1IA?LAU81_fI1"%I1bI1f.SHH
HtSHHD$HtC@u
Kt`tHHHShH [DHHHfDH|HTt$
HDHTt$DHHHhqfDHH1SATUISHH GtZt1H []A\f.?u1HcESHH9~.HE<lufD?
ufHU|Zu11LYHHtQHt$H|$HH<jt8TxDfDHD$|^D$01fff.AVAUAATIUSHw HHFHnu
1 LEWHHAxEt1[]A\A]A^@ts~>MDLuHDH 1HS8tLHHHEutsx9[]A\A]A^MDLtyH
fDMDt|L
1HS8!fDMDt0LfHDsHDIHDImAVAUATUSHHyHD`ADsHHHHSHtrEiHC
@@HIHDMLH1HS8[1]A\A]A^fDHC
@EEeHDDEIL9QHrHILHHZ/HDHHJIDHH>LHHDS8Ax!HDIGf.[]A\A]A^fHtiHHHC81[]A\A]A^DIAt$LdE13H
dMH1JHHD6AWAVE1AUATIUSI1HLn(H|$@L9}6LLHHLAT$HtHLItHD$L81Mt
LH[]A\A]A^A_1IfAWAVE1AUATIUSHAHt$`HT$PHLhLDXDHLL(HDHD
HHD0HDHD$@H$HDHHA9zH$DIAA"IV HL$(B L$`LKIH|$0HHHA
1DLl8D|tLtxIHtH8ufDLTL9qum9uKH,$HtBLjHHH_HHt$@H|$HHHct4$HD$L,$HD$
DDDDAf@ADH$HL|$`II?SlLHL$ HHHT$hH
HTXL
HT$(L$
bGL|$PI?lIF I@ ,I1L$L}9L}HHtItHDGLI9GLH~uZLH:tLH&tIHgIHLI^ HCHu
1 HgFHHZHFHD$PH(1|$H[]A\A]A^A_DIAfD$ AI^ DDHDHCu
1 LEHHBLEIAHD$8
|XEI9E|IHHouD$ /DdpLd8BI{HHLHuIHIr{9|IF
Dd$p@t^Hl$8II~DT{HHyHH>uIHcAI~{A9|D$ubADLpDHt+LcDHHyAL$@|fDHlDAmHT$0SALd$0D|tLl8
LtxDpD$
$1AfI$#zA9I$D1zH|$8HCH{IHuBf.H{y9H{y8uHxLuHD$8HHL+L0MMA}d1A>H$D$I}My9I}1HyI$I~5yLH\I~
y9|D$9R@L$Hl$=]D$A$IvHtufDD|$tLl$8Lt$xS!TpTL$p
L$1T$*fD|tLl8HLtxIEHHHA>fMn1ILw9Lw8uHpLu9L$H\$
HD$PHIFHHMmHAHt+H@HH*~yAnHD$XaDHG
H@t<AWAVAUATUSHHhu/HYHh[]A\A]A^A_DfHvDxHD<E1HDHD8HDHDHHD$
f.HDDHD$@E1Lt$XvHHHHZHCXHHt$@HHHt$@HHS`u5E1H|$@dLdHHh1[]A\A]A^A_@E1HHt$@HShtH|$
@cLcHD$@D9i=AHCXHFHHD$HD$8HD$PHD$XL|$P~HD$(HLLHD$DsLL$
LD$(HL$0Y^uXHt$(HHIcHLLARLL$
HLD$(HL$0LT$8cLT$8H55LOtXZHt$PHHD$HHt$@HL|$XHHD$8D$<S`fMLHS`LHLHSh8dq@H1S8H|$@D$
(b1bD$(HAD9l$CfD1Aa1aD9lHDHt$PHD19fAUATIUSIHHt

6i115LFsHHHHht[Ls9|HuGH
}Akkn1?DLrHHHluMtHLslH[]A\A]H
!}AclnH1[]A\A]fAWAVIAUATUSHXHHHD$7rIp6r1HHu
AtUH
|A<DjE1IA1XHXD[]A\A]A^A_fDMg1MH|tHD@(uGMIG
H@<HHD$<LamHIH|$D$8tmLt$I~'q~[I~HtRME1Lt$.I~DqLHkI~ApA9|IG P(?%BD$
,HDHD$,D$$HD$0HD$H.tIYpA;H
zA<DjIALkI
p9DD,D$,Ibo;D$Lt$M@I~o/AF(t
EN0EsIAoAAIL1AW8IRoID$D$$!
|$7E1E115fDIHtMcL9WAA19\$InIIG @uAt$uA2Lt6MA%AL1ILAW8$cIHtIcIcHH9A A9\$
Im$IG @,I1L5x1mH$D`HDHHDD9}|IG D$HDh,E~gHL$E111HtAL$HANHA9~3HA1IADLAW89$I
mHHIW Dj,EIHt&H$bADOAMcC;HAH1IACLAW8IH1E1A;|IG $;H 4$1L5tIG @ MAL1IALAW8_IW B
{rMAAL<Ik)tS9T$u&D1AMA(LAW8I4kDl$$ID$(DDAu k;l$HD$MHILH|$0AW@MkD$(D9E
$Lf.IeHyuA9|H|$AtuLt$I~Wj~+AA9F,|Lt$I~ AF,0uIF HD$Hxj~&HD$AM9H0|@0DMLl$HLLd$1LA
$A9LD$,D$E#l$$D$$L$eIHi;D$A
|$,uH|$|$,%1AMALAW8a1AMA"LAW81Ht$HHt$HLU`IHt$Hdc$1H|$HHl$HA1HSA
Dm$IH@(EIDhHIADHD$,ADLcIg1AMA&LAW8Isf.Ipag$Iup;l$jHD$1DL%g9mL#gLIHLAWHtLLLl$tL3fDDT
$8EE=\p$LPSGMALtIzf^DT$<A$D$$D,$EA9LHt$HH|$UH|$HptdfAFD$,H
1pADj{H|$HupAD$,DD$,H
oATAjG{AIG
HP@ HLLI1haLAWPRIG II1HHIG0HLItdIkdHt
twHyHI^LH$/DhAE~"L.H<$D$.9D$g1AIAHLAW8[IcP9;D`IAt$cLMLHAdA unIG @@
DuP11UH7HH$u4@H<$DLc8AH<$&cA9|H<$hFLHet/1AIALAW8kD9}]A@AIb1IALAW8"@(?D$@@LTLAI
G @sLAWpAd@EJDH
lADjxAD$,A@H|$lIHT$HAaADLb-HJ5AvLD$J-H259D$dL]HI8DHi-HI3H
LQLmZD$,;I`BH|$HkH
lkAAjvAD$,I`HRD$<7D$IsEeA;A\`AIL1AW8D$<I5LA[H
jArAjvIA1[IW B i4pIA_AIL1AW8AZH
jAjE1yuIA1sMZ1D$8D$<H<$bBE4@4^{4}IA^AIL1AW8SA^AIL1AW8'L]HIt\HD$HxTH4$LiL4
OLWrG^AIL1AW8AkH
hAAE1tALYHIGD$8D$<uLrYI]9D$AmH|$
HD$A@(uD9FLD$,YFII1D$$C]H}HD$%]AH}]f8Ixu|HpH|$}5~jH} gD$$IHE ALuE,\A;~
IXHgA;I(A9YAAVAUATUSHHLH[HHHsHVH{3H{HS j,~2HH$QOHfHc;[MtI|$[H8[]A\A]A^LHLkI|$
dfll$,HS1HID$ IDAAD(uAL$,uH1HC 11LHHu5MsLAH1S8$@M
1LHS81fD[]A\A]A^HCH1HBHS8m[]A\A]A^H1EHC
11LHHAD$8LHS8fDH1YTfDH
dAAoH
cA
BGoEMLt$1HHS81ZH1XH13AH
>cifH1X1HHS8H1iXIwHLHfAWAVAUATUSH(HHL$oHH^HH}HoHI!HI!LHAZHHHHkHHMt&LHFLHE8EHI
LH_7H LHHt LHHi LHHE1LE1,DDHHLAH)D9H< IHDH
fDAL<VA9DL8VH4$HHHDuHCHHD$t HL%DuH|$gCH
q`AAikLE1CH(L[]A\A]A^A_fH
1`AiE1kf.H
`AiE1lkf.MtHD$HyHLL/c2fH
_AiE1k3H
q_AniE1jH

A_AiE1jH
_AiE1|jH
^AiE1LjsH@H@ffffHHHHHt1DHHHHwff.Hwff.AVAAUIATUSu$JuXA[D]A\A]A^fDOvtzuD`EuBXu;IE P uh
IE HuXtdIE p uh @H
\E1A]y\h[D]A\A]A^DutCtQH
\AwxE1hH
q\Ajyg11D11uDH5!\H!Ht H@H
[AAHD$bgHD$ff.H Hw(HG@H*HGxDSHHHt
HH{ HtHt`HC HoHH5|5H>PHHHH[f;
fHt#SHRHH5Z[=DfDHATLUSHH7HWHOHGHG(HHHHHHHHHHHHFxHV8HHHHHHEHGHHF0HHU(HC@
HAHHEHC8HE HHC0HE@HHCPHEHHHCXHEPHHC`HEXHHChHE`HHCpHEhHHCxHEpHHHHC 1HuHA H
YAdHL1[]A\DHHC0HE@H
HHCPHEHHHEPHCXHHHC`HEXHHHChHE`HHHCpHEhHHD5HCxHEpHH\}5H9v5<@HaHHGXHGHHv5H
G@HXHG8HHG0HHGPHHG`HHGhHaHGpH~5HGxH|5HOHHC HH=U^H{ HIHC P$t3LHJA fx oaoHtHk
HsE$Affff.H H GH
H@HGff.HGff.Hwff.USHHHHH5w5aKHH[]Hw8ff.HG8ff.Hw0ff.HG0ff.HG@ff.HGHff.HGPff.HGXff.HG`ff.HG
hff.HGpff.HGxff.HHHffSHHDHtH{
H[f1[fff.HG ff.USHHHH Hk H[]AWAVAUATIUSHHDH&JHHI$@tFHtHH1HS8H[]A\A]A^A_fDHs LHFLnu
uE1LLHTk~1HS8LHtBLLHy%u1HS8fHHH#Hu1#HS8t[u1,HS8t;A$1)HS8u@1pHA9|AlHHHHHHSHu1!HS8tHPA
u'HHfHC HLHPwt1HS8[HLx6DHt!16HS81HKHIH3LtHCHs LHD$HC8LH$HD$8LLL$LGpL
GLIFpLFLHInLu#HH5Q!ffffff.H5qQoffffff.HHH2H8Dffffff.H6H?DDHt{SH5Ky5HH0EH{8H5lEH{HH5PhH{P
H5PiH{`H5PjHH5Pk[fffff.H5PHVpHt!H@,HH$HH
QPAXAHD$j[HD$USHHH5PHH?H5PHHHH[]fHGH HHEHGffffff.HH!wHGff.Gfff.wH
'hH$ww(fff.w,fff.HGff.HwHOfDSHHH0Ht>H[@Ht$^CHHC01HHt$ufHAUATIUSHHH0H5v57CHtj
C1HID$0u7wHCHfHItVI|$0HA>t]HRC9|IL$fDID$0H[]A\A]H1[]A\A]1DLD$$D$fffff.AVAUATUISHHHAHt:E
u5HHRHHHF1=HtZ1H[]A\A]A^HtH8HHu3I|$8H5AID$8H[]A\A]A^|LsI|$8H5{LEAMID$8tEuHL;LHHHRI|$8Ht
ZH<yH5LFHI|$8AI|$8D$n=ID$8D$8@@HHID$8uH5WLAHR1ff.AVAUIATUSHHHAHt:Eu5LrHHHIG1o<Ht:1
H[]A\A]A^HtH6HH[]A\A]A^|+LHHKH;HHtI}8HHn;uH5kKFHfI}8m@[I}8D$(<IE8D$j|Hpt
HnDH=EW/{?HHIE8eH5JAH1w@fff.G@fff.HGHff.HATUHSHHt0LfHHI9tH5uJsLeHHCH[]A\fHtH5LJJHEHA
UATLoXUSHHHtrHIHtWHJLHXI1Mt'H{PH5I
MLcPtHkXH[]A\A]@H4HE11AUATIUSHHHHttHt1H[]A\A]HLohHdILHHItH}`H5AI?
MLe`tH]hH[]A\A]fHLohtHuH*4HD1E1f1fff.HGFtGAAATAUASHHv
S$K({,EIu U$AHEM(},HSHEHEHUt
HE1HCHs0HE+HEH}0>H{8tH}8HsPHtH}PHs`HtH}`?[]A\f.f.EGtDM Euu
tCE$u<U$u9E1HEtE1},th1ft}(uE1M(HEu@tu
U$tM(HEAt},fHHH}8H5U;HE8H{8Ht"H8H5Q8HHE8tKC@E@HSXHsPHmt1Hs`HShH[]A\@H1[]A\u
U$E1fEHEHCHs0HEfDH{8tZEH}8H5}A:HE8H{8HHVH5o7HHE8eC@E@HsPHEHSXHu5Hs`HHCHs0HELH{
8MDHsPHuD.,fH519HE8H{8H!E1(DHSXH1DHs`HEEDH1SfUSHHoGkH[]ffff.USHHHH|Hc1HtHHH[]G(fff.G,f
ff.Hfff.SHH=
5Ht@H(2yH=5H3[H=51HH=yd8HH51Hu[H=5HtH8Hf.#HcHA#4HH)HHfDwH=F5y8fSHpH<$H=(5HHtH@1y,L
H5"4HpHp[fDH=58Hp[fff.HH5d5H=5i7H5HHtCSHHH?HtH[!Ht$FBHHHHt$uH1[fD1DHtH3f1ffff.HtH
f1ffff.HtH(f1ffff.USH1HH0|7f.H}06X4H}069|EPH[]ffffff.f.H?HG ff.HG(ff.HG
ff.HG(ff.HGff.HG8ff.HG0ff.HtHGhHHtHXH:fDHXgHGff.HtKSHHH9wt'HOHHtH{HDHtHs1HH[1ffff.Hfff.Ht
H9tMf.1ffff.HG
ff.GP"HtH?51ffff.AUATUSHHtaL'IHL49A|=DD9t0L4H8HuH[]A\A]f.H[]A\A]fffff.USHH>HtHH[]HFfDH[]@Ht;
USHHH?49}xH;H[]4H1[]1ffff.HAVAUATUSIH?39}~xzI,$H,,HI39AAD$t?u]AFD`HAw3D;`}D9}@H[3hD9u[L]
A\A]A^fDE1[L]A\A]A^sH%3D`ffffff.1HAWAVE1AUATIUSHAHL7L$L2L$EAEx
A91L+HItahHL(t,EH[]A\A]A^A_fDH

q=AAqGHL"H1[]A\A]A^A_fDtsA9DLD1hL@L19`L1@9uCfDsL1hfDu1A@sL}1hDffff.USHHt5HHt-
HH?bHHHH[]H
9<A6CsGH1[]fDHAVAUATUStHHAIutE1[D]A\A]A^E~ AuBy
L&H{LHtAAtAH[t<DkfDH;E1H{ADLHAyDLFCbfffff.AVAUEATUASHIHHt;HHt3HuWH9]tH
1HH[]A\A]A^Ht$>"HHHt$tHIu5HufDDLDHtH}uH]fDDLDHotHsATUHS1EHH1Ht"L$0DHHHD$D$H[]A\fDA
WAVEAUATIUSHH1AHIYHt4HLELDHHHHH[]A\A]A^A_H
9AwDH54
H11bDATUHS1EHKH1Ht"L$0DHHHD$D$H[]A\fDAVAUEATUHSAIHt0HHELDHHH[H]A\A]A^fH
8Amr1Cff.ATUHS1EHkH1Ht"L$0DHHOHD$D$H[]A\fDHtH1ffff.HtHGfD1ffff.ATUHSHAx]HHHt61E~%AT$H
pHD9MLcLX-BD%[]A\[]A\ATUASHHLHtDHH[]A\HRf[]A\fDGHtGH1DHtGH
[(1DHtGH(,1HtH?Ht+fD1DHtHHtH8;.1DATUISHz!{H56&HcqHHLH8x<Ht$Hc1Hl$MH5y62HHHH[]A\DH
Q6A,v1@H5.6-HH
6A'A1@AUAT1USIHLH55Hc>IC<$H55H?HcjHHtJHtEHt$LH\$LDHH]H5v5IHHH[]A\A]H
Q5AAA?H505BHH55HC1AVAUATUSHHHHH'*=+tn=AXAXAXX@H7D$tSHT$1tAD$CyStj=ADSHHH1H[]A
\A]A^fDADADADDl@APAPAPPL@=Y=}=AAAusA1A1A11-?wFAAAf.AAA@AAA1t Df.DATUHSIHw
HHc<t[1]A\HMHHH=YX5[]A\HIHWHHw8H=U5fDIHWHwHH=R5fDHIHHRIIp
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H=W5fHS5d@HIHOHIHw8H=T5R1Hf.IIHOHHw8H=T514@HIGPHOhHXRIIpHH=T5Hfffff.IIGPHOhHWXHw
H=S5ff.HN5@HIHOHwRLH=Q51/Hf.HHH=R5qfffff.HHH=R5xfffff.HHH=R5>qfffff.HHH=cR5wfffff.HHH=M5
nqfffff.HHH=M5~xfffff.HHH=M5pfffff.HHH=M5~wfffff.HHH=W5pfffff.HHH=W5wfffff.HHH=W5>pfffff.HHH
={W5vfffff.HHH=S5npfffff.HHH=R5~wfffff.HHH=R5offfff.HHH=R5~vfffff.HHH=[O5offfff.HHH=;O5vfffff.HH
H=sP5offfff.HHH=Q5H5R5nHHH=3P5vfffff.HHH=KN5.ufffff.HHH=N5nfffff.HHH={N5~ufffff.HHH=O5~nfffff.
HHH=P5H5R5gmHHH=sO5ufffff.HHH=M5sfffff.HHH=sN5H5|U5gmHHH=SS5.tfffff.HHH=3N5H5|O5'mHHH=
M5sfffff.HHH=M5H5T5lHHH=R5rfffff.HHH=M5H5N5GlHHH=CM5rfffff.HHH=K5H5\H5glHHH=P5.sfffff.HH
H=K5H5H5'lHHH=P5rfffff.HHH={K5H5G5kHHH=3P5qfffff.HHH=;K5H5H5GkHHH={P5qfffff.ATUISHH^'Ht!
MHHHc0HxE1[]A\D[1]A\AUATIUSHHIHEH9t(H=L5HMLHH[]A\A]mfDtMtAEo0A$@AD$H[]A\A]f.AUATIU
SHHIHH9t(H=
H5HMLHH[]A\A]>mfDtMtAEoAADH[]A\A]f.IHHH=M5lff.IHHH=O5lff.IHHH=pK5lff.HHH=kM5H5\L5iHH
H=K5npfffff.HHH=+M5H5L5iHHH=J5Nofffff.HHH=E5H5G5'iHHH=P5offfff.USHHHH1HtHHHDDH[]HHH
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HDDH[]HHH=sO5mfffff.HHH=J5H5M5'gHHH=J5nmfffff.HHH=J5H5N5fH
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@H5AM5d@HH=.M5!kAUATIUSAHHHt5HR)HHt2H{Ht"LDHHH[]A\A]fDH1nH)HH[]A\A]H6H?U5DHHtH@
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OS~
 HSHt9
@HRt R %HH;HK11ZH:L11XHH"L11HH
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LC0"H[DHt9}0HHIKHDVt9|AMfHH@Ht
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HHHSH H HH5M@5XH([]A\A]A^A_@LHH
=2AMO|$umMf|$uUC0DHHHOH(1[]A\A]A^A_H([]A\A]A^A_HH@Ht Ht&~+
4DLG01MYAWAVIAUATIUSLHhHLHtKIGI}0Ht$ AoHD$0)D$
AI}0A9D$I}0DLHH6hH}(HtcHD$HIu
H}(9}hH}(8uHpL;uHD$HtH(1}0GDH\$HtLHHC;tAD9d$9f1Hh[]A\A]A^A_fDLH}(IC@ILI}0CILfH
);5@H;5D@H= ;5d@H5:5t@HH=:51bH
@5T@Hq@5@H=a@5@H5Q@5$@H

9;5@H);5@H=;5@H5 ;5@HH=:5aSHHH0Htt8CPH[@H=Ht$HHHC0Ht$uH
AIA
}'H1[DHH@
HtfD1DHH@Ht1@1DAVAUATUSHLhMt8HHHI8HI,8LHLHL[]A\A]A^[1]A\A]A^DH9a5HHDH=a5f.AUATIU
SH5 IH(HHHt'LhL`HhHX H[]A\A]fDH
AAHD$2&HD$ff.Htu@H5ffffff.HHH
q@5@Ha@5D@H=Q@5d@H5A@5t@H
95d@H95@HH=@5_H5=54@HIHH6H
ff.H5AA5@HtkUSHH/HtLHH}1H5A5H}QH}H5{H5|HHH[]f.fffff.USH5H\(HHH
HHt(HHCtCH]H[]H
9AiA
$H; H5HlH1[]f.H
AiA
#H1[]fDH
)<5@H<5$@H= <5D@AWAVAUATUSHHH|$HHD$(D$DHD
 A=HD$H8
9DHDt$H8
HD$9Ct/OHHD$
dH|$(HCD$@HH$H;H$HH"H[Lz{L|$V)uHL$uJH<DH|$(H5GD$HH[]A\A]A^A_HD$D+XHD$H4$H|$
D$fDLt$HI~AFAIn@H}=muHcLdI^A<$mAuHD$L`f.AD$ELD9}ILmE~@ult6AD$ fDIAA}LEluD}lDAOH
A 1HHD$1|Ah@H
A 1H$fD11Ld$89DH|$(L
AH31DLHD$8}xH|$(

9|HD$H5*Hcfh
HHD$0JHT$1Ll$0Ld$8H-3HB5fDH|$(AHLDLHD$8xH|$(9|H$ ATH
AZADYDH|$ D$H
KAHA!HDAWAVIAUATUSHL'AD$u;ID$MHtI?HpHcHr
IH[]A\A]A^A_fDHHH2A1E1TI<$uD9pHt)HIH<$H'DuHLI<$9|AHs3H1DHSI|$HcHHIDAHtH33DHH@HD
$H<$H5/AD$I|$H54hI<IDfubAD$ @H$H55HH
aAA
7cfLH$fL?fHH=v55VH
a85@HQ85d@H=A85@H5185@AWAVAUATIUSIH
3H(H.HHDHtH|$HOHl$thDhPZY/I]HtIH{H5`85H;H{H55{H5$|HIEH5\(HH(HH$HHCHt$CHH)SH:HDH{H
54CH;HCCC H|$H5D$HTDCI]I$H([]A\A]A^A_H
AiA
H|$H5NH
A:
H(1[]A\A]A^A_@H
AiA
H;/H5lH;wfDHCHT$HE1HxH)H|$A9H|$D1I6fDLH;DxH]1LL9|AHN,rHH=.55aSHH9t8USHHHH1HtH;H+H[]fD
1HAWAV1AUATIUSH1HMH1H}L}L-

L</tt2H</u{yd{@=ILLM)D<D9;u.H5HzH[]A\A]A^A_fDLLu{;tHIMf.ct{=h"H59HH[]A\A]A^A_H
 AuH5
HH1[]A\A]A^A_f.ATUIS1HH1~&MtHCH@I$HtHCHHE[]A\USHtH[]H.H}dHE76HHHEH8jHtLHCH@
 HHHt_H]6HHxH[]H
!

AroHDH
A}}_H
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AmA1fH
q)5@Ha)5@H=Q)5@H5A)5@1HtiATUHSHHItCHEHtyH@(HHLu8H
AJ~xoL[1]A\fDH;pL#HIl$[]A\fDH
ARoxDH
yAN|xsfHATUSHHoHtH[]A\H8HIHH8LtcID$H@ HHLt}H
ADwDLlx1jfH
AroL'H[]A\H
Y
A}}H
6
A|H

AmAfff.SHHtHH[DAUATIUSI1HHHtHDHtGHHHH1Ht,HD$MIEt
I<$%I,$HH[]A\A]H1[H]A\A]S1H HHD$t3HHH|$t'H|$HH|$DDH
[ffAUATIUSI1HHHtHDHtGHHHHaHt,HD$MIEt
I<$I,$HH[]A\A]H1[H]A\A]1HtQATUISHHfHHt8HHLHHDDH[]A\H
AA
uffffff.AUATIUSI1HHHtHDHtGHH<HHQHt,HD$MIEt
I<$ETI,$HH[]A\A]H1[H]A\A]1HtQATUISHHVHHt8HHSLHHDDH[]A\H
A!A
effffff.AUATIUSI1HHHtHDHtGHHHHAHt,HD$MIEt
I<$I,$HH[]A\A]H1[H]A\A]1HtQATUISHHFHHt8HHLHHDDH[]A\H
AHA
Uffffff.ATUMSHDHH?tEMt;HSH5D$HzYHKD$HQLa)HHHQH[]A\DHt
IHHHtI@HxH>HtIHffff.HtHGPH@f1tDSHHHC0[H
&5@H&5@H=q&5@H5a&5@H
'5@H '5t@H=&5@H5&5@HH=&5aGUSHHnt!HH[]DHHHaGHHeHHsH1H HIH
H
 H5(5jH(HXHHHHHHHHHHHHHHH H(&AH[]HHFHH HdHhrHH`HHH H5B'5%H(iH[]ffff.H
&5d@H&5@H=y&5$@H5i&54@H
"5$@H"5@H=y"5@H5i"5@HH=V"5DH>@H?@AWAVAAUATIUSHHHHHHD$tE1H?AL|$HHLHHItjHD$HI+
UH)H~I$HHLIHt$HD$IEHL[]A\A]A^A_fEtLHtHEE1AVAUATUISHHHAHL.MtNHL~EuI$HHxH[]A\A]A^MtL
m1aEI$H1oH5fHcaHIHD$HELt$LL~qI$HLOLl$VE1.H5
HcHHD$HEtMHt$LH}H5
uHEH
z
AAeHt
HHHt
HHHH
5@H5@H=5@H55@1HHfUSHHHt2HHHHH}HtPH[]DHt/HHHt#HzHtHHHBH[]T$H4$HHHEH4Tu1H[]T$
H4$HHHHH4$T$G1fff.USHHHt2HHHHH}HtPH[]DHt/HHHt#HzHtHHHBH[]T$H4$HHHEH4Tu1H[]T$H4
$HHHHH4$T$G1fff.HHHtH@HtHtH@D1DHHHtH@HtHtH@D1DHATUHStdHLH1Ht5Ht&LHMtII<$HtXHt#
HuHO~1[]A\[]A\fD1@HIHHufKHHI$uffff.ATUHSHHtFHHt6LHMt@I|$HtH[]A\bfHHID$uH}[1]A\sHIHHufHH
Ht$SH5D!5HH8HHH[fffff.HHHt,SH5!5HHxpHHH@[fDHHHtH1ffff.HHHtH@1HHpHHxffff.Ht;SHH?OH{H5,5
HH5

[f.fffff.HHtfAWAVAUATIUSH8HP&It)IP&IH8[]A\A]A^A_H5Y
\(HHHH@HHCHC1HC HD$,ILHHD$) HHH8HtSH}HCHtUSHC
HT$1YLHHD$HD$,MD$D$H=0E1(HIFA&u%@I>5M>AD9d$-H|DwT1HHIHx=tI~L1I~LuH
A=A"LH5I5H|$oI~H55_IF|$,E1AHjLRDH
1
A^A"|$,uZHxH71@H55H|$HT$1LD$,HHLD$,CHT$1LHIxHNQHC1H55H|$-A-H
;
A"H55H|$|$,^AI|$,SHH
HHt$HH{H [Ht;SHHxt1H{H55iHH5
[@fDH{H5u58fDAUATUSHHu HHAHHaHIH5>
4 HHHHEteEu0Mt7HLmtHCHEHCHH[]A\A]@MEuHHEH@E1sH5
;HLvH
A=A"H1[H]A\A]H
Y
A6A"H1HtG@Htx9w~HcHH1ffff.HtHGfD1ffff.HtG(uHG
HG1DS1Ht1HHHt[f.HtHGHttHf1fff.HtHH@1ffff.HtHH@1ffff.HtHGfD1AWAVIAUATIUSHLHE1$HsH}HCAL
A9DLHxH=t}H;=tnH3LCHHuIHtH31HHt|II~HH@MHELHDDAH5a5LD$}D$H[]A\A]A^A_f.1@HHHpHHHx
H=@SHH@HD$ Ht$(HH$rHxH@[fAVIAUIATIUS1I|$;9}7I|$;L9hHuHLHx3u[H]A\A]A^1[H]A\A]A^fH5
vffffff.AVAUIATIUH5
SHBIHHML Hht0I|$=tUI}HHHAWtLMtI~HtpL(t,HtEH[]A\A]A^I}u*I]AeH

A"H1H[]A\A]A^KHHIFAauHHIEAS5H
ADA"?f.ATUISGH.uHEtB1#fDH}ULHZt>H}*9|[1]A\H}L,[]A\[]A\HHtuH5
\ffffff.HAUATUSHHHaH} H5EH]~9L-5E1@H;AH XH{LH{SD;e|H}H55H}H5b
qHHH5J
[]A\A]rf.fffff.AWAVAUATE1USDDIHhHH|$HHHt$HL$8HD$XADDADEDAD$ Dl$(taDD$7
ADAAt_DLC1IH$LHu1Hh[]A\A]A^A_HD$H|$CHh[]A\A]A^A_l$ADt$OA LHI?A#
LE1HxAAAt^~LHIALBAtAH@A AHxHcH9LuDt$A,
DH5@
0AHHD$AA IcH5
HIHD$ML8DpI11HHH1LHLHX|$A\$(lDl Ld$ H|$ I NIHLDLHD(J5HL$(M'H9D$
EAO1uDlDHDyHL$HcQH9ID$
fDI} IE
E1HDHD0VD|IHD(IP9D$fDIt$E11>IfI}9}HI}IT$HLHtH|$1HLHSAEu!IUHtH|$1LH"ID$9D$JAE8>E1XAI
}XA9I}DSAEHuH]tL`L"9t1Ll$L|$L9\LHHLIHuMHE&L1!HIt9HD$(HL$HLLHH@AMIEHxLH|$Hh1[]A\A]A^
A_IUHtHD$(H|$1H0xHtAE8,Ld$0Ll$@I Il$HyMfDt?HpuHPH5$
HjHVuI|$Ht.Ou'HGHthH5
ID$M}M9TILl$|D$ AEL$ Ll$9HcHI\HHD$H@HYHH HD$xL8IoHHD$XHD$IAI 1 fDI9-
IH;hIuI<$HLyI<$LkuL;d$H|$XBDHE1HpHHHD$(HL$HH|$HHH@HCPHHIm(HyfHHtHPH5
HjH<LhLl$2HD$AD;h}
IoHL;dJHDH|$8AHXH\$XR)HL$1HcAHHL`"H|$86H=H|$89|1(HD$H@
HLHH|$89H|$8HHIHIuMtI$1LHI$HL$1HHRHPIT$IHD$H@ HZHL$HHA
CAuHTDHDHHL$Ht0HHL8D$DHh[]A\A]A^A_#HHI$'HL$La,IoHHDXHDHh[]A\A]A^A_DAUDHDDD
2HD$AHqAHx
IcH9DLHA H
HcH9L-HL$HHA6H5
HAH
A"eHD$HHxKFfDHH\H AO+AO+H|$8H\$XA@HD$H(T$D|$D=AHD$D|$DA@H3H5Q4@USHHHHH

Hc)HqHxHc9HN)DH[]DATUHcSIHH{+EA8${HH@A4H:L5uH9uHcA<u@|
u9JIt$Hc@|u!H|
uu[]A\9|OHcAt
1t|w"t=u"A/?tCtu[]A\Af@u!8u[A]A\fDAA1:fDAAAATUSH HH.t;1EtrHEHH []A\HCHwX1HH1)
Hc"EuHUwLd$1L1)HcHEH@,)WHSR1HH1)HcHCH@)Ld$1HL)DH []A\fLd$1L1)
Hc(fDLBH1E09D7rHrHcHH9LBH1E09D7rHrHcHHxHzLd$1D79E4rHrHcHcH7HzLd$1D79E4rHrHcukHcH@)
@
tHcH)@ tHcHJ)A tHc:H)A tHc:Hfff.ATUSH HH.t31EtjHEHH
[]A\HCHw1HH1)Hc,EuDHUw=Ld$1L1)HcHEH@,)af.HSR1HH1)HcHCH@)Ld$1HL)DH
[]A\fLd$1L1)Hc(fDHrHIH1t
1A0tD1fE0Ht1A0HBtHc2) D7Hc
HHrHIH:1t
1A0tD1fE0Ht1A0HBtHc2) D7Hc
HHrLd$LH(1t 17tD1fD7Ht17HBtHc2)A D4Hc:HHrLd$LH1t 17tD1fD7Ht17HBtHc2)A
D4Hc:HZA1AAND9NrLHA1AAND9NrLHA1AL>D9M<rI<HfA1AL>D9M<rI<HfAWAVE1AUATIUSILE1HH
D$pT$$HDHHDHDPHD$vA9'DDLmHt~HhHMx9\$$|yLcT$$HD$1)J<HcHm]xJ9\$$|DLcT$$HD$)J<HcwH
Hxt$$9}fDH[]A\A]A^A_H|$)HcHcLOH1LZT$$xHD$H<H<Hcl$$H\$`LJD9DLFHLHI
DED9D$$EMc0T$$HD$1LL$(D)J<HcLL$(IIDD9D$$rEiEMc=T$$J<D)HcmHt$HH5Ht$H|$HALOA9@HAHLD
$0HL$(HHD$8HL$(LD$0HAsH|$LK)1LL$(T$0B
LHHt$8H|$H|HDLL(L$0B8DHqH|$LHL$0LD$(EHL$0LD$(HAH)HL$B
D)1AHHxt$$9|L\$Hc)HcH|$(Ht$0MIHL1D$$xH|$(HT$0H;HqH|LDD@LL$8HL$0LT$([HL$0LT$(LL$8DD$
@HA)HL$B DkHAHLLD$@HL$8HHD$HHL$8LD$@HAtdH|$(L\$)HT$0A1LOALDT$@AG
LL$8HT$(Ht$HHLL$8L$@BHT$01LHT$(Ht$HH_f.H1LcHt$8H|$H1@HqLHDD$8HL$0LL$(
HL$0LL$(DD$8HA)BDqHuH|$LLD$(HELD$()HL$BDAWAVAUATIUSHH(9~SHAH]
L-
L=F IfDHELIOH1LLf@;]|HUH5
L1I@H([]A\A]A^A_D1}H([]A\A]A^A_fD1wHcL|$AM7)t19A0rL$T$H5
DLDDL1?@HcL|$XH)LH~|$8|$-|$|$|$|$|$|$|$|$|$|$|$|$|$|$H5E LH5E
LH([]A\A]A^A_fHHTHNHH)19H9rfDHIMH1@t
A @tDfE H@tA HET)IL7D EA D!AE%DLI1E 9ErHE)IL7uT
zfTf.A1AAN D9OrMH(DfD
MoDpA
AN1DAADH
AC H5:
L 1<CH9}9D$~\LcLKT/K/H)DxHMcHH
:
H5
L)LHB8C 1`<H9uAAD$,D$D$
DDDDT}HAVAUAHATUSAH/AIIHtw~HGL0Axp9|l1HcDL1)Hc=HCHXA9|>x:1HcFDL)HcfDHoEx9}1[]A
\A]A^1HcuODL1)HcH[A9|x1HcDL)HcDHuL\IHEtHcU)A DHc}HtIvLIIFtIc)A
DIc>HHsLHCtHc)ADHc;H.HsLHCtHc)ADHc;HH
4@H4T@H=4t@H5y4@H
4t@H4@H=44@H54D@AVAUIATUISI1MI}AEHkLItyIU)HBHHHB~%HRHc D*IU)HH
BM,$[]A\A]A^DHHIEkL[1]A\A]A^AWAVIAUATIUSIHI1MA$HHID$H84HyQLcMAK,}HcIl}|HcIl}_HcIl}}B
HcIl}`%HcIl}CHcIl}&HcIl} HcIl} HcIl}
HcIl}t{HcIl}tbHcIl}
tIHcIl}gt0HcIl}NtA?L7H91LLLLLIt$MAHHBHHHB\H~LID$LHIAHHIADEHD<_D!9u)HH
IAM&H[]A\A]A^A_H91LCt5It$HHBHHHBH~1LLH1[]A\A]A^A_H9LLDLDtIt$H>HGHHHGDUIDbfDu)HL

HGKl}JHcIl}x-HcIl}[HcIl}>HcIl}!HcIl}HcIl}HcIl}HcIl} bHcIl}
EHcIl}s(HcIl}VHcIl}9
HcIl}HcIl}A}LfDHDHLHHILHLHL$HHAjIL$f.ID$HPHBHHHBffDfDH
q44@Ha4@H=Q4@H5A4@H
4@H4@H=4@AVAUATUISAHHd$
@ttAD1Lt$
 fDL9}ALHHD9(uHxIcLuHH[]A\A]A^f[HHt0HxtdH}HtCHt$
D&ItHLuH1IHH[]A\A]A^fKHHHEuDHHEu1Ht
 HHtHJHt:~
fAWAVAUATIUS1LHHLDU9DLNHIAT$H

H5
H10I8~JH@P3ATBbH5
H3xIFH5>
H
xIFE1H@H$HsA9H<$DnT$H

H5k
IH1O/A$IGHxF1DHAt5H5a
H~wIGHHxDHH1[]A\A]A^A_H5
H1wL9VH[]A\A]A^A_f.T$H
9
H5
AH1q.Z@T$H

H5
H1L.5H5E
HvAH<$IO1*1DH%IGH5
HAH@)1-H<$Afu<H56
H
v@uH5J
HuH5`
H1_-f.H5!
Hu|@H5
Hud@H5
HuL@H5
Hiu4@H5
HQufff.USHHtCHXHHt7HStu5HtH[]@HufHHCu-H1[]@HtH[]fH]f.AVAUAATUISDHFH
HH@HL`MxHHH}EHDsLDIAD|HU)HBHHHB~&HRMcB D2HU)HH
BHLH[]A\A]A^KHHHESH1H[]A\A]A^HxuTHItAt.AuH5HHEL`fDH5HHEL`fDHD$$D$mff.AVAUMATUISH
wHHH@H~L`Mtyt1@LLH|LtHt$Lt{H []A\A]A^1H
[]A\A]A^HxuHIttWuH5HHEL`NLLvfDH|$D$D$@H5YHqHEL`fffff.St:u%HtHtHtD9?v'1[f.fHHHtf.HAWAVIAU
ATUS1H@L`9~iL\HLOHMHLc!(HpHyHcA9INLuA9xH[]A\A]A^A_x1f.HD(Lt$0LHD$9D$(t$(H|$0HHbDT$l
DThDTdDT$`ET$\ET$XDT$TD T$PD
TLDTHDTDDT@HED
T$,DT$<DT$8DD$HzHCHmZLxLLFHLlpL$1HD$L9GLLILHTLLHD$
LHTLH|$ HLLHt$HLHt$HLpt$,QHcH4L$8(HcHt$<HcH|$@HcHL$DHcHt$HHcHg|$L[HcH>L$P2HcHt$T
HcHL$XHcH|$\HcHt$`HcHuuL$dxmHcHuTt$hxLHcHu3|$lx+HcHu|uH|$HL0A>T$Ht$L}1fDLpLHt^8uYD|$L

$H\$pHLHDHLHjDLHTfD$(H|$0nDlDhDdD`D$\D$XDTDPDLDHDDD@D$,D$<D$8D$5fff.AWA
VAUATIUSH(HHt$IE11LMK1A)AILAU8D$H5LnL&HIH|$A9,H|$DH
 HDu7M1A)EILAU8D$H HiH51fH@8LX9}rLZH HI8H :HHuIG8uM>1A.EILAU8D$H|$AA9H H1MuH 9H
HPuHLnx1A.EILAU8D$u9H
7
AA"=AfD$E1LD$H([]A\A]A^A_f.IG0LHLHLt1IGHpHAHHxt^H9tYHHLtHLuAM1A.EILAU8D$8DHLkfD
1L9,LH@8L9|fH59L!LHID$H
AA"M{ifDH1L HD$MVA1fDMtq1A.EILAU8D$.H 9H HP
uHLxD$DAWAVIAUATE1USHH$HHHDHHD$
ALtA9DLpHH@uHHUHrHt$HDIHERDT$\DT$XDT$TDTPDTLDT$HD T$DD
T$@DT$<DT$8D
T$4DT$0DT$,DT$(DD$L$1\$`Dt$dL|$hH|$9L|$DuLLDHLHHHtILHT$ LLH4$H|$LHt$
LLH<$LLyt$(gHcH7|$,+HcHt$0HcHL$4HcH|$8HcHt$<HcHjL$@^HcHA|$D5HcHt$HHcH|$LHcHL$PHcHt$TH
cHuxL$XxpHcHuW|$\xOHcHu6t$`x.HcHu|$u$fDH<$LLt
DDH|THt$
MH|xHtT1H[]A\A]A^A_H5LLLD$0AD$\D$XHD$TDPDLDHDDD$@D$<D$8D$4D$,D$(DDLHT$
Ht$= HT$xH|$H|$DHLgfH\$Dt$dL|$hHIpHNH8Hl$
HLHHH=yLHH'cjf.AWAVH=5AUATUSHhH$BHIH<$HD$8E1L|$HD$
 A9H<$DHxH5
HcH
AAHD$H}H5H
1,5IMH=
LufH|$HDF>H5
LhH<$AA9BL|$L%E1Ht$LHcL t 1f.H t txHAHD$@|$LHHD$(T$2D9T$a-/ L|$A
H

t"HuHULEL

H

H5
1RXZH5
LgH5M4LE1*HhL[]A\A]A^A_H}H5
`H
AAHDHL(H|$FHDH5
Lf f.LcdHt
ML&HT$8I9I:@HL$(H|$AHDuL|$AFHcT$IL t u,1fDH4 t
tDd$AIcT$LHtHLHT$&D;D$HHTLA<LdPHLLL$9H|$(ALHEHL$(H|$MHDdL|$AO@H}H5
H
AAHD$H}Ht$ 1HT$8D$4
t uHJfD1HH t t=HzH|$8::?B t uHBDHH t tH5
H|$8H\$40IfL|$AH
1/H}H5
}RH
AAHD$L|$AH
V
A"b}L|HT8H
,

A"E1/HuLEHUH
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L
)
1oY^L|$L|$AH
H
AA"L|$ArL|$AbL|$AH
]
RL|$A6L|$AL|$AH
!
sHtSUSH1HfDHH@tH9|H1[]@H[]@1DHt;H9t6Ht)AVAUATUHSH~t*[1]A\A]A^1Df.HHuH5HE1|DHEHHI'H-
HItH]t1IFHpIEHHxtH9tHK>AHA9s[]A\A]A^DUSHHHHtKtBH{8t;HHt/Hg~#H{8tHHH[]1fH1[]ffff.HtcHt>ATU
ASHHt<Et+H~+HH1[]A\>fD1DHt[1]A\DH54q@H54q@HH?}AVAUH
6w
ATUHSH5
1HHAH`8H;HFDH
v
H5
ID1H"HILGML
H
=
H5F
1MLHH{tMH
rv
H57
1DHHsH&%~rH5*#
1H~]DH{tNH
v
H5
1DHQ~-HsH$~H5"
1H,f1H[]A\A]A^HxHm1L
u
LMfffff.AWAVAUATAUSIHH>Ht$ twH
[u
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1DLp
HD$ LH0H5!
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oHD$0D$HD$(HD$ Hx9DgHD
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pt
H5
1DL H
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1DL I6LH5!
1LY I~HtDLmDLtHD$Hx
9DHDD|$HxDAH
s
H5X
HE1DLD|$H{tPH
ns
H5
1DLHsL""H5"
1LyH;HtAULH{H{H
r
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1DL$T1Ld$L|$(DfDHL
F
H
r
MPAWH|$(H5:
D1ZYH{9 H{HIB?ILLBMsH(r
IPIAWLvH

r
H5r
1DLE~y1L=q
-fDLL ~YH5
1L~DH{9H{H5
IL1DLH[]A\A]A^A_Ld$~ffffff.H
14tU@H!4f@H=44y@H54Dk@H
A44U@H14e@H=!4x@H
I4U@H94e@H=)4x@H
4T@H4te@H=4x@H54j@Hfff.USHHHH?H+H[]fHGff.USHHHHHkH[]HGff.USHHHH[HkH[]Hfff.USHHHH?lH
+H[]fHGff.USHHHHH5a4DHkH[]fHfff.USHHHH?lH+H[]fHGff.USHHHHHkH[]HGff.USHHHHH54HkH[]fHG
ff.USHHHH [Hk
H[]Hfff.USHHHH?\H+H[]fHGff.USHHHHH5Y4HkH[]fHGff.USHHHHH5Q4HkH[]fHGff.USHHHHHkH[]AWA
VL=
AUATE1USH1E1L5HHt$-fHpAHtLAAH9}qHL@LLtH=
LHpAHtLAAHD$HHXHtQE1EEASE1HHP1HkL{L3iD8u{H[]A\A]A^A_H
1
A^xw"HDHDH5* 1HP1HH[]A\A]A^A_f.H

Ahyw"1-H0HXHI=HEMI6H-KHHD*HHhHIHHrAMlRHyBE1AXPH
At{w"1=HHtH!sHIE1H
AAw"H1LgL~LpL(WH
D

A~zw"E11E11E11E1f.USHHHHT$Ht7Hc0Hx"HT$H=HHH5
.HSHsHtHT$1HD$HCHt7Hc0Hx"HT$H=
HHMH5n
5HRHD$H[]H
Q4M@HA44^@H=14Tq@H5!4dcAVAUATUSH >HT$wWH
HcHDH~H\$ HH5HT$H=
H}DHD$H
[]A\A]A^HFL`LD$ ALlHB
Hl$ L1L5,
I\$If
LHH
H!%tDHJHD@:HLHfKL1f
LHL9uHT$H=
Hd1DHVH\$ H:HT$H=
H&1HT$H5
H=R
1~fHFHT$H=
HpO1MHFHT$H=
Hpw1HT$H5/
H=
h1fHT$H5
H=
81fHFHT$H=
Hp1HT$H5
H=^
`1^fADHl HA$H
HPEL$1ED$ZY
fAUATIUSIH1H'fLHHLeHL9|HtHH[]A\A]H[]A\A]>AUATHt
USHHHHcHDHFHXH5
1FH[]A\A]fDH5
1"HsHH[]A\A]fDH5
1H[]A\A]fHFH5)
HP1H[]A\A]f.HFH5
HP1H[]A\A]f.H5
1rH[]A\A]fH5
1RHsH1EH[]A\A]H5Z
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HP1H[]A\A]f.f.H5
LkL%9
11LHHfL9uH5
H@&@KH5
DKDC1I@AWAVAUATUSHMHIIMHH

HcH1Lf8HAH

wHC+2;LCrHI2_HHCHxHSILHTWHTHHBtYM)H
LIc-?HIt7Ls1H7H5b
1LIKHCH8M@H

9
A"TDHIHCtLqLL2H
AA"M1HH[]A\A]A^A_@tHILL5HHLHDHLALHL$ttHL$LH5H
=
A"UfDELHCHH
Av"H5L1fDH
A"wfDL$F]HHDL$3H
n
AA"4HC7f.H1\cL{HL4+Lf.1s1L4f.H

AA"H5
L1Lr1L74NfH
A|"1MAWAVAUATUSHLyHYM1IH5w
HHIEu*HEM[LLH]A\A]A^A_H5
HtH5
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uu"AH5H1xH1[]A\A]A^A_H

A|u"ffff.HE1HH1mffff.AWAVIAUATUSHHH<$H`w1AuHI1E8w@H<$LHHIHLqD9DLwHxH5
IuIwHtH=C
uH}tH}HUL$xH}"HL$HL$dHIHUvLD$kDL~)LL$2vLHpL$9L$uLqDH
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AA"i1qxffff.AWAVAUATUSH(H|$HH4$HT$u1AD$|sHI1EL-xs
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OH$H8tHxH0C\$IYDL?HFHHH:VHI)HXHLn,0L-
?y\$;\$H(L[]A\A]A^A_@H$H8HxHxHA\$xfDH>HHEHDHI$?HAcMUHHLxHLmqD0HA>Av
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AM}z"E1E1s@HxHtDH
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AhAz"MlE1@H
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ffff.AWAVIAUATIUS1DjHI|$lo9I|$hoHHE1H0tHIH
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SH+=fAUATIUSIHHHtaL
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L1%,H'H9AWAVAUATE1USE1HHHHHlA9DHlHtzukH@HLxHL$HlA9}NDHlHt>tXu3H@L0HxLx4Ht$LAgf
H1[]A\A]A^A_AfLpLH@HD$IdH[]A\A]A^A_@f.AWAVIAUATE1US11HZfDH<$HHH^LH[HILHI~SkI~94JkI
~I<kMAUIMHQL9H$HH@L(H@HD$LL8ylH4$L(\Ht$LKH%xHHfH

A1A"1}1LuHH[]A\A]A^A_DM}L<$$LhLl$?fjI~p
jHt8uH@1HpH8N~@H
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iI9iIIED$iMIyAeIFHH@HL$
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5Ht5HT$ HL$(HHHAIFAEIEH
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4/@H4$@@H=4DS@H54TE@H
4D/@H4?@H=4S@H5q4E@Ht[USHt)u<HGH_HtH[]fDHH[HHHuH1[]1DrHHEtHf.H'AUATUSHHGLgHHHHI
HfHIEt8H8nIEHxHnIEHhI$LHx^LmH1[]A\A]HIHHHf6HII$t*H=scIEI$Hxt9@1H[]A\A]HXd1DHUSHHH/Ht6Et
/t
1H[]H}ctH+tH[Ht/t)uH{btHDH[]@fHUSHHH/HtVEtOt*H
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Aqt"yx1H[]H}GbtHtH[Ht/t)uH{btHDH[]@fAWAVIAUATUS1H8HD$(HL$(HHHLLa9LaHxH56v

HcAL}H=p
LH5LWHcI<7@< t F1@H4 t tHcA<-PLcK</7 t u 1H4 t tLcK</H5)THLVTHLHcA<GH5u
LEHL^HIHL1HK4/1HD$(H5Hu
LMH/H|$(HQHHHyHT$(H<$HDm?HD$(L_99H<$ 1H}H5ct
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1Ht3H9t.Ht!USHHHt1H[]1DfHuHHpHEHx0tHCHpHEHxffff.AWAVIAUATUSHHHO\BI~87IH'H\I~81H\L(HM
GLGQH)1IILAV8A I$H05LhD$ID$H0H@D$H$AH[A9DH[HH(H(H8su-
1A)EILAV8AOH(H0HL>)H@H8,AHD[A9\H(HH0Ht9>u41A.EILAV8AH(H@HtO8uJEILA.IF8H[]A\A]A^A_1f.
AE1HD[]A\A]A^A_MuH<uHE1@1A.EILAV8AE1AM1A.EILAV8AtH(H0HD$E1hH<$s1A.EILAV8AcH(H@
HDHDHbD$E1!AL$t_LnDTtwH@DHD$E1D$H$>E1H~LD$tBH(H08+H$HxH4$D$tIH(H@d1A.EILA
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H(1A.EILAV8ADHlHaAWAVAUATAUSHHHWME\HW4Ht$HEH[aHL`D$HEH$ELhE11HE1LW9}pHNWHIH
(HI(HHtr9HHH9HV9|MtKI(HHHt:t.H@H8fD1Mt1H[]A\A]A^A_HMuMuhE1E1D$E1D$E1AE1|$t)HD$LaEt-
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USH1HHIu+~Au7~u1LHtGHT9}CHTHp>CtLu/It$HuLE1SHL[]A\A]DH
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ttA"fH5L1E111HLH6DH
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fDH;uMDDHH[]A\A]A^oE1SHOH=Ub
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HuWH
fH;uHA@Hw"IDD[HL]A\A]A^;E1H=/a

HuZHA
fDH;GuDKIDDHH[]A\A]A^E1cH_H=`
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HcIHH$t~HD$Ht$LS()SHHtaH$H$1D#HDHCHHt9HRHH[]A\A]A^HL
#AyfD1H
W_
AA"1K^H<$H50_
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A"1]QAWAVAUATUS1H(Ht$HH|$H$:[HIu6DH<$tH<$HHH7LdG9LbGLt$HHHPH|$LHHthA>uH$HL
HD$H'DLuDILLo7Ht$LAy@HH7H(1[]A\A]A^A_H([]A\A]A^A_fff.HAhHHEff.HA8HHEff.SH
HHD$t=HHL$`t&Ht$H/H5u4H|$DEDH [1)H [HH0HtH@(HtHHtH
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Qj4 @HAj4@H=1j4-@H5!j4@H
ap4 @HQp4T@H=Ap4t-@H51p4@H
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H_DD@D$;D$DuHt$ H|$8=@H|$(HpRHHDHHDD$(H{1EHHT$HD$H|$=9DctH|$=HPH=UU
HHtH5; H=HD$HxuPHHt^HD$HHx7tIHHEM'IHIHEt!H[H2HLRT&H
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AA"RfH|HtH|$(gHt$ H|$8<H5c4H|$H;HDHHDHHX[]A\A]A^A_f.H{H5)T
Hs>@H|$(HkHIHHHD$0@HHJ.HHHT0HBNfDH$HH|$@L 1AD$H1HLRL`;9L^;HPH=BS

LhIHLH=A
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HH$L M:LHIVH:FMd$>L:Hp1[HIHLT5La:9|Ht$ L9:L/HtVL)ItKH=
\H=^LfDRIH$MLptL/LL1Q>H
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LR(RIH$MLpkEEEl$I8fDH
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MA"NHt$ LW8BfLMHrCAH
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AfD3HIMnH$LL
 dHIH
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MAT"dNHAtMDI$H
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1lHt$0L7Y^}DHAH$I^H:f.fD+7HL$HAxD
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u#HHxV,H@H@f.AWAVIAUATHUS1HHtI?It'1H5b4L&2H[]A\A]A^A_DE1DLp2A9DLl2M7HhMtXH+3HH{t
H{H0u3LwgH{\AD#=HIIu<4fH5a`4@AWAVAAUATIUSHH8L.MtWA]IEL
N
DAH5J

DHLH$1{HH1IH5 HA\$~H

H5VJ
DH16E\$E~H

H5LJ
DH1ET$E~H

H5@J
DH1Ml$MH

HENL J
H5+J
DQH1AHK*3AXAYHsHE1HH{t&3LLwtEuH5`
HfE7H5 HA|$~H

H59K
DH1$I<$H8[]A\A]A^A_DH

H5H
DH1E~MmEH

H5H
DH1L/HHH5= HL~/9|+DAtZALMAT$@I|$4AD$'H

H5H
DH1%H5H
Hfff.AWAVHAUATE1USHHXHD$ HtLHD$.A9H5X H!H|$D.L8IMt\A/IGL
7
H5yG
HLHD$ D$D@1`Ht$H1,H5 HIl$HH

HLG
H5G
HAQD$$L5'3DH1XZIvHE1QII~t&A6HttEuH5
H#EWH5? HI|DtH
4
H5F
H11DE~fMd$IH

H5YF
DH1=L0-HHH5 HL,9|H|$A,A93HX[]A\A]A^A_Dt$H

H5E
H1DAMHfDH
U
H5E
DH1L,HHH5

HLN,9|DH5E
Hfff.H
Y4@HY4@H=Y4@H5Y4@H
qZ4@HaZ4t@H=QZ4@AWAVAUATIUSH8H|$(HHT$+1D$$)HHDWGD
H|$(HLHHwHHHH&SHHwH|$H%HHEXHXD$ D$;D$$t$ H|$*HxZHpLHHFHI"1bDH=D

HH=1D
H4H=C

HFH*9H*HPH==D
IHdMvA>@^LxHHbH1LHL$A>@IHL$nH5Y4H)E1MI<sHIMmLx(fD"HIIvLHIHLoLLD$M7LIN"D$JL(:L(p
L(@LE1I<$.H
C
An">H5\4L(H5Z4L'LHL411HXHH5X4H|$'HD$HD$H8[]A\A]A^A_fIvI|$2LpMvA>@LvIM1LLA>@HD$H5W4
L#'HDHIDZIvLHHH
B
A7"E1\=E1@HLHLH|$L!%IvLTIM*H
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A7"<ID$RfLLHD$
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AA"<H
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Af"E1d<H
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O4@HO4@H=O4@H5O4@H
M4@HM4d@H=L4@H5L4@AWAVAUATUSHHHt$HIY1fH=?

HH=>
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HI|LfH9H$IH@H=>
MuHA>@L'sIMHt$1L<A>@IH5`T4L#E1MI<$HI$M>Lx/HIIuH|$HIWHLH|$LAMM/LIELJ#L:#pL?#HlE1I<$-H
G>
An"9H5V4Lv"H5'U4Lg"LE1,HL[]A\A]A^A_f.It$LofLhIt$LofH|$IvIMH
w=
A7"E1B8(DH|$LfDIt$Lo[fDIt$Ln;fDE1H
<
Af"E17H
<
Aj"7HAuIUMEL
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1UXZ_H
g<
AV"579H
A<
AA"7f.Ht?tAUATUSHHLgHHHC1HtX1A.L H{1DHxt4Li
9|H{1x6H[]A\A]fDH{DHCDDH{wHC1USHHHH|HS`HzHt$Hc
H9u5DHc
H9t(HHzHuHHH[]Zif.HH5:
2[]yAVAUHATUISm1AHH1E1f1Ht=HHD9L#HxIHuHx1HuH5R4H1vH
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A`ng"4HAvIMFL
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1%SXZ[H]A\A]A^H
8:
ARAg"41/ffff.AUATUSH1HhHTLdLl$*H3PHLLL1eH9|HD$Hh[]A\A]f.H
M4@HM4t@H=M4@H5yM4H
9Q4@H)Q44@H
AQ4t@H1Q4@H=!Q44@H5Q4D@H
1G44@H!G4@H=G4
@H5G4@H=P4
@H5P4@H
J4@HJ4t@H=J4
@H5J4@HH5E4H=I4kf.HtCHt>USHHHH6H?tH[]@HuH{H[]DfHt[HtV;uPwKH7
HvHHcHk6KCf.wL7
HWIcLD7ffff.HtwH7
HcHHG1AUATIUSHIHH1Ht"H{u)L+LcH1HaH[]A\A]1u$Ht
HGHHHtHOHIH
USHHtM>tGHH57
Hc"HHt5HcHsH^HcDHH[]@1HH[]@H
7
A#A"w0DUSHHtEHm&HHt]H=HH1tHH[]fH1F&@H
7
A1kd"1/H
6
A?Ad"/AWAVIAUATUSH1HxH|HTLl$
 fDLH|$HpHIHIH\IPLMHAI!%tH}DIOLDIM)ELH596
RMcLLL$HItlLL$LEH96
HL1LH}H55
VL}LL9H|$uWHuRHHfDLH
5
A^A"\.H|$u,Ht'H5H4H1HxH[]A\A]A^A_@1@H5 B4@H
A4@HA4@H=A4@AWAVAUATUSHHH|HHtH$1AHIHD$
E1EHD$fHL5Lm;LHHHH{L)HD$(HT$HEIHt$HL$E1HD$0HH}HA4
IcHH1H^HHH54
HAE9tSH<$DHHH%AyH

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E4@HD4$@H=D4D@H5D4T@HH6HH_HH+DHH+DGu
H52
rffffff.HHH=4HtMtHf.H
A2
A!Ah"D$*D$HfH=IHt$HHH24Ht$uH
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AAh"J*1tSHH\$H\$xm|$LH|$H5h4/WHtHH[fH=4Ht$HH=4H[H1[H'~HtHP1Hf?t;SHDHh;tHou[f[ff.USHHt|H50
_hHHoHoC@oC
@ oC0@0oC@@@oCP@PHS`(HP`HH[]f.H
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A\fj"(H1[]fDH
/
A`Aj"O(H1[]fDHH=4H5H4Hff.USHHBHtUHH|HH,HHD$,HK1HcHt$HuS
H[]DH[]@1@AWAVIAUATIUSHHHHA|HDH%9}/H'HI{HD9uMAwAMtAH1[]A\A]A^A_DE11H9~1HHI<{
HA9uMuZMDMtMtLN{AHL[]A\A]A^A_uDH]A$Pf.MIA=ff.AWAVIAUATAUSLHAHHLD$uUDLDHIH]HNL
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LH]H[]A\A]A^A_H?uALD$HtHuH1AuH
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Lp@H}HSAWAVAAUATIUSHHHT$
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H5;lIDH11L5n!
H8H5p H6L
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ID$H5&
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HL`TTE1 tFH5
H1>afANH5HA5IC|1LHfIuH5 HKfH[]A\A]A^A_@ADALH5m*
A$HPAD$PADPADPEL$1ED$tH ff.ATIUI<$SHH
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H(H}9H}L8A$A;HxBHx7AIcDLf.It$t It 9-Hc~MLFHAH2

pHfDA2"HH9u@AH}
9A$H}1L-3)

9f.H}
L0A$A;HxHxIcDL@ID$:HxHIx/x/H@:HHD$Hp+D$jIOHc1HI9.9HH1At>D9D8-DVDN AEPDCAp
ADBE8HH9ufDIGHpI|$H9~)HcH.t.u:18DHD@ ADIABDA AAB8A"@Mt$MAvAOIcW A;V
IvIADIWML$@LrIALL$HTLHD#H|$@IHIHT$LL$MM9t1Ht$LHD$L)H)H9"LyLD$
Mw1AAL8t?xp
@yBq
@B8HHAAL8uHHuIt$H?5H([]A\A]A^A_@H(3[]A\A]A^A_@H(1[]A\A]A^A_@1L~W8HH%DID$:HxHIYx/Ox
/EH@:HHD$_H6+D$IvHcHv>.'9HHtG1A|DD82DWDO AEPDCAx ADBE8u\HH9u0fDM~Mt$AV;AGFIcW A;V
IvI(t@H}9<1JDIFHptI|$H9~)HcH.t.u18DHD@ ADIDCA
ABA8tHHuDIVML$@LrIALL$HTLHDH|$@IHIuMHT$LL$M9t1Ht$LHD$L)H)H9LLD$Mw1AAT8t@xp
@zCB @B@8HH6AAT8uufDI~t 9IHcHLFHA2%pHA2"HH9u1LA>.A9L|$)1HIAA80xp @zCB
@B@8WHHuoA>.A9IL|$)HI1AA8zr @yCQ @B@8HHu1L1L|FeD/H|$/'HxH|$m9wL|$HH)IH1A<@8DJDB
ADODCW ABA8&HH9u9Lt$HH)IH1A>98DHD@ ADJDCB
ABA8HH9uf.@fH|$/HH|$nd@uW@2H=,4@H5,4@H=Q/4@H5A/4@AWAVIAUATIUSHHHHIH@L|$1IHD$H
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Hi6HtH8HtGH_IHHu[DfD f.USHHH[)u1H[]fDHtH5 MLHH%H%S8H HH(H0Ht%Ht HCHHP]f%H %H5x
_HJH3'fDHqUSHHDH{H$HH<&HHuH[]ffff.USHHDH{H$HH %HHuH[]ffff.SHH)HXH@HHH$HH $HH5D

HH[ffff.AWAVAUATUSHHH(HHHLLH L0L(HH1HyHHHH)HS8HLtHH&HuJLH
HtHC=t3uJH[]A\A]A^A_@L0L(H[]A\A]A^A_fDH[]A\A]A^A_fff.USHHHHuHH1*xHCHHi@B)HHH=?BH~HH
-@BHHHHH1[]-
H@@HHt1HFfD@B1fUSHHHHHuH1H+wHH$H9|PHt$t@oHCfH~H)H)HHHCx:HuH=:~HH[]H9fHH[]fDHH@
BHHHCt1fff.HH1HtH<$~H1H|$HfDH=GfUSHfHHHHH@BHH1-
>HH[]ffffff.HQ1wSHwtH1w>[@H11/H=HH90vH0LY
HA~8>[DUSHHRtlHHHtcHHx7HHGHH[]H[]Hfffff.HJ)t\Iu.HHHHxtytH1H~HH(1H~HH0HfHAWAVAUATUS
HHH0Ht$@HDHHIMHD$ HE%=HrkH8HL`Ld$pH)HD$HHfHDHD\Ll$HD$0HHD
HDhHD8HD$H|$
@H-AjLcLM.HI11A
HAAAYAZkKnuHSIMHHT$hDSIEfAEL9MYIBK
HGCSHHH SH IRHsIRfH S{HHH {H IzHD{{IHI {I IzI9fHmL9dHHt-HM1HK
ILT$8u_AXLT$(ICff=,HE=t=t9IGH [C;I#Hs<I9FHI):II9H'HHHHHT$0Ht$ H|$\HEA8tD}HP
1LLlLRDL:Ht$8L LcL1L1Lk1LTLT$\Ht$ L
~LnL^Ht$`LILq9AFfAFAFAFHHt&HH1IA
Y^HIIH|$1H.6~H|$L1,6LT$`H|$L-;D$`|H|$11e6;H|$(1rHHLT$(HHLT$(uyHNDHE=DH
AD^LH[]A\A]A^A_fDHH\$hHLlLTHf} H HHHL$@1.L45LT$HL$HHLHtU8DfDAWH
^11&A=AH|$@LT$UH
e A^1AHH
3 ^1[H
Ao^1+H
A^f.H
A^ZDLl$L%1H
Q A*^1sA'KDA,DH
A5t^1+A\DH
Ab^1}AyH
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A^uff.H111H1HH)USHHHH(HH0HH9wH[]HHH1uHf11(Hu1HHHH0LH9sHH8HH0HH01*HH1h@111H0HH)H
0H(USHH(BHHHLLDHHH0HT$aIt]HHT$H$H uUHD$HB
H9s7HL$HCH)HHt1HH)HD$H9sH)Hf1H([]Hff.HHAVAUMATUASIHHu(H@wgMHLDH[]A\A]A^K*HuHS0x(
uH
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AN}USE1HHHLLTHTD#HHHt1HHIAH3XZHhHt-
H@HfH[]DHHHuH[]DH{11.CAWAVAUATIUSHHt$eHIdf:L[HIHL)H3L8MtrHDHL;Mt\LD[H9uLHLq[AuHL^
HL_MtoMeffDH
A^l5zLA`HD[]A\A]A^A_LZH'H\$H;C`L3H
' ASa5mzH
AYj5JzfH
AHj5AzHfHHH.fffff.HHPHfffff.Ht+HPHtDHHtH@1ffff.HXHz3Hy3Hx3Hw3Hv3Hu3Ht3Hs3H
s3Hr3H)q3H9p3HIo3HYn3Him3Hyl3Hk3Hj3Hi3Hh3Hg3Hf3He3Hd3H
d3ff.ff.ff.kff.ff.ff.Kff.ff.ff.ff.ff.+ff.ff.ff.HW(1Htr
ff.HO(HtoHGH+Au
Q uVuQHqHt4HWHtGLAIJTII)LfHHH9uHuH HufD1DHHRHO(HtwH1HtoLGLH+QujDI
AuXAHAtZHWH)H;QuI)HWLGHAHAHHw(H5
H.H1DHAHtHwHt6LQMBLHLDHHH9uHuH1H7HvHG(HtHHt1@SLGLH+pDH
AAHPtrHwH)H;puI)HwLGH@H@H5 HHO(H-H{(H5 -

HC([HPHtHOHuHHIHXLCLHLfD@2HHH9uHt1[HbHW(1HtUHHtHHHuHJHQHv1H9ww Hw
HH1H9vffffff.1HtHGHff.HG(HtHtHWH+PH1ffff.HGHuHH@HGff.H(tIHtDHOHG
H)H9r4USHHHHt)HtHHEH[]@1DH?HHH)H9sH9HBHHxH4HHBOHuH1[]ffff.USHHH?t!H\$~D$floMfEH[]UL
ISHHH(IwHLHHH9HwH5d HGHHHW HGaHG(C,HHHC(tWHt?HjHjHT$HHtYHCHT$HtsHK(H)HQ1H([]H
AbAyq1H{(H5 mD$?*HC(D$HH@H(tiATUHSH5[H(HU+HItEHC(I$HCLc(Il$HHID$uSID$H[]A\@1DH
AAzpH1[]A\@HT$HHtHCHT$HtH)IT$HH@1 fATUHSHHIu[1]A\LHHRtH[]A\fHv
1USHHHHT$t\HT$HKHHt2H@*HHtJH@rHHtAHHJtB1HH[]H1[]HHff.Hu@USHHHHT$XtH|$HOH[]fHu@US
HHHHHT$tH|$HHcYH[]ATUHSHHIKu[1]A\LHHtH&[]A\fATUE1SHHtdH7HrHGHHvTH5M HHG
HGHGH(a4(HHC(HAu$HD[]A\HH@HT$HhHhHHAt1HCHT$Ht{HK(H)ADHQH[]A\fDH{(H5 m3&HC(jfDH
i AbAyE1,mHD[]A\HH@y@1fUSHHHHltH+H[]fATIUSH(Ht(H- fHHp%HHu[ID$(]A\USHH5
HH^%Ht!HUHXH@HH[]H
y AApHDlHDff.H5A #$ffffff.H5! H(%Ht H@H
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2?$ffffff.AUATE1USIHHHHuLHHH=K(tFHSIHuHEHkH[H]A\A]MH]u'ImHH[]A\A]DH1[]A\A]Il$HH[]A\A]ffff.
Hfff.HHtHPHffffff.ATUISHHu-t"HHkLH]JHuHEH[]A\f.{ff.HtHHt
HPH1@H1HtfDHRHHuHHHFLHHHH)H9vHx4H9sHJH!H|;1|$HHrDH`
LMH1fff.HHFHHHH)H9vHx7H9sH%H$H|2|
HH fDHHHF@?HHHHHHFUSH5 HhH!HHHHC0HC@H{0HCPHtH{@tHt H[]H{@H{PH5 'H H1H[]H
a AA{gH1[]fff.ATL%' USH2@HCFLHxc H{GLR HzH}0HHuL% .HCMLHx H{NL
H2H}@HHuL%
6HCTLHxH{ULHH}P9HHuH}HHEHE`LE0HHu@HUPH)hHLE0Hu@HUP[]A\ffff.SHHHx0HHx@HHxPHH5
5H[fHPDBD9t99t
fpDHHPXHHP`HfpfDHHP`HHPXHfpffffff.HHDAVAUE1ATIUSH~HHsHcv
[D]A\A]A^H5 JHIHMHrHiI$`I$h
HIEI$hIE1Ao$8AEAo$HAE
I$XIM0I$`
Ao$`
H)AE8
Ao$p
AEHAo$
AEXAo$
AEhAo$
AExfLmI$`I$hA$8I$XI$`
AHIXHLGFH{HAHI}H5Y~ H5H~ LHQH5'~ LAtHL~ ADPL8I}H5} A(H5}
LH<AUATUSHHH~zI1MIl$L8LBHEH5]} H`HEHhoE8oE HHE0HXoE8`
oEHp
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HEP@ fI|$%LMH[]A\A]ffff.AWAVIAUATUSHH8HT$ HL$0LD$(DL$EvDL$EtLHD$I8H|$!HD$@T$HD$8I
HD$LxAG(LtIh
uIHxPHItL`H@H5{ I$I`ID$IhAoD$AoD$ CID$0HC AoD$8A`
AoD$HAp
AoD$XA
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I$PA@ fAI}OLwLoLIh
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HHD$DifHfD$MMt#HA7AMA1AY^MhM`T$@LALd$|$ IADPA
AE~AODEHD[]A\A]A^A_I(LmAd
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IHT$LHpHyACf~LVII9
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Ht$8h|$@L*LLAW0AxwXAIXLAG(AleHH HTf.LfbAE-EAG(Ih
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ILMH|LdsLLAW0A\OLfAIh
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LAIh
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tLE3*I8ALu dILIAd
|$EL|t Am/LAAGLGt AL0t DALt ALNfILs AAdAG(LH\$@DH
DH1H5s H1wAODIIHA
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AQPLx4fDD$M`E#IGDd$D8AACAACIhIC
HD$HtSL\$H%L\$jICHD$0D$(HD$
fDIC
HD$0D$(HD$IX~D$Ll$ H\$HD$)D$`FHt$@LL\$Ht$;L\$)It$IGHD$HL$uJtFHT$0HTHHTL\$8LHt$
PL\$8HcDHDHIGH~DL(fl)D$`t
Ht$0Ht$HL\$(Ht$ LL\$(IHtH|$tAIGHT$HT$HL\$LHt$ HPL\$8HcDHDHI@ACI@ACAACAfAC
HD$HHACHD$HACIHt'HAMA
L1XZIHD$H
Dd$D*4HD$HIfAALCo {fHDHD0D$(HD$AfA{H|$HLL\$8?HD$`L\$8HDhHD@HD$ DIIxMIMHEILDLV
L(oLRn ADPLDD>IhD$(L\$HLHHD0HHL$ALm ALm DALm Dj@H@wMG(E1EDLym
HAD!PHHLF@8I9Ht4HI9u f;H(tNwH@1DHff.ATUSHHHHx0HH
f9J(tH[]A\fDHXLd$t6H[]A\HHHh
HhHHz0:Ht}HHHp(H`
LHHHtxHHtHH[vHH
HHp8z1&DHfB8fB(H[]A\DLk ADPH1DfDSHu+HHHPXHf@H[@o@Hf@fH@H[H7HH 3fSH HtH?=3H{tH;2HH
[3fff.1H@DHWHt7t-H1

fHPOt HH9uH9f1H9@HW1HtHDH|hfH@H@SHGHHHPH H8@HHHX`HhHp.H;s1HH HC
2HBHJHtH[[fffff.1$tDH(Ht8d
u/Hh
1fHPuHHH9u1fff.HH@$Hh t'Hh tHh H HEf$Hh t'Hh tHh H
HEfHAWAVAAUATUSHHH(H8LL$IHHILXI)AAJ>EHL$H`LhH9!HEH@`HP1L9HHH)H9
ItL9MLCI9LG*IH}AHKt%Ht$DD)E(HHIHEH@`L91HXHD$LPLhE(L
H([]A\A]A^A_fMLPH`HhHEE1H@`MHP1L9HD$LLhHPHXL lL9LIH)%1Mu1E5fDHPMtIv
>H;t$H`HhE1!DD$HT$1+`H8DD$LL$Le A-PHLXyHEH@`dM[HT$-
T$FfLIH)fH|$K,LL$Mj4HD$LPLL$H`DVffHLLL$&4LPL8HhLL$L|$L`Ld
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HIMH9HH)IMIU KHL,@I01HOL9vIHTHpLc APL\IVHB`tIE H[]A\A]A^A_HIGI;0IE
IUXIAF(I$H[]A\A]A^A_H9Lb AkPLgDAWAVAUATIUSLHHMtHTDL$@HD$p&HIPHH.H]H
HIfI)I1LHfHfHH9rfoLHfsffI~HII9tEHPM,H9v8M,HPH9v+M,HPH9vM,HPH9vHM,H9vM,H
D$}HDEtHCHPxH90Mu&DD$@EuD$H[]A\A]A^A_fDHHhtNHtIHHt1H
HDDD@y+AB@HhHDDD@Ho)|HHHHDxAAHPHT$(ZYHD$pAHUHD$8Hf.L$HTLtHD$11D$1H
H%7MTuDD$@dH`IH$Hp1HHD$ I)ALx
H|$ 1LHhHD$8HtHKHR`H$1@HH|$`HH$HD$ IH$1Hl$PLl$`HD$(HHDXHLd$
HDhHDxHD$HfMOH$Ht$IE HD$ HHD$(HHHXIUIu(HD$(/LH(_Iu1LIHCHB`u=t=CHh{|u|tL
IEHMuAM9vRHHHLt$HHt*M)LI9LG1LKMeHHuDT$DE31L4Ht$HLwLHI0HT$xIPH)IUIEIEH9l$P
D#H$ADDHCEHB`u=~=uHh{|u|$AEHt$0t$0DHXAEHD$ L$tILCtJDL/t6Lt%D\$E<Hct$1L-%Abf.AL[
DhPH|D$#HL$pHL$8H|$88H$HL`HD$ Ld$0L|$8MH\$(Lt$
$f1HLstHII(L9XI4$O,IIT$1II)MLLI\$kuH\$(L|$8ALZ
DhPHHD$8HH,@H$HHHH0H9uf.E1HDpHD81E1,fDH$HpH`1HHD$ uABHt$pHx1H|$
4t4D$R`aHt$0Ft$0EHt$0*=t$0*ADAEAfDHT$XLLfLPyIE
IE(HctDHThLVt)HCH$LHHPAfDSH\$(L|$8Ld$0HhHQH$@L|$
H|$`Hyu~.QHH%fGD$D$A.LW AvhPH#Hl$P{|THCHHt$`HHHHcD$DHl$
L$E1E1L$Hl$`HD$HH$HD$0HD$xHD$[HHtDL$DEHt$LosLcHLqHH+L$xAH1IHHC_AXHB`u=~=uHht8D$H
3IAHL@Y^L+DT@BDeJDeHJDeHD$pII0J#I(L9t$ LL3t-JteH$H9r~H)1L
iAHT$0Ht$HLHCJteH$HHPHD$HJDe'HhHHKHl$8HR`H$@HHl$8HD$(H|$`H5HHHQHueL!HoHH)5Ao(A|AH
AL1HAHt$`HHLHAjMA=[H$D$HA)8HD$(HT$Ht$L$HHHH3D$NHhLD$D$nAHD$8H$@HD$(H|$`HHD$(fff.
AWAVAUATUSHHxLpG(HLD(I9HAHhcHpHHpHAI9HL)HAHD$ HH HD$ H|$(HD$H|$ MH I9
LlHDXH~\$L|$pflHD$)\$0fHC1Ht$ L@HD$I9LG1HIL9MIEIHfoL$0HH)L$pH)$H)$H)$H)$H)$t{H)$tmH
)$t_H
)$tQH)$tCH)$ t5H
)$0t'H)$@tH)$Pu)$`HHH9tLlpHI9vLlpH$HE1t$LDHJ0ZYHL$XH9t4At%H)IHVHD$pADtHH9MHD$(LHx[]A\
A]A^A_@HHuIHL9r.L9IGHHEH1HxHHH|$H~D$fl)D$pH)$H)$H)$H)$!H)$H)$H)$H)$
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)$H)$H)$ H
)$0H)$@)$PfoN f.HLH9LN AlPHI7HhHHHEH@`fDfoHN III9fH~tAIIJ|pH9s3H|pIIH9s%H|pIIH9vH|pIIH9v
H|pIIL9D1HHffHsHU0H]HHLDXDHJ0yLt$XA(HAJMH9 HXHHHHEH@`Hh!H9@AuIM
H`I9XJIJ4M)L9HDHtHDcHD HDpHDHDXHD0jfL|$$H1HhHL$ ftnDkHD$cEHD$pLdlDmHD
HD$xLcL9prH`Hh
HLLDHLHDpH$N0LL$xLL$@h$LL$@LD$H9SLLD$0LHxLLLLH~\HD$XL9I)IL9l$HtHEHPxL9l$jL|$et
+H}Ht$$uH$$LpfoXJ tHEH@`uH^fDHD$(L0fDfoJ LpzfE1Hx@foI =HUHB`(HHD$XfoI BffoI 3foI #foI 1;foI foI foI
foI foI foI ACLH D/A3yl_SHHh1DjHcJH9w+HH
Ht0HHaLTXHD(MLAWAVAUATIUSHAHXHGHTLDDL$HB`u=t=-D$H8,AD$Av
EDt$EtAHHHt$1HxHu9HtiHAADHHHH9HuHt<1H@xv,qH@ytqH@zt
A{HDHtHAHHtAL(HD$(H|$Dd$0M!!D$6H`

HD$
DD7ME(tJ
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H\$ ufHHPD`E|IM9wufH(H$AL(MuALE DPHSAHXD[]A\A]A^A_IkPH\$ fHCHtH{HDEt
UDAA9D$0{LMA905H4C1H_HrHs1hH4
C8L(-HUHA`A*LC %f.H8|HU0AReA@E;H{a?I@`uHCC8D1D$AHFf|$6HDT$8X|$0DT$8D$4L$4t|$0u
{oHL$HtCH|$DT$E1ELMIM9vuHD$HsHL)H9CHHFkHs
H$H{HHkHH)HH{u#A$$IHCC8HPIL9lD4uLMIM0L(DM8EHSHKHK HHD9DqfHfD$4LMt-
DT$8HA1IuA_AXDT$8LhMT$4DT$8@HADT$8Ld$(A
t$t"AZEEMDA|$7AdAL@ A/HAEfHl$8LHl$MI%AD$8IIPIL9D$4tCM9v>IDHItL)HH9HGIt$
HHID$HHtH9uMHl$8IHDPC8L$AZEE@AH5xI)L9sHsLFsHs LfLsL)sLLH{uC8It{HmCALI?
HAHZC8AL> EAdL> AS(HA3AL> DEHLMH|$(*Ld$(@HAbL=> H8[AZL> dAL= H>HU0AQIHXHE(A*HH
H!@AHCE1E(L?= HCC8A@#HAA<L< AHa|$LMu L9utHXuHH$AL0$H{EC8
AcLj< EHLO< AAE(HLd$@DH DL1H5; L1?MDHHHC8`MAL; oGu'Gu!GuGuGuGu Gu1HHPUSHHHHtH?Hk
HCH[]@HGHG ffffff.SHH?H5"< !H[ffffff.ATUISHGH@`HHHPEH8HHHPAHtI$`[]A\VH5;
?HDI9$@IC$@HpHtI$8I$HfLI;
AFAL1xDAWAVIAUATIUSIHHH0u`HGH@`HHHaMIhPILULLeHLELALDMI`thL=:
1H;HtL9ct<sL5HxLLNHt9fHCCLcHH(I9uH[]A\A]A^A_DL :
I0LAA#H1[]A\A]A^A_@SHu[1H[AUATIUSHH0Ht@HL8H-u9 H8DH;HH($HC(L9uI0H[]A\A]fff.SHH8H59
H8[Ht4HHHfHG0HPGHGGGGGH9uDHtKATUH,SH_0L%8 HHH;7LHPLHCH9u[]A\f.fffff.HHGHHG8LuVElEu
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H`@DCx@HHCHC0HC H[]@H5 7 @EHHHC0uH1[]DSLFHHN(HXHv AHc1xHC
HSHC([AWAVIAUATIUSIHHLLHHc10HIHXHL$(H\$HHZHItJAELLD$'IEHAIEAF~HT$(HL8@L(1H[]A\A]A
^A_@LPLQHxHc10HI8IHL$(HH\$HHH%H*L5LL$(HL$0HHLLLLLH55
HHD$J<LL$zLL$ILME(LLHD0AED8IEHD:HT9HT$(jAQUIAuHL$05H DH595
HLHtLHt'LrLLZIUIu(LzB1LL-LLHT$(HL:H5;4 HL
HT$(LLHT$0LLL|H|$fff.AWAVIAUATAUSIH80HT$FHLHHUHHHDfIGH@`IEHD$#AD$D$+Ad$,D$-
IDHD/HET$.uIH@Ht$#
H~ITIt(H~HtHTH"rH<${IGH@`u6AEu/AEu(AEu!AEuAEuAEuAEuAE#LHPf.EIDAETD$AEfD$!HD$H
D$#zHH$tHH,$HSuH<$zDI8H%HH1IHL$#HT$jMD$(HpHPAt$LL$0ML$Ht$(1H
DH<$1-zH8[]A\A]A^A_@1@@@HOH1H9rQHG DDHLIL)ML1I1L H1HH)H1H1H H1H H?HI!L)HOfffff.Ht
1AWAVAUATAUSHHHL8MLIHL{HLLcIDEDtEuM1LIHHS(Hs
DL(HPHHPHHcE|$HLH[]A\A]A^A_mDLhML{Hs(H{ LHC
HC(H[]A\A]A^A_H1[]A\A]A^A_L1H{IH{(M1I)LMLD$ LD$HC(LCAFD8D1foeLE.
AD`PH9AUATLiUSHHGHNH@`t-MD1I9HF H)HV(HNH)VHHF 1I9HF H8\HHI u{HuIHL)L1I1I
LH1H?HHwoHIumHHHHHH!H?H!H)HuH[]A\A]fHH]H[]A\A]fAII1I)LM HHL1H1HH H1HCDID1HH
H!I9wMffff.AWAVIAUATUSHHHtHTAHHtIHUIhHH$HuHD$8IFH@`H|$8q%HH|$8HD$Hx
H;x(HhpE1Ll$#@IM9H}HPH;}ALy+ DPLDHPHtIPH4I8HHH_HD8IH|$8H<$7HH|HHD $H|$
IH$`L|$`D$@Hl$PL|$XDGLGE!EHLD(IHDHDHHDLhHIHHHDH`HD$0LMIHIFH@`EI@$`HT$P$aH
L$0BABfAH$`IH<$AGAAG
HCAO LHAGHAW
D$@EIEt_HcT$@HSHIEHPII
L9|$HCH<$IEH |$(/EuIEHt1Ht$ HtE1HHD$H\$H,HHHHs H{HPHSHCHCH9uAHD[]A\A]A^A_L(
ADPE1f.tI`HT$HbfDHEEIpEfE\EREHE>E4E+fIMHt$ 1HHH)HHjHvH9sHC$@4IEHHH9wIEHS6H<$HAL'
DHtHHDLL$`ILLH
J4fDHHPHHJH9uT$H<$L"LD$(LL$LLLD(HD$H(IHHPHHSI9uT$H<$L#~HL$XT$$H<$8A`L&
PL@ADHD$L<$L$`HP(Hp LLH'uE?IH3IPHIPHHLcE|GHtHD$ADH,IHHHT$

LLL]`IPDbA!DAA!L9DuD$@AnHt$HD$Lc|$@HHHHL)8HPH9u7AlAaA*UH|$8;%HuYHt$HD$HHHHH@H@
H(HPH9uIHtZE1A:H|$8%HuHt$HD$HHHHH@H@
H(HPH9uIPHtAATbAi|$@A!@AWAV@AUATUSHLvI@IF1H9vH[]A\A]A^A_DHE1IIA?IHI9
LnIH1LHM9IMO L111H)f.HML1M1IHIL!H?H ILL)I!L1L G!L L1IH?H!HqA!EIHI1H)H1L
H1H?H!M9uHHtt@fHHHH LHPAH1EHH)H1H H1H?H!H9uLH)LfD1@AWAVAUATH`
USHHHLHtHtMLDHE1HD$ HD$HH$$Hl$HhH}HCHB`H`HH%H@EH9p
}HuHwHH`$H}E8HPH}HDIM9HE(HE Hh}zHCH@`H8H@HXtAH8Ht5HXHv(HP8u@HPfHH9ILd$HHNHh
1LHtHHHCHAH|$ tH8tHH EK,AHHl$DH`ID$t$H=D
LHID$HSHA`H8AT$HHIT$ 5H9ID$AT$@LMtRH31IAAHCY^HB`ID$t~AT$fDH=@HHtQwDH9Z
HID$HHH H IPL9V=
L(H[]A\A]A^A_MHHL$A1EH~Lh$L`MIIAC8ANt"tA>fuffLMt*HIAL11AAZAA[AvID$fHA~UMDfEH}u9HCL
A@`u=~=gt
9XHCHA`tWHHHH9AkL @L$E1HHDH}=t= HHHH9f.H8t/tfHHHH9@HAfAvL H]==u@DE> H`H= H,H= H
H=m HH=T HH=: H[L AFHKlEEH}HHHH9HALm H"<HfDH8IwHngHh
1hHHHh

H(}fHAL PHL$yHSHA`IHtH HD$HxH@ 8HD$@HHH HHD$@8H(Ld$HUL AD2HDef.AL D@HHQH CL^ A^
H@HPHH@Lt$LcKHL$PL<LdHLMIIIoL9aHCL)1IoLIo LHHP:LHLL$IPM9uL<$Ld$f.Hh"IH
H4$1hH3fDL AHfL ADPH\}fAL @HP<HjHP'HLcI@KHl$L|$0Ld$8HHHD$IFHD$
HHD(HDPHDzLeM)LeLe AHC1HT$HHHPtEuH|$LLJtDAIDH9EDGHPH;l$6L9uH8H %HuHD$
H9ESH8H%H,H|$(LH|[L)uE1Ld$(d
Hh
11HAL L AkH5VAL *4ALLw A L` HAzHL% A\2H1uHhuHuA4L FHIjL A3H<L|$0Ld$8IAALZ AcLC sAABL! JA+L
3AL AjL DPHUAL YL A/H6ALn AKvALL dAQ`ID$]ffff.AWAVAUATUSHHH`Hh
LH
H@EH
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HtHC1HHHAMVHHCH85HPH HPH@ALcL9p
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D$HCHt$ 1HHt$HHHPIDHL$|$H|$LLCEHL$H9h
fEH`Hh
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Ax2HyE1nLl$`LHLEfL)h
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HHp8HHAWAVAUATUSHHHIAH8L@LHA}HLL^LcLLdHH8H@$|$%HLLH
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IE AIE(HD[]A\A]A^A_@0EDDtHD$(IIOLD$PLLL$HLHL$ LLIHL
CD9CT9A2DPCD9A2FBD<ICD9A2FBD<JCD9A2FBD<KCD9A2FBD<LCD9A2FBD<MCD9A2FBD<NAF1BT
<OAFAFAFAFAFAFAFAu{A1HLLLLAgL DaPHrHD$(D111EHglEu!IMIM
T$HFL|$CLt$`1LLvAuL4yAuLyst$AuLxVHt$HLtAH|$H5L]s%DLt8tEE11LH%z1ALLH\IM(Iu
LEEH~=Hct$8HT$<HIu L$<L$8HcI;M
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luHHtLltBH@${DLzADA)AAMAY|ApqAffFFGFGfGFGFGFGf G
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GFHGHFHGHF
HGHFHGFGFGFHGH(FGFHGHFHGHFHGHFHGFGFGFHGH(FGFHGHFHGHFHGHFHGFG'F G&F!HG
H(F"G$F#HG HF$HG HF%HG HF&HG F'G/F(G.F)HG(H(F*G,F+HG(HF,HG(HF-
HG(HF.HG(F/G7F0G6F1HG0H(F2G4F3HG0HF4HG0HF5HG0HF6HG0F7G?F8G>F9HG8H(F:G<F;HG8HF<HG
8HF=HG8HF>HG8F?HH@t~-
v1HuHAWAVAUATUSHH$$$v1H[]A\A]A^A_LLDxHHHH$KH=@=?=VH$HHD$XfH
:2H=+HD$A3AAHD$`H$(A@HD$pHLhH-
D@HHHDXEH=j23HD$A3AAHD$`H$(A@H|$hH=sHDpHDHHHDXHH
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2H=_HD$AsAAHD$`H$(AHD$p0HLhHHHHDX8H
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HH1H|H$H|$HHHL$I1HHH+D$pLLIHHD`H1LIHH$JsHD$HD$@HD$
IIIIIIE
H|$`H$1H$HWtH|$`DD<D<<Ll$@M$
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H\$(HDHD fH$)$)$)$)$0LILkIH$@MH+D$`MH$HHD@HD$(HD$pHHHHDxHH+DHLPHfHL
H$H1IHII!H$I?EH1HL$@HPHH!IHHT$8T$A H$I9IH$MFE1HHD$0pfDHD$(BqKLLL1H1IL1H LH)L1H1H?H
HL1D!H?HD!D!!1!BtIM9L9d$w1L;d$sHD$0BH$HHHHHDXH=$27HD$A3AE1HD$`H$0A@H|$hH=(HD$p
H$fM9LLt$`L)HH+DHHD$xM)L$HT$0HD$HtHD$0BqKLLL1H1IL1H LH)L1H1H?H
HL1D!H?HD!D!!1!C41@"t$1BTIM9v,L;d$r1L;dsHDHBsfDLtXLT@HLTHDhLHLHfnD8fo$@H|$PLT
$f`fafpff$)$tgfo$PHD$PfHf$)$t>Hfo$`ff$)$
ufpf0)$0H|$pH$H9@Ht$8!HAH9A!HAH9hB!HAH9JC!HAH9,D!HAH9E!HAH9F!HAH9G!HAH9H!HA
H9I!HA
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H9v.M!HAH9sN!HD$ HD$
LT$(H;$M=HHH$q1HH4=$fo\LHfo$@Hf)$@fo$Pf)$Pfo$`f)$`fo$pf)$ptbHfo$f)$tGHfo$f)t,Hfof)uf)H@L
H ?}H<1H$1HL$IDHD$`H+D$pIH9H)HD$
IHD$@L1H$@HH$HHYH$H$HfoL[LHfo$@Hf)$@fo$Pf)Pfo`f)$`fo$pf)$ptbHfo$f)$tGHfo$f)$t,Hfo$f)$uf$)$
H$HK
H+L$p1HH
H|XHDHIHHD`H1HIH$IDHD$(HDhHD
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t<H\$(ALLt$XIHLLAI9uH$1A9JtrHLH@H\\\\\\\\H$H$HLHHH;LHH;HTpHH;nHH@H<tHt@H$H8H=
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IH|$@AWAVIAUATAmUSH(HLHxMH$HE1HtLhM8MIPL#HA?I`MI`t*LHI`ALIIHPHT$LHpAH<$Lc}H<$Lc:
zHK4${!rITLH3HLHLIH9hrYH|$HLLDHLLDHLAH4$A1LlAG|-
ALDPL1JYH([]A\A]A^A_fMhAG|D$MIL1"HIXMIXtL$HIX$IXI\$HPXHT$]LZIIJnH3LHB3[HIhAt'HyZMhD$
%DALAPLXZHI8tH1ZM8fLAADPLW]LAPL|W-
A|LAfSHHH;HhHpHHpHh[AWAVAUATAUSHHHhtHD[]A\A]A^A_HT$@Ht$8HHHj1E1LL$X|AZY*HHT$8E
1H|$@HxHT$HHH7|uH|$8CyH|$8gvHD-
AD$IcH5HKHIHHhLp2I}2MHHL+~D$LHTPLl$`Ld$D$PAHT$AHHDLAL,O1HHB2Et$A-
Ht$LH5HHHVHP4H HH4H HH41LHLl$
41HL1|HLHVHPM4]LL54ED1Dd$(9D$LL+4TT$,H|$L)HD$L;d$ID$(Dt$PDtQDtR}Dt$StsDt$TtiDtUt_DtV
tUDt$WtK Dt$XtA
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@Ht$Ls2[AAKLDPHdRVLAAPH4RWA>LDA+H|$ AAAD_HD$`HD$
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HzH[]@LHAFAPQH1[]ff.USHHHHHHt0txH[]@Hw/HSq9uAjLDLAdHKP\PH1[]LHAqDKPD$(PD$H[]ffff.AUA
TAUSHHHHt?Eu%HHjHHH[]A\A]HHL$1yHHL
,IHHHyHtHHH1,uSLADH%PO1H[]A\A]ALkL@HHt$HH.AL+Afff.AWAVIAUATIUS1HI1HmuHH[]A\A]A^A_
HH]vHtrt0LADPHNf.*HIHLH)/ALuHsD$xcMtLLLp-
~$HLHPHHP1LADPHdM1.Af.LDPH2ML)DLAAPHL~1LL,SHcl$@AWAVAUATIUSHHHT$HLLD(E)HHH
D$<L%1Lt$@E1HD$H1HHH)PI4$HHt$ Ht$ HH+'HTHtH+
H HH+H
HH+HT$LH+H1HH(HT$Ht$HM+~yT$<LH:+~fHT$LHF+~RD$<IIIH1I9H'@L/HD$(L8H[]A\A]A^A_LADPHJH
'@L1LAAAPHJ1xw
H?81V9Wtffffff.ff.fDHH5b8
8Ft#SHH>Qu[fDHO[H
IH=r63HPoH
(H=3PRH
H=T3PH1 f.f.w H3H)HHH1DSH5HHvzHt1HHtHCHP[f.1[fff.HHySHPHHHH@HHH5HPH@UxHH5g2H`HH5M
HxHH.
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uHH[ffff.8t;Ot&t 1fDHHP1f.H1fDH(1fDIH
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)DHDfo)D$ H$N4HD$JHt)E1@IvHtHtCIIPL9uIu Mt3H8L[]A\A]A^A_fAMH52HytH52HfH2LDL-2fffff. ifGt
HSHHItH[f.AWAVAUATIUSHH8H4$3|HD$(H@u@] fHD$ HEHB`2=%=HHHx
tHx(HxHtHxPHxptHxxHtHHtHHtHHtHH8tH@gH`D$tHhD$E1E11HD$DAG4=D9AG8=D9~
H48t @EoEw ALt
Ht>Lt9Lt4tAwHtH<LCDL%9+L#IHEHB`UA;W,|A;W0=1=&fLL$$HDAWD1MHPbADL$tAtHDD$DH<$t]
dx@HD$wiH;D$(HTHDHHEHT$=EAG8=ONHD$H|$
HD$H8[]A\A]A^A_@HHHpD$HT$H|$mH<DHDWH$H{S1Hyx$<LT*E1
AA9DL=x$u1IHHD$ HLAA9|0@AA9t#DLx$uH|$ HE1DLx$t
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vffff.USHHHD$HHtHHmEH[]fDHH|$H+H;H8@~RD$;~D$u@HCvutHCtHCufD1H[]HCtD$[fH^C@1fH>CtH(C
1ifffffff.USHHDG@EtCDH[]f;;uCDtNHtuHCHPxCDuHuf1HCDHuJCD\@uHHC1HT$E1E11HR1PhCDZYpfDH0
tHfHu1@ATLUSHLpat1[]A\DLaut0H(:HfH9tfAUATIUSHHIHHt
1H4HCMLHHH@pH[]A\A]ffffff.AUATIUSHHIHHHCHAU1HAMHPhHY^tH[]A\A]f.uHFHCH1AUAMHHPh1
HD$YFXZD$1HH@f.AUATIUSHHIHHHCHAU1E1HMHPhHY^tH[]A\A]DuHEHCH1AUE1MHHPh1HD$dEX
ZD$@1HHHfHHtTH8HtHHOB@HA`uBt2H= HDH=

HDHHATUSupEHHtp1HuH{HCHHSHHS'~PHvHAtZAu>Hm2HHT+-
EHHuH['f1[]A\f1DH2HHT+AWAVAAUATIUSHHH(HH8@HWHE1LLHpPL@HAQAHtEtCH:LHlgC8uHHH(D
[]A\A]A^A_LHLtuKDH5LDHHDeHILD$iLIOEGHL1HADD$LD$A%LD$HDT$MrfKD
H54LD$E1HHD$*eHILD$IOLEgHLHHALD$LD$HLEIJ<!LLD$DWD/HHHVHLD$HHLeHHSHHL$HLLHHpP
L@ARAu5Ht$H1$LeME1DHt$H(LAYe@SHHHD$tE1VHHtH~Ht$HU~!HHD$H[D1@H|HDff.AUATIUSHH
D$H h1IfHHH5Asft"E$E1H~oHt$HrHHD$H[]A\A]f8
HHLAnA/PL92AyLS/PL2}L)AdD/PL11KDLA~/PL1H|HD
@USHHD$HH@f1HHtXH~NDE1H~-
Ht$HNH|$pHD$D1HFHD$H[]f.HHHD$t3HD$uH1AVAUATUISHHHD$HHH1A&HH~HH|LmPADNL
0Ht$E11H?LaHZH[]A\A]A^LLADNP/1H[]A\A]A^Hl$1HHRH|$H5_HIHHHEID$HB`==A$u,LYM$4E111HL9H
T$LL1Ht$@DLADPNL.1Ht$ALA@I$Ht$LHE1:HT$1LLHt$fUSHHt%HHHH~HH[]1@H1^fff.AUATIUSHH=H
HHcHfDHHH(1H[]A\A]HHcH
Am
B1H7HHHD$1tHT$HHHhfDHAX
HHHH51IH1>/HHx HHh@HHH@EfHP@Hs8HH8H|B
DoHH]HHKfHc@6@HHQ*Hf.HHH@H1HHH8HHHc0HHHHHHHE|f.HH<HUHH1;H8fD1H7H!C8
HH5%HZHHHM
IHr,LH&HHLK8uHH`HtHPHUHXF@HHH'DHH,HDH1HHH1HHH{IHzHHcHHHz~HuHHHH}HRHH@HH@H
LHM,\ f.EIHM9zA<$yHuA$
E@1MHH&H1MHHW%HHhH5J
XHhLpjHXQHXH6@HhHHpHHDH`H`H@@H0HoH8H5Q
'WHH8tH/~HH=H5
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D1HHcHHcDHHcHHH@H~HH@HEHczA{
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?1D1ffffff.F~ATIUHSHHHHcHMHuHuH@HH@HEH[]A\H@DHi5HDH@D1HL5HHD1C1HH@H5%HSHHHT
MKI1<DH@HHDH@1HHH@1LHHDH@LHHfHXH`HzxHHXH`LHwHH1MHJ!HbH1MH
HBHH52=HH)HHPHtH5=URH5n>HAHHPA?H
DD@1fDX~H`
HH5,QHH>HxH=w
}H
A1e1fH` HD@H8HIP;HIHU0oEH oEo@AH o@ E0o@0BDDH.HHHp|AyH
A1H
iAB_1HHOHFHD$1}HT$HXH`sHYf.HA5HiHHA%Hu1IH1H
AH1H8H@H0H@Hc@@H@D`zH@LHafH@HQHIH,LHHHLAH
C1f.H@H@H

IAE?1~HHHhAtsH@Hx5H@HhOH
A|1'H54HHHA5>PoEH oEoA@H oE0@ oB@01SHH8H!Hpt#HCHHP H[@HHt4Hzt-H8t$HHGHPt$uH
A$1ATUASHGHHA`u=~=u|;uFtwAtGHHD@4Cu`HCH[]A\H@xHHtHHUfD(`QP]f[]A\fDUSE1AHHHH$HHHD
$HPgJY^H{11iDHHt1HHIAH3XZHhHtPH@HfH[]HH[]fDHHHuUSHHH5HH?
JHHt%HcuH}HXHHH[]1H=AUATUSHHXLML1ITHHA@HDHDHDHD HDHDTHt8D$
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HHHH$HCHSPL(HHD$@HD$`HT$8HXHD0HD$0MHT$XHH$HPHT$xDPHDPHHxDpHDpHH
HHHHHHt3LToHLHH$HPHt2HXH$HHH$$H`HtHLhMt3Ln$0H$0L$8H$@H$LMLsn$HLH$
H$LMPL0n$HLHHH$
l$(HpHBHxH$XHPH`H0P$8HHHH$xHpHH$@$pH1HLQHX[]A\A]HHtLLMLLHHJDHHwfDH$
@GH$0AVAUH
~1ATUISI1HHHtHDC@HHMI$H}u[Et=]HE8H
'Ag$H
AgH5(~1HUMtI9$tEH1;FHH[]A\A]A^BHH6H5}1HHUfDH1H[]A\A]A^fDH@8@HH
H HHHUHE H =HXHpt>@9HcHPqfDH
A
gf1fAHH.H5|1H@THPHUHp=tHKPHrUt>@9HHCHE0HzHHE8HHHDH~H}HHE@HHHE@<DA AHHWZAEt
ADIcHxHcEPLuXH5uH(HBMH(t(Ic6I~H?HH(>LuxHH5AMHt(Ic6I~HHHHH&HE`HPH5KH`Ehh2AHEpHHPH
PHcHXH@HEH8H
CAVg=T>fT9tft1H>L`IHXLD>LD9L)H)1L>9M9r1jzHxH>H{PLD>LD9H{XHH)H)H'H
HDHt
HtHHH)H)D1AN9Nrq>9T>T9>9ttDT
fTD7HHHHpH5gl?HHHPHpHcHxH@HH5.s>HHHPHHcHH@H52x1HOMtI<uIHD$IEHPT
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TDH@HHHpHxHdHE1E1112213HDHAVEAUMATIUSHZ~v~1t =
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!fUSHHHHHDeHt$HeH,$x_x[9t?)H5HOY;H|$H5PC;H[]f.Ht$HcH`b@ff.USHH?H.HHHD+eHt$HeH,$x\xX9
t<)H5[HO:H|$H5BP:H[]Ht$HcHa@H5YH=V.3Ht?.3te2HfSH54(i;HHtQH@ HH3HHeHH t1H[@H
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2@H;H(uH{HCSkH{HCLiH{HCL8HCHCH9uH[]A\A]fDffffff.Htt~fSHHjHHH5C8HH5+8HH58HH57HHHHH5q
7H HH5Q[7fffff.AWAVH5-AUATLUSH(H8HIuLm HELH)IHI fH}Ht
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I|IDHtIDI|C_I|HtdHIDH|t;H||L6HIHTHtHITHT3hH(HbHHH5H<X6HI$HHHH gHHI$HH5zH<5HI$HHHH
igHIHIHt8HHHIJHIEHADHHIHItHIHHtHIHHIIAHI$dHHtH5!oHI$tcHL[]A\A]A^A_HIVIDAu
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APAz`H
cAXAzH5BLYE13#DHAVAUATUSHL01MtXHII1&HfdE11HLLu6H3d9|I~H52cIn[]A\A]A^DH
AT
z[1]A\A]A^H@L0TfHtCATUHSHHHEI1MtLHHtH[]A\H592LDbDH[]A\USHHtuHHHtTE11Hu$H{Ht[H]H[]
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A(ZyH1[]fH@H@+bHHHCtfffff.SHGu[H[HwAUATUSH_
 HH;w
?H;wHHGHAH;wpHGpH;HH;HH;HH;8H8+H9`H`9LhIHfDH{tH;HtL!H(L9uH1[]A\A]Hx2HH[]A\A]fHuH;H

'HuH;H*fH(HHP1DHuH;HHSH;8H8H@1H9`H`Hh
H]H[]A\A]@1HtHtHtMHw E1IcD)HHHHHT(fH8tHxu3H(H9u1HHw H)HiDBA~HHHAUATUSHHHHH_HLM
HI1Hu_HHLLLHILHLpHL
LH[]A\A]@H
qAAtH1[]A\A]H
AAtDHLh Hd^~HLC8H5[iLHZiHDHLS$H`HtLOHHHHLL HH52HHV]HL
HtL
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AA1sLhfAUATIUSH>]1A[HHtt1E]HHWD9tIL]H[YHuH
AArH52H1T\HH[]A\A]H
GAArUSHHHHH52\HH[]USHHHHH5V2[HH[]HHHtfHHUSHHHH H52q[H H[]H
USHHHHH521[HH[]HHtH`@1DG8uHHt-H`DHHtfHH
1ffff.HtsUSHHHHt=H=HUWHHt6HHUt:H[]fD3ZHHuH1[]fD1DHDSDH[]fHtsUSHHHHt=HHVHHt6HHUt:H[
]fDYHHuH1[]fD1DHDTSDH[]fHtsUSHHHHt=HHVHHt6HH~Tt:H[]fDXHHuH1[]fD1DHDRDH[]fHtsUSH
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Lt$f.11LLHHtCH|$9HHtaHITHHtQHLHH1#Q+WHHuH
DA}AmfHPH52H1WLH|$ebL}HH[]A\A]A^DHL
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L8H|$bL&Ht,nHH[]A\A]A^@H
yApA1l1.fffff.AWAVAUATIUSHH5HHD$KI_H7HHHlHLl$t]D11LHHH|$f}Ht1HyRHHt!HLOxJHZOE1HH|$`L
L
KHD[]A\A]A^A_fDHLPAZHNH
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Ajffff.AWAVAUATIUSH(HHtT
LD$IH;
T$4MM41D$tHkHIHHLHH
AALJiD$ufLH([]A\A]A^A_fH{SLHt%H{R9|H3L1J1E1LfL@D$IH;H
$AL1hE1E1;D1HIjAwLLL1HD$HMH]D$E18H|$DQHt$E11HL^|#AH|$QA9|H{H5u}20QHD$HCD^H
A=AL1}g.M1D$IL` f.D$t%
LpHD$HH
ARLfLHcH5`H19z@H
1AnL1fH5I|2H|$O@f.HD$L` fL|$LCP?L3PpL8PH H|$}KH[+gfDATUSHt3LHI$t
HtH[[]A\LHHHMA1HHH@MAH1HDtKtStt^tf+tntv?1@tdf1HDffffffffxfDSHHOt/Ht$tHHD$tHHH[HH1[HwHHf
D1HH+DUSH<HHH=<MHH3=tYH=3tOH5HHt1HHX_=H=`3HEH<HH=M3MH[]H5qffffff.SAH`OfHcLD$HHH
M1uwucLDHt!HHGH`[AH
nbH`1[A fDfA HxfAW@HLHH1I3@H
IADnDbDH`[fAWAVAAUATUSH\$HD\$8TALDD$L3H\$@T$L;LL11t$H9trHtfHPHHLIIILDExlE;XDu6A
AA|$MAHLH9uHD$@L8HD$HL0[]A\A]A^A_f.tAxtt$tAp
tttAptt$tAp(tt$ZA;p,uATpuL9t0L9LDHtHJHHHtHQIFLpIH@@HL4fDDhEL9L9LDHtHJL`MtIT$IFHLpH@IL
fDLLNpL9L9LDHtHQLhMtIMIGLxIH@wD@EcL9t0L9LDHtHQHPHtHJIGLxIH@@HL"@L9tHHJL`L9@LD
Mt
IT$LhMtMeH@H@HLIfDAVAUIATUISH?IDHHu,f.1HHx,u1H#AHH1LHHH>L^H9|HbDHHtBI>DH5sz2IH=I>
HI}C[Im]A\A]A^D[1]A\A]A^ffff.AUATIUSHHHH1fDHEtHRD9LH@Hu{HcHH5H!HUHt'fDDBEH
HRHcIDHuHcLBLH)L9LI<A~L]M$1LLb@I9t^H2HJD9VDuFrt?H9t:LjL9HLDMtIMHrHtLnHWHzHHBHHHuL

9L]LI<$eH5HH[]A\A]DHRHH
AAm\H1[]A\A]1@AWAVIAUATUSHXHt$8HT$@HL$(LD$HD$4t5<-tD<+<!<@<:t<
 aAFIuD$4HX[]A\A]A^A_MnD$D$0D$D$
DDD$$AUMDD)A<=/|$d+ID$HD$(L0Mt6HhHcDMfHLL>;uA<ttHLuMuMA<;vIA<;wHHsf.H`#H;IAAFtL$$!
L$$yAF t|$|!|$YAFtte!t$9AF(tL$ N!L$ AF<t!L$3!L$ t |$@ !!|$
AtAND$t3MAF,t$09tD$0D$1uHD$8|$MHHD$@H8IHt$1D|$Dd$$Lt$A AHL9
HpHPELIILDt
A;HEt
E`Dt$Et
Ep Dt$Et
EpDt Et
Ep(Dt$0EtE;p,u}EtEh<trtAh<th|$|$C|$H9tHVHPIH9@HDHtHrHpHtHVH@H@LHLHHD$8Lt$HHD$@H8A@D
$$pDDD$ uT$1 L$D$Z<;<,MD$MnDMnDMnD$uIHD$H
;MAWI|D4M
H= LupAE A0wcHt$H}DpEqH9t0H9HDHtHVHPHtHrHGHxHH@@HL0AH
V*VD$4A/<;w<HHIA<;wHHIAuH=LXHt$@H|$8E\$4\$4bD@EVH9t0H9HDHtHrHpHtHVHCHXHH@@HLDX
EH9H9HDHtHVHPHtHrHGHHxH@HLffffff.AWAVAUATL%UUSL-31Mt$H3@IDHHtEA<H,tHX$HIDuHA.
L3Huf.L-m'31L%3L5/3M})fHHHHI.t7A|H,nH#HIuAH
3HuH=!3sH=3eH\$H5/Mv3h3HHDD5Ht"H|$E1111I7D$H|$
D$>2

3H5[XHHDD`5Ht"H|$E1111IU7D$H|$
D$2H2
 H5KHHDD4Ht"H|$E1111I6D$H|$
t$u

*2H5WHHDD4Ht"H|$E1111Iz6D$H|Lu

2H5QWHHDD4Ht"H|$E1111I6D$H|$<T$b2uV2%u
?2H[]A\A]A^A_@1H[]A\A]A^A_HD2
2fAWAVAUATUSH8HHHIIHHMIML$H=2H5L$T$tH=p2L$TLHID$t)Ht$J3H=;2L:LLT$It'tH8[]A\A]A^A
_{$1H5f.HH;<uHH2HHI$s(MIEt
As(MtI@LDHuyH81[]A\A]A^A_I$1?1H5q2HcHcMH4Iut
H=2AMtH2HIHtHu@HX tDMtA_D$pIE8=-C$@{(${(H=O+H6I$IEI$@
l{(tP{(\H=OHXBD{(3H=YMZH/C$H=M=HC$@H=*MHC$=[@C$@HP2H1DHHfff.HHHHATUISHH5HthA<$
Ht H
'I:L2[tNH{1H{HktHHsH{H[]A\"fH[]A\fH1[]A\DHD$1D$H[]A\ATUISHH5HtxA<$Ht H
wI:LZt^H(B1HH(t!HH HH[]A\cH[]A\fH1[]A\DHD$0D$H[]A\AWAVAUATIUSHHHMHT$
HHL$(LL$HD$0HD$8HHH=
LMAAuY%
AAH@`zH
AK1gJHHH[]A\A]A^A_DH=6LtmH=' LF
AAH@`rL55LAH
AI1d
AAH@`$L52D$2D$2D${2D$H5HcIH^HI_1ED$Ht{DEtst$pujt$p
uaTPuXT$P(uOHA`^p4t7HcL$HHLHHAHAAt$A9lD$tlHcIGHI|7t?IW IWt)KLHHHP@H@8H
HPH9uID7HGHGL|$0H|$8HE11Hl$@1AUH\$@SjHE11US1j1AHE11US1j1AHE11US1j1A0HE11US1jA1~HE1
1US1j1A]LDPHtX1H

LHHt`fH9tYHHPuCH9t7LHL9HLDMtIQHHHtLIHGHxHH@@HHHuLD$0H|$8HUSE1j111AHE11US1j1AHE1
1US1j1AuHE11US1j1ATHE11US1j1A3H
HHH11US1j1AAHE11US1j1A@HE11US1j1AHE11US1jA@H11US1jAE11wA|$MH5H
HcHVHIHD$0|$LDDDLD\$HAAAtHH@HHJHuH71LfDHp tt(tAtH$tAtH(tAtHHHPI9uH=HLLA>2H5/L>-
1HHu/f.L6.HH(L.9|H\$0HuPH[Ht?CtH3H(uH5OLH1)gfDH5XLH)HHu$H1J).Dx,Lt$(I>#)H5_2HI"I>-H\$
H;(H+@HD$H=LHHLA~:I|H5/LH52L1rfH= L%HB`===HLDf.IGLD$HLHLIH5D/LL58]@H5L1~D%
AAH@`2@H5LtAH5;LUAWAVAUATUSHHHHcHHD$D{{,Dk Dc$Ds(jAIWA@L
zt*AL
ltAL
^`AAH5t+H5jr"AH5GtAH5!@ALA{AHt%A HtA@HA6pAH=t+AH=tA{H=]HHK1WRHVHt$(HH
HH[]A\A]A^A_AL
L
iAL
9AL
TL
@AS%A H cAHAH~ffDA H5gA@H5PAH5}<H50AeA H=yA@H=H=AL
,A L
!vAH=qGDAHAHA HD@AH
AHAHwHd@H5mHHHD$3H
AnArd=|A5AH=6*fAH5Fw6f.H=~@H5L@A@HGAH?xAHI\AHCHL
!F@1fAHAHAHBjf.H@H:@Ht,tzHHHHtHGfffff.HHtHGfffff.HtHbHHfDHq1Ht
HtGHGDf.Gfff.Gfff.tdHt_AUATAUSHH$A~31D9t H$D9
uH[]A\A]fDH1[]A\A]1DH5H=r2H^Hj2Hffff.HQ2H=J2H=A2H5H/2#fHATUSHH?>uH5&HICH=2H5(HX*^H=2
Ht>LH=2Ht"Ljt1LH5LLAH
}AQ9[]A\f.H
AA39[]A\DH5LBH
A58kA/ff.HtVfD1ffff.HGff.ffff.SHGHHtu
HD[HGHH1Ht+O$1H
HHt;uHDf1fff.W(tHtSt^titt
tto1u1HDffffffff fxfDhfDWtHtSt^tftn@ty tr1t|f.1HWDffffffff fxfDhfDW t8tCtNtY
tdtl@1tdf1HDffffffffxfDG@H2H1DG(fDATUSH G$0t.111H.H:HIH
[]A\ft111@G(@Ht1LDHLHT$H4$HHtH{$ HcH4HTHLLDthH
HHItH%HsLLHc/HH4HTHLLD111DHHt1@2HUSH
H1Hx4H}H1HtHcH} HtHHc[]1H[]USH
H1Hhx4H}H1HtHcH} HtHHc[]1H[]HHG Ht#H1\HPH@HH1\mVHHHG Ht#H1fHPH@HH1fVHHHG
Ht#H1bH1PH@HH1bUHATUSHIHHH^HHtnLlH~U111HsHIt?H{1HtL1MUH{ HtL1uO1 @1E1Lk/H3[]A\@H
G[]A\HHtH@HHt$H<$6H<HHtHu1HHHNfffff.HHtH@HHt$H<$H<HHtHu1HHHffffff.HHtHHf.
tKUSHHHHHt
H{ Ht
HH[]ff.USHHHHHtkvH{ Ht5HUHS HHt0t,@uJH[]HSH@HuH[]fDH{ HuH[]HHJ
HH5P|H)HHHH{0H5,|HHHC0HIHt5H<1H
I,Iv=fDf.HIHt5H>:1H
I,I&=fDf.H81IH
_HI I,<ff.USHHHHHtAH{ HtHH[]USHHHHHtXH{ HtH0YH[]AUATIUSHP;1HL t[SCutH{Ht
LEtH L9u1HH[]A\A]t\@Cu2tH{HtLtH{HtLt@H L9uDCu(u$t H{HtLYH L9uBfC u:tH{HtLEH{HtL@H L9ufCu(
u$t H{HtLH L9ufH{HtLH{HtLfpfDH L9[Cu uuft<@Cu"tH{HtLMDH L9ufCu(u$t H{HtLH L9uftl7f.H{HtLH
L9CuutH{HtLu[fCuHuD u@tH{HtL[%H{HtLf.H L9ufCu(u$ u tH{HtLH L9ufH{HtLH{HtLvfDH L9kCu
uuftT0f.H{HtL)H

L9tH{HtL5u@Cu:tH{HtL
H{HtL
@H L9uf.t<@tH{HtL}H L9ujf.C u"tH{HtLu?DH L9u*f.SHHGHt2H@HHHt@15CH[HW
HtHHHHuHt$JHH1HHT$uf.HWIHHH5HHD
H5MrH H5tHH5gtHH5`tHH51tHH5tHH5tH 1DHW HtH1fDH11HtxIDbfDffffffnfDAUATIUSHH/@t,H5sHA
t|H5rHp
tit H=#HAtDH#tKt(HHtHI}HtS1HE1HAH'HD[]A\A]DHuHE1[D]A\A]I} AHt1HE1BAHWIHHH5HHD
H5moH H5qHH5qHH5qHH5QqHH5:qHH5"qH 1DHW
HtH1fDH.1HtxID_fDffffffnfDHHtH@HHt$H<$H<HHtHu1HHHfffff.HHtH@HHt$H<$H<HHtHu1HHHfffff.
HHG Ht#H1\H@H@HH1\EHAWAVE1AUATUSH(HIAI<+<-
LHME)D$AAIcE1H$fIHM9kDtD;[uH$H;LLL$D\$LTLTD\$LL$uIA(Ht0@DE|$+AH(D[]A\A]A^A_LHMtE)D
$AAE1DkDt(H;LLL$LLLL$KIHM9uE1rIEHSuA!LD
>IAD$AMIMtE)AAY9fIAxf.IAD$fffff.SHHGHt2H@HHt@1:H[f.HW
HtHHHuHt$uAHH1HHt$uffff.SHHGHt2H@HHHt@1:H[HW
HtHHHHuHt$@HH1HHT$uf.SHHGHt2H@HHt@1x9H[f.HW
HtHHHuHt$U@HH1HHt$uffff.AWAVAUATUSHHLoHHIM3H{L}L9DuA8AtLLH,LHt\HHHtLfxaMLHjt`E1H[
]A\A]A^A_DAt:H
#jNA9H5H1#;H[]A\A]A^A_@H
iANwH1[]A\A]A^A_fDD7A>-u~tHLLHZmDH
QiA2NH
ZH51MHG:1H)1H)HHHHM(HH5lHHrH:t&tKt:!9t4t#
9HHMxHHMxeUSHHHtJH~LHH2HtAtiHR~gHcHHU)H[]fDHH0Hu
1H[]@HP~HcHHU@1tuff.AWAVAUATUS1HHtwLoIHMt|HMt$L9vVE<$AtLLH2u:AtLLH1u
L1HtHL1]HthH[]A\A]A^A_t>-
u~tHf.H5fnf.ATUSHHH4H@H@Lc0MtH}(>Lc8MtH}PrLc@MtH}xLcHMtHLcPMtHLcXMtHQLc`MtHLchMtH
@LcpMtHh@HHtH{ Ht#HH[]A\fDH{Ht3HDHC HtHHHtH5-2He HLH{ Ht
L1bD H{HbLuH{ Ht
LM1 QH{HJL-H{ Ht
LW1 H{HLH{ Ht
L1} H{HLH{ Ht
L1- H{HL=H{ Ht
Lgn1 mH{HjLH{ Ht
L51 4H{H2LH{ Ht
L1= H{HLMH{ Ht
Lw1H{ HfDH{ HBfDH{ HfDH{ HfDH{ H/fDH{ HgfDH{ HfDH{ HfDH{ Hfffff.HAUATLgxUSH-
vaH_0IHH;HHL9uI}H5DaIH5)2WHLH5a[]A\A]ffffff.
f#USHHHtRHH5`>H1Ht*H{H5`HkH3HCH[]HH5e`HCHCH[]ffffff.HHw
HGtOHHG(HHHHXHH0HHHGxf.HG(HHHGxHfffff.HHwHG
tGH(HG(H0HH4H`HHFHHHGxDHG(HHHGxHH`rHt
HH=I91H=}%1H
2DH22Hfffff.H[HjH}oH`xH#HwHwHlH?HHHHkHHvHiH\GHOHB-H5-
H(8H9HRH<HHGHH=jH"]HHyH=HH=0H3HVHYHwtH=,722Hffff.52u
22u2u(fDHgy2uHHffffff.SHDP2Et)21H[fHHHHLHEH|tH5H=22t52t tH5H=2O2v21fDH
AFVD$V2
D$H[H5)H=>21
#2XHH?HHpHPt
ru` H` fDf.H?g0f.f.H
1HA)B1H@ff.1fHHHff.ff.{ff.kff.HPHXHvfHHLDHH9t

@HPH;PuHXHX
ffff.HATUStGHHA~51 D9t(HHIu[]A\H
A][1]A\Ht;SHHH5"H{yHH5g[@fffff.SHHH7H5^yD$tqHsL@HKH;HSLdSHtH~H[H
A
H1[H
Ao
D$H[DHGH@`ff.f.
 HpHhrRLHxLGLDHLDH)H)r1L9Lrf.uStDDptTfTH
HAhc 1H@pTTfD HHrRLHLGLDHLDH)H)r1L9Lrf.uStDDtTfTH
HAv1H@TTfDUSHHHH(,HH5,H[]fUSHHHH +H H(+H[]f
v1USHHHXHPsytDDXHHHH2+HHHHx(?HHHHI+1HH[]LDLDr1AN9NrzfXTTcTfTTfff.H$@H@H@H@H1
fH1fHd@Ht@Hht ATH5WUSHKH5<I2HHtjMte{HHt ID$E[HHt ID$ELhHpx[]A\fDH5HLH5L8H
AA[G1HH Hffffff.HHH!Hff.HH
Hffffff.HHH!Hff.H(t~ATUISHHH~~ZHuPHHt%MtHI$Ht1HtHU[]A\@HPf.DH(AWAVIAUATIUSHLMIHHHHH
tZMtAMtH@AMtH@AEMtHH@I$HtHH@HEH[]A\A]A^A_fDDHAWAVAUATUSHXHExMcM9t7H
8A31HX[]A\A]A^A_D@AHAAAH:JHH<HLLLDL$$LLHDLLDI9H
~AJ<1ADH
QA=1H
!A81MH5R LL$ LDLDTHHDTLLDLL H5HLD`ZLD$ DTLLL$MH4$HLLLDTLD
HFLHt$,LL$DTLLLD$ LHLLDTLH!LD$
AHD$@HD$HLLLD8LDHt8H|$HLDT$JHt&HD$8LD$I9wLL$L)DT$I9H$H5H{&H{}H5nH H
ZA1H
1AD1H|$HHDT$DT$f.HDT$E1~>Dd$HDD:8r\w"D:hrTwH@HRB4"@84w8HH4DuL, =AD9uDH
AAN1Ht$8H|$@LHt&HD$8LD$I9wLL$L)DT$I9H$H5H{jH{H5HMAnH
\1aH
vA.46H|$@DT$HDTT,HHHt$@DT$H
AAH|$@H<$
H$HxASH
AdfHA]H<$AH|$@DT$
DT$_DT$eHHDT$,H<$aAsofDAWAVIAUATDUSHAHuHuBD:xHhwjHpMN4DB(H[]A\A]A^A_@H
AWH1[]A\A]A^A_fDEH]EHDD$McJ4L$cHILDDHpHHhLD$(HD$DxHpAJLA9{DHD)IDOLIOL$L0L9$AIL
9AEULHEXE)EAE9r{tHcIAJ)ffHAIE1AHfAHH)B)B)B)B)B)B)BNE9w9HcIQA9yHcIQA9^HcIQA9CHcIQA9
(HcIQA9
HcIQA9HcIQA9HcIQA9HcIQ A9HcIQ
A9HcIQA9~oHcIQA9~XHcIQ
A9~AHcIQA9~*HcA9I~HcI@HpDxHh{fDHcAHqE)I0@HH9IHuAH
A0AH@H@HHHw@USHHHH{HkH[]USHHHH{
 HtHHCHH{ HkHtHsHCH[]HGff.HG
HuHGfHAUATIUSHHHH9HtL9t=HH9tHI9t3HHHLH[]A\A]HfDHPHIUI9tHHH[]A\A]H0L9hH[]A\A]fff.HD$Hr
HtHL$1iHD$Hff.HD$H"HtHL$1iHD$HATUASH!HHt4HD1hHHHHa[]A\H
1A>[1]A\ATUASHHtHH=tjHMHHt-D1hH#HHH[]A\fDH
AQW[1]A\11iHA9uHHHATUASH1HtHH=tjHHHt-D1hHcHHh[]A\fDH
Af[1]A\11iHA9uHHHSH1HtHHHH9HFH[ffffff.SH1HtH HHH9HFH[ffffff.XfH4@H``fH@HHXtH`fff.H@ f
fHHGH=HCHfffff.SHHt[DH[HSt*HHtHHtH3H[D1fff.HtHHtH1ffff.USHHHH,HH1tuHCH;EtHP
HEHHCPtSHH@rHHHHHH[]DH1[]ffffff.HHt'H@HH8HtHpHt<HH
A*_1HH
qA./1HHHtWHHH8HtuHpHtHH
AA1HH

A9C1HH
A=o1H1HfHHt1DHHt1DHGfDATUSHPH0_GDHIt@t;H1HTlHTunHCLHHP8HP[]A\DH
ABDkDHP[]A\fDG(HP1[]A\fDHHT$uHCH\$H~DHlHT$0H@8D$D$8H)D$ HD$@HT$HLD$ H
eA(
~\D$HHI$H
Amu\H
C(A7HHH-tC(eH
$C(AD5C(&@Hx
HL$Hc~D$HfDH
AwHgHHfSHPH0H 1GDu#Hcu!HCHL$HP@~D$HP[@HtHbHHHtuHCH$~$H4HHT$0H@@D$8)D$
HHD$@HT$HLD$ H
A(HDHHT.H
QAYH
&A:
ugH
C(AOHHH@C(uH
C(ADGCC(2fff.ATUSHPH0_DHu2Iu6HELHP@IHP[]A\@HP1[]A\HT$H4$2HH4HTuHEH,$~$H4HHT$0H
@@D$8)D$ HHD$@HT$HLD$ H
A(~YHHDIH
&~A:
1|H
}E(AH1I$FHHHHI$HE(I$zH
z}E(AD1HI$BHE(I$+f.AUATUSHXH0oDHBItItDIHTbHTuTHCLLHPHHX[]A\A]DH
|AB_HX[]A\A]fHHT$uHCH\$H~DLdHT$0H@HD$D$8H)D$ HD$@HT$HLD$ H
uA(l$HHIE;H
{G(A|r H
{AvBu_H
Z{C(A_HHH?C(0H
zC(ADC(ff.Hx HL$Hc{~D$HfDH
zAGH7HHSH@H0HHnuHCHPPH@[[HuHCHH\$D$(H@PHHD$0HTHLDH
$A(~|HD$kH
yyA7@H
NyAugH
yC(AwHHHxC(H
xC(ADoxC(g@USHHGHB`uI=~@=t9vbH
CxA0xH1[]H
xA*
1H[]fDHlD$t HydfDH
wA5yoD$fdfHHGHB`u~u)@uP`G<H@XHDH
!wAF
1HH
vAKSffff.HHGHB`u~u)@uP`G<H@XHDH
qvAX
"/1HH
AvA]S"ffff.`1fDFAsL
vSIIHOcMAHc[H[f[Hc [Hc
[H[1HxHH[fH1H>qL;LsL[@H1H=Hc[D#[fDHDBB[fDHD#BB[@HH1HHIHc[fHhHvH[A=D=1,HW@A4D"=}1E
HHDH8[H9r H41[f.HR1HwIL [fDHc[HG[Hf.=AD=

[H[D=1[f=p1Ee[EZAt!17[EtA!1b[@HGfffff.USHHxHHuqH8HH1HwHHHHhHHHH[]@H
IqAH1[]fDH
qAH1[]fDH17H(AH
pRAH
pA
A\"DtHGHHG(ff.HHt'FIsLrIcLbt3ft.\t1Hf.H1HH1H1HHDHXfHc4Hc0IQ1HwLtL9bMYLJf0AD=+1EH4HD80A4
Dxg=1H0@H@D#BBbH@PD
PJfD#,,+f.I1H>L;LLD1MH8L8fH8@GHGHDOH@HG01MvHG0LO0iHcHDHNDHcH=@,D
,#fHc@Hc@Hc@Hc@Hc@Hc@Hc@HcG|HcGtHcGxHcGpxH(HtHLHH=N1D4=1EAD=d=JOEtA!1EAt!1uffffff.
tHfHPV9Wwffffff.ff.HHR9QwfHt+HHtDHHtHB1ffff.HtHHtW8tH1ffff.AVAUIATUSHtnLIt_1E1DHLtYL9}8L1
HLH3uMu5HIuE1[L]A\A]A^fDLpfffff.Ht+H
HtDHHtHB1ffff.HtKUSHHHt&H.9}H0HtH@H[]H1[]1ffff.HtHGfD1ffff.ATIUHOSHWHwL@1H?Ht8I1Lx,L|9|t[]
A\H
hA
_[]A\ATUISHH HH(L1H8Ht8I1Lx,L9|t[]A\H
gA
[]A\AWAVAUATUSHG8Ht$HHLMHILLLl$1^DLLHIx:IwHH4$9IH4$~iHPLuIcAOLLh:)L9|AEHD$H[]A\A]A^
A_f.H1[]A\A]A^A_HL$IEI9HDHH[]A\A]A^A_u,uH8f.HH(1ffff.HHt$1H8tfD1H(f.AWAVMAUATE1USEHHH|$
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HC8LHC8HC@{HAVAUIATUISHHHHEIH
$IIX!HL$PZHHLHx(HHt2HHHHZHH[]A\A]A^@HHHZHHHHHEhHtV$HDLHHHtHH$u3HHGIsH:fD1ZfHfD

AVAUATUHSHHHGHD$HB`u=~=HT$HHP-x+
HU(HQHl$E1HE19E5LxL;!HHLAXt M,1LHl$H+I9'HH%H
HCHB`u=~=uHHD$HHHHAHHL!A/DPHE1QHl$H+AHHCHB`u$=~=tHfEu
xHD[]A\A]A^HHHl$EHuHE1[D]A\A]A^@HE1E1xB1tfHE1E1H1tCHE1Hl$Hu0HAHHD$E1AHLA^PHLAqh/H\
HHHtHlf wSHXALPH9t0sctXfDfDH
HATS21H@HH`HGJDHJDH)H)r1L9LruXBDBD]BDfBDL1HtHff.1HtH1HtH1Ht
HHffff.ffff.7HHH(USHHH5HH(Ht/H5`HHH(H[]@H(H[]1HXfH`HXHHt
HPHDlfl@HpHHxHff.ATUHSHHpH5IHt>Mt9HjLH
HHpt>Lx[]A\DHpHx[]A\HxH wSHALxH9t0sctfDfDH
HA8/1H@HHHGJDHJDH)H)r1L9LruBDBD]BDfBDL1uHPu
1HXfD1HtHGPHwPffffff.1HtHGP1HtHH@1HtHH@AVAUATU1S?[]A\A]A^HHIH5Lc"oI~H5H%HHtSMu1H@
f[]A\A]A^HxfD0LLHx[]A\A]A^fH
A'A&,,f.USH(HG(H<HHDtWHHHt$PH{(H{(1HH|$H5HH{(HHPH([]f.HtGDt1DSHt1[HuHHH1[f.USHHHHH0
H;stHWgt3HtHFHHH\HH[]fHwXff.HGXff.Hw`ff.HG`ff.Hwhff.HGhff.HHHHUSHHHHDtHLHtGHH[]@H
)A&"*D$H[]@H
AK"o*H'1HHATUHSHHH5IHHtCMt>HoLHHH1Ht&L[]A\DH[]A\HHHHfDHHIHH=>1IHH5\IHH=c>1IHH5A:
HHH=@1jHjH5jE1E1wDH(fHHH=b@1jHjH5xjE1E1HH(SHH?tH[H1HHcHHHHHHHHHAHHtHhH-
\HPHSDH8Hl,H!
HHHHHHAH]HyH;HHHHHxH
lHL`HTH1HHE<HY0H-
$HaHuHHHqHHHuH@SHHtH[Hx1HHcHDHkH+HjHkHH%H"H&`zHnHCbH>VHJH2>H2H&HHmHgHHo-
HHBHHHHHHHw~HDrHdfH^ZHWNHBH`6HZ*H
H HHHHHHH?f.HWtHHHEf.HntHH)HEf.@sH4HcHH4HHHHHHAkHHcHjHWHDH]HHvHlHO#H
HH$HHHHxHeHV+HQH+H"HlH/@xHHcHHH4HHH!HHDHHHHHHHHHTH#HHhHH4HH
HHHHHHHVHH/HHAVAUATUHSHHD.H5;w]H5HH1#HHHPHH5HHD1H~dH5rHE~QHPE1L5&IL;Ps{B#X1
LHf1H[]A\A]A^1DHH%H=tH5PfH5<fDH5H~HxtCE1L5%IL;xs#B#1LHL@AsH5H$E1H{L5%u
'IL;csBT#P1LHsH5rHHL%H5HHID1-
H5AHHH5fHHID1gH5HHPHH5(HHID1)H`HmHPt9H5HHPXH\;HHHHtH51HH5Hu}H5H^fHeHH5HH17HHH5
HHD1AlH5R1H\H5(HH5M1HzHD$H1j1E11HLL$ZY_HD$HtBHHH5G1Hm1H5C1H_H5H~-ATUISH11H
Ht4HL1jHHHH:[]A\H
1A
[]A\fDHtHPtH~u
1AUATIUSHH5H$~`H5L~MHPtS1L-!HH9Pv3+X1LL^~f.1H[]A\A]H5NL~H{t01L-!
HH9kvT+P1LL}H5LWG8u
xfHfG8tHXhATUISHhHtdHHtU/LtLu>ALHDP[1]A\[]A\fDLHHh1tLZuASHHH5n-
1H`HH`[fSHHH5qHHH[@SHHH5zHHH[@SHHH5VOH}S8HHHt5HH5SAHHH[ffff.SHHH5H[fAUATAUSHH
D$pqIHHHHHHH0HHt$HK8tFEtAu=gHCHB`u=t=B1HHHH;Ht@|HHh|A@%xHp@xHHIhHPH5TI$PI$XLI$`A
$hHAu{LD.PH
`H
u+HCHB`=y=trfH[]A\A]fDLiHAD.Pt1H[]A\A]D
H[]A\A]@T$HH[]A\A]ft$LHA.1H[]A\A]fDHH5H(HH8H5H(H1H(lH8^LOAD.PHZ5DHHtHHt$HAG8uHH
Du7HWHA`u&=t=~
tfDfDLyHApmDDHfDHG8D$uatWHHHH H8t,LAh(D$HfHfDG8HHHH8HH0HttHH8BDB
tV9tW1D<tHHH9uLBHA /DHDHAufff.Hw8u% t>H@`t%
uD$AfDD$A|LR(D$Hf.USHHH]tH{uH[]L1HAn62<H1[]toSHH8u(uH[tt
t#H[fDfDtuHHHtHHtaH6XDL!Ag,/HD$(D$"ffffff.HGHA`uw=tn=~gu_AVAUATUSHH O8 uO11H2H
[]A\A]A^fDftDHHHtiu_hu{LAemHDD\G8uztiHHtu6D$A|LDDPHUD$t
ut7(LAoeH1uD$AmttHU?D$AB]HHTHtHLHL@IH|$tS1DHH;l$s?HD$ALLH4hAWtH9l$vHfDDG8t@fSHHh

H5;HhHp[G8u SH H8H5|H8[G8 u)HHpt
tHGHB`u=~=tfDHw8HtNtDA<wGuCLAn-
m1Hf.HtQwH9sHfffff.AWAVIAUATAUSIAH(uE1AAEIHHHD$1HD$@u\HI(H9tgAFtHvqIAVDHL$HBJHt@D
tIWHB`utH(1[]A\A]A^A_H([]A\A]A^A_@HH
1H)fHGHI`uZ==?fD1@|tAtD1@u#?t<u@
t1tO8tf.1@?u1@ufD?u1@ufD1@LfAWAVIAUATUSHxHL.T$HnHL$HLD$@HDL$THT$(HD$H|$HHH<HD$
XHH5=FHHD$HHA]HEfHE}HIfAEEL9D$L%1E1M%DPHDhHD$8@O,:L)1H1fDH8HL9w9u@D$6INHA`Ht
$HHHxt$()t HHH+T$HHHw,D$`,@!@@t HtILxLMy@XLH
I(H+AV81M0LL@MHHv9A]HEfHv#E}HMUfAEEL9LAMn2LH|$D\$(HD$hEu|$P1@HL$8H|$LT$0DD$,LL$
EHLL$ DD$,LT$0tJ@D$taIVHB`uHHD$hH|$HHH&f1 fLA[n/LH|$H5Hx1[]A\A]A^A_eAL$PtL7A{nLBH(EH|$-
HD$X2HM\$TH-j 1HH8H9tkH}tut$tD|$LDgtDLUuLLA@APHx1[]A\A]A^A_H|$@HD$HH|$H8t
HD$@H|$XH8Hx[]A\A]A^A_fDAWAVLAUATUSJHD[EtDSEuvMMICwwHH)HHZ1L<Aw{t7Av8IGIEGHt;H
MLHL[]A\A]A^A_DH[]A\A]A^A_@HSMAUHLCLCZYH[]A\A]A^A_f.AWAVAUATIUSHHHDL$LIL,$tEIME
1fIL9,$t.MMHDLuH1[]A\A]A^A_D$L-=1HMu+H[]A\A]A^A_f.I8H(M9tIE0HtAmtLuDu1fAUATIUSAHt3
t+t#IUHB`uA 1H[]A\A]AWAVMAUATIUSHLH(ID$@QDL$MLLHB`L=1HD$H1I8HD$I9&AwHL$tS8IG(IEG
HtMLLHtRuHD$DL30LA/DPH1H([]A\A]A^A_fDH
1I8I9tpAwL$HtK8IG(IEG
HtMLLHuHTHt1HAu8HH%@Lt,Uf.A7L#@LAcDPHDDAWAVAUATIUSHIHHHTHL
LD$(LL$HecHcL=lM$4LEHMP1MLLLbHH1LHbHD$@1HHHD$ejSA
LLLHHLQLSLL$0H L$H$ILLLf1LHkbA$THT$
Ht$H"eHt$1H+e1HLWAHIHMHH\$8HED$L11HD$ZHt$HHdBHt$HT$8H(H9\$8$AxH<$@L@L}LLH-
aHHD[]A\A]A^A_AAD8lL=EIH1H}HAL$8H$tsHa~VHHHHH VH HVH96H)HH&zDBHRHIL H
H9H)H)HH%cA$L!DPL2AE1@Ht$H|$(HE1kKAgLAL/L>fDI$l~lxp@LuL=4AAL[DPLAfL1ADPL<H$AE1L$H
$LADPLfDH$A1E1L$H$4@AE1L$fLA,DPLAE1fDAAA4L(A
LPL3`USHHHH/u3LADPH1H[]fDHtHHHHHtHitfDfDH8ATUHS1HHtu0LQA7DPH1[]A\DHtHt1HtL8LHLH9q
HaHyQmfffff.USHHHHpu4LMAQD%PH1H[]HtHtHt@fDHATUHSHHu-
LAkDPHY~1[]A\fH3tH"tHa~tLL>LHH@{H~kH~[wfDfD?AVAUIATUISHxHHA1
fDu(x,A9H@P
tH3HT$HLLauEL>ADPL|1H[]A\A]A^f.fDLtHT$H4$LAtL}tf.HxH[]A\A]A^fDAVAUATUSH?HHD(IIHHLA1
Du(x,A9H$@P tHHT$HLs
Lt}LtlLt[1H|$u@HH9\$H$L,XtLuA AL[DPL{1H[]A\A]A^DHH[]A\A]A^L{tL{uAAUATIUSHHcC<HHHHHx-
D(H5LHPHAHPHHLHpHMLXuHHtHxE1#Lt&HLLHPJALHDPyH1[]A\A]HoHP}LXMDYH[]A\A]H[]A\A]HG
H@`u$f.ATUHSHHHT$+
HIu2LADPH~x1H[]A\HS~tHB~tHT$LHHtHytHyy@f.Ht@@uAWAVAUATUSHHHHtH}u<A8LDPHw1H[]A\A
]A^A_H~tHE1:}L|$ucHXDY1HIAHcLH}LL{D9AHXA9|Hwt|H|tkH`Htj1]AAWLl$HcHLztH`L&D9t'A_fDAFA
MH"wtHwuAeqffff.HHHHtH uSUSHHt3HH|u9LHA{DPuH1[]@fD1H|tH[]f.HHHtH
uhUSHHHH*|tHzu=LADPHt1H[]fDHHH
}tHautHDf.AVAUATUHSHqIMtMHN{tHyu9ALDPHs1[]A\A]A^f.HytLA~HE1!HpHztAE9t"DLHuAlH@tt1H}z
uA;HttEurUSHHHH$zu0LHADPrH1[]1HytH[]fffff.H(tHt
USHHHHyu6LgADPH"r1H[]f1HAytfDUSHHHHyt1Hxu3LHADPqH1[]fDH[]fff.ATUHS1HHHTHt+|$+Hdxt`
HwtOHvt>Dd$D;d$}uDAD9d$eDH
xuAALDPHp1H[]A\ALH`qtHTquA#ATUHSDH-
HmwtHvu0L9A<DPHo1[]A\DHutHwtAt1HvtHptHpqEtmfffff.AVAUATUHSH3HH
HDHDZvtHtu5L&ADPHn1H []A\A]A^fHttHTHtHMHDfEL@HDMHtL1HILvAePH1nHH@H|$H58~1
E1H|$t3HD$HO,$B4`t.HD$F$(fEBALeIL9d$wLARDPHlm1DAHttHt$LHuu)LSAmDPHmHH|$H5xL@fDHmtH
muCALDAHr9I1M&LfHfff.USHHtpHH,Hssu_LPADPH1
lHH5#HHH[]fHqtHHH4tmHl]yfAVAUATUISHHHDHDHD$tL1MHHL$HTLDAH|$tHtr?L"APHj1H[]A\]
A^3LHM{H|$d@LxMPLl$ 1L$1ALLHMHAHKHLfD$

H!%tADHJHDHL)HHT$-Ht$HLl$HI
HHD$tHLH{)u4LHA$DPiHLx1H|$LftH|$3tHLD1@HHD$HHtaHH5=0Ht$H|$H"1PeHHA4LDHD$H -LAluLl$M
AlI(HtH8HHIpHpHtlHHHzHH9s*HAHEI~H9IpH)I9xL4Hu30u*LntLmAtLDDH[]A\A]A^fAIL{ZfA^L[D:fAkL;f
L!AD(HfHAPALDPHfL~gHHff.ATUSHIHt$HLiAH8HT$HH=w{H)H)HLHFHD$mtHt$HLlALDPH1~eH[]A\HX
PHH@x@H/HHHXHT$HHTH
HT$H<$1}ff.AWAVAUATUSH8HHD$
HD$(8KLXHHMHH%0D$E1E1H$Hx@HIuH;$AXLHH$)HVktHiLAdDHPcH81[]A\A]A^A_tgH$HH?x@HItufH
9$t`HE1HKDH8[]A\A]A^A_@HH$HHXuHE1E1@1HAD+tFAEH9`HrDit'MbD9tHTf.LDhLcHD$H%E1H$WAN
LvAL{D^fH#h.T$Ht9H
HHjtV1H'itCHbtHt$HeALD@AwLDfHHHXHPitDHh#AmL]D@Hg[D$HtH4$HT$(Hg'HaHaHt$HdHaH5dH+D$|
$Hu~HHthHE1HjjLPLL$HHHL$0H HT$ LHggD$E1HE1HjjLLL$@HHL$0H
1kCfltaUSHH1HHftHreu6LADkPHZ_1H[]fDH0`thff.AWAVAUATIUSIHHHHHHtGHtHu=LADPLE1^HD[]A\A
]A^A_@ID$HI<$HHID$I<$H9H9AH9L<HHI\$M<$AuqIHID$HLI$nACALP2LE1]@AL~Q/LE1]@AL~AQ/Ll]
HH~uEHHHFHwU8u}HHfDL1~AnE2\1HAL}E/\1HAATUSHH8HH~unLA<I$(t,L}}HDGP>\[]A\H5Q}?/XI$(HH
(tv[]A\f.L}H1A5nG2[[]A\L|H1A/DGP[[]A\AB)DAWAVAUATUSHHHFHtL.L`AUI9t=Lv|ASnD2H1/[H[]A\A]A^
A_fDLMuHHFMHH5 |_H8H0LH5{`LI8HH8HAL0soAEt
AEAtECD&fBD!@fDLa{AZD2Zf.IEHyLHHDITHTH)H)DHLzAcDDPHYAEECD&BD!Mffff.USHHHHHtVHH
6t5H=taH}xH[]LQzHA~nH(DYDH[]DLzHAnHnDXDH[]DLyHAnH2XH1[]@H@u5HWHA`uTt>Mu,HLay
AnInX1HH~t@L*yAnI2W1@f.H~uTHf.@AVAUMATUISH(IHtLHnHHH5xxHHHfP[]A\A]A^H1@1HHHI$MA
VMD$H ZY[]A\A]A^fDf.H5wHHHHtI9l$siLwHAD4PuV[1]A\A]A^f.LwAn4nH<V1DI4$HHI,$I)l$USHHHtH
HHLMlLFHLH&DHH9H)HHtHuLHTHtHAHH5v8i|$H5uv9HHT$Ht$ Lt#0T>fT8T$@HHH[]f.LuHA
n52T1H[]LuHA0nF(lT1H[]LuHA
nFn<T1H[]LQuA<DFPHT4HHH|H|HxHH)H)HT$T>T8T$AUATIUSHHtjHHvHv&HHJHHNfHKH9uHuoA]Lztn
C2L19SH[]A\A]@LItLAPnCnSH[]A\A]BLnHHLkI9uHH5s`I$H5sLaHI$AdHHtiL;kH3LJL+L)kIIHpLHt[HxA$
L9tiA$A|uIL7sDCPL1QAiA$A$tHuHHrLMHpI$Hpt IHHxL~rADCPL9Q@AUATUSHHHFHv%H
HzH>HxfHH~vft4ALra2HP1H[]A\A]HJjHHHHHNtHJHHHHFuuLHMHIt}fD1LL9`tPLu9|AXfDLaqA`/HP1GDH
X1ALqgu$HH8x(@tx$t
ffff.HHuH@HHFHvBHHDHHHHFu'fAuOt5HLApAd2N1HLpAtd/N1HAVAUATUSHH HH@Ht
Ht4LoADPHpN1H []A\A]A^HNA HH>LaD/LGLfLfAEMHD$rfD9AtLHT$HtHHDHt*HT$
A9uD@fF9,b5IL9uA*LnHl/MH 1[]A\A]A^ffD9A:uIvGLafI9t6AALqnH22MH
1[]A\A]A^LoMHFKD%HtHOHILLHeD$LHH&HL8fDAEDDHHH@fDHH@LbmAN2/HLLD$AHL'mAsLD$YD
$rAUATUSHHHVHvHLjfI9t3LlAg2H1KH[]A\A]HHFLaHHH5la{MHHtHlLLGHH\LvH
HFHuWt%tHLkAn/J1HLkAn2oJ1HHv:HH
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o@ Do@0To@@dLiAr/GHH1[]fDHzH/LL$HLLD$IAHtM ff.I@HHtIfDLL$HLLD$IAHtM
ff.LOHMtd1uHHH8I9tKDD9uD@AtD9uHt0H9f.HH8L9t09uf.1fff.HOHHt1fH@H8H9uf.AWAVMAUATMUSIH
(HHL$Ht
AD$81@1HIt]pLtLtAGuQIG(Ht.HAw0MMLHT$,Rt$xHL$(H
~*H([]A\A]A^A_fDAOft$LgAn+LE1fLagAn+nLE1AWAVAUATUSHhLIDL$LD$8%HL$0H$D$A%I1D$HD$X
1HDHDPHD$ HDLHD(HHA7Aw t$8t$PDLLPLD8LHL$@H
hA7H<$LH<$JHT$XHtHt$PH<$LH<$qED$tAGAGIGHtA7MG
DHL$PLHH8I9ML$DLHDPHDXIAwtL$tAGtT$IGHALSeD*PLCHh1[]A\A]A^A_Hh[]A\A]A^A_@t$LLeA*
LUCAff.AUATIUS1IHH~Ht.@s1LHt+SHH8I9l$PwH[]A\A]fDHH8I9l$wH[]A\A]AVAUL5MdATU1SHGIHL%
Ht fL9ct2HH8H9wI]HH5dL[]A\A]A^mrDH{
ILHH8OrH{JL>rIEH9rHFHuAWAVIAUATHcUSHH4HH}H)H8>HI1HtyHEIGHMHtcE11E1L
L5<cfII8I9s4ILEMM9HuLt<II8HC I9HC0rH[]A\A]A^A_Ix .LLLL=L$0LHC Ix0c=H{ HC0HMLL$H
>fDL1wfHH@11HHHDv+/tvT3tvet3tu&sw
svt1@tt1#tr)w1uAWAVIAUATAUSH5aIHMHLLpH5haHoHHHLHLHD$PALL{HKLuM@HEu{L##u/I1D

HfDH5`H<oH5`H(o1H[]A\A]A^A_DhuAwfH5q`HnH5]`HnH1[]A\A]A^A_IIH#`HH4H)HnH%IIHH)H
H1HH(H
$H@@
fPHHH
6@@fD HHHX Hh0IfDHuMt1AWAVMAUATAUSMHHL@u@uS I1Ht?1H[]A\A]A^A_fDuw
tDIIH^HH4H)HmHtIIHH)H1fPHT$@H@@
@DhHP(HT$HHhL`fLp
HP0IfAWAVIAUATAUSH5^IHMHLLlH5]H~lHHHLHLHD$PALL{HKLuM@HEu{Lu/UI11DBHfH5Q]Hk
H5=]Hk1H[]A\A]A^A_DuAwfH5\H\kH5\HHkH1[]A\A]A^A_IIH\HH4H)H~kH%IIHH)H
H1HH(H
H@@
fPHHH
@fD
HX
HHHh0IUSHHHFHtfH>HHHFH>H9wLHH)HHFHH;HHVuJH[]@L[HA3P29H1[]AAL{[HQ(9H1[]A:AUATUSH
HHVHvH>HJfH9t3AkL[n=2H/91H[]A\A]fHHHFHtHBHGHZfH9uxLgtuHEHB`u=~=uTHL(MLH9
>A~HAw1HLHt+ALYn=pH81H8H5Y hH5RY1H8gH4YHL4HH8tf , [HLLtOH H(LYAD=PH.71
HH~uuHHHFHHt08t(ALX;/61HHLYXAn;2o61HAATUSHFHHtHL`
I9t1LWAn@2H
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[fDLUHAD>PD$3D$H[fDf.SHH HVHvHHzfH9t0LaUA$ng2Ht31H [@HHHHHFHL$H|$tt
fDHt$HuLTA*ng2HD$2D$wfSHH HVHvHHzfH9t0LTA9n?2H21H [@HHHHHFHL$H|$tt
fDHt$1HuLTA?n?2HD$2D$zfff.uHt
AWAVAVAUATUSHHHHFHL&A$@IL$HHHHN@H[]A\A]A^A_f.KT,L)HXHFHH50MHXLeIvHEMl$fI9AfD
LRnA2H01H[]A\A]A^A_fHvEl$HfAEL9>Ad1HHXIAD$IL$MefI9I)HL4tLl$VfL9t$HXH6tcMItIAIINfI9r.I)HL4t
"1LHL$mWHIuAALwWLQADAPH/1HDWALRQAqAAPHe/1IMHPLeHEuH[]A\A]A^A_H`H50HT$Ht$1LHH`t
L9d$tAffff.HHt
H u
DHHtH u`AUATUSHHHFHvHHxfH9t;AL&Pn72H?.1H[]A\A]ffDHHLbHHFvLHH)HHttHtHH9sAzHH5O]LH5
O1II]HNIIHL)HItILOAD7PH-
1AWAVIAUATUSH(H|$e*HtpIFHv'IH*HZIFIf@uH9vWALNaH|$2,H(1[]A\A]A^A_H([]A\A]A^A_@L|$H+H)IF
IL)IIXLWHAtHtkH\$@HD$HE1fD$fE-@AE9t
DLH9XuHL$EHXHtHD$HuAIFHtGIH
HIFIH9wH)HHIIFA/L:M`A(Du
HFHtHL@
I9t0LLHANn<2*1H@HJHMHHFHu'@ut@HH9t
ufDf.AWAVAUATUSH8t
HHHu_HnHvL>LeAfI9tvAxLK2HE1)H8D[]A\A]A^A_DLKArDPE1)fAI/HFHT$(HHt$ 2{HH@HHL$Hft
MMtIEgHUfAHEqEOIOHH$fAEI9NHHE1HD$HHDHTLHTHHHH4$LHfD%AsAHHEeHEfAHEEMIEHH$f
AEL9L)MN,0tvEuHftHD9HLHTE1DHHL$(HT$ ADHaE1-
ADLyIAmH'E1ALGIl/HE1]'YL!IAl/H4'0ALHA2/H'LHA:PH&DAWAVAUATUSHhHHHHLvHIvL>IFA/fH9AL
2Hf2HE1H&HLL.L'L'L&Ht$0L;)L'qLD$0HLLHtH At fDAHhD[]A\A]A^A_DK7HMoHFHv MfI9vAHH1
WH$H0H<$HDHHD(^LD$H<$11Hb~-HD$@H<$HT$(MLHHD$h~H|$(
tfH<$jH|$ALcFDfPH|$E1H<$+H|ALFAH<$H|$H|$Kt%
AAu]fAufAunAGHff9t~LEALf/H#0AeLE4f/HE1#L_EA4tf/Hr#H8Iw1HH$DbH9$_AG
AOMN$IGEHD$fAEM9r"M)J8tLrIAH9r H)H t)LDAVf2H"=1HLHT~}HL$H9H)H=X HHT$LHHLt`1HLHD$
'tXL)tL&(u<L,ALCDfPH"oAp\L$)tH50 L*tHPH0L=*sHHT$8LH8HCK1L(4LI'+L(tL'uL+A3LH(tL!t<$te3L

(tL&uL3+AHL'tL!t,L'tLZ&L*A+ffffff.SHH
 HVHvHHzfDL9t/LAAnB2H1H [HHHHHFHL$H|$tut!HCHB`uh=t_=~XHH5ZAHHOHH|$H@HHH@HHt
EL@ADBPHDDDH~uHHDL@HAn:21H@HH~uEuHLY@An8/o1HL)@An82?1HAWAVAUATUSHhHD$X
HFHHHHHPfH9HtH)HHUHuxHDQHLafAEL9oL)O4<HHZHDXHl$
HDLDE1HD$HMHD$(HD$`HD$0HDVHD8HE&HAtHL$HLHH|$XHa1PHIH|$XNHHt$(IL|$X~HEIxu
xD$Ix@FIHD$HH8x@FL9jHl$
IH|$X&HLLeLpBHUHQHuHJfH96H|H)HHMH}MNHLFH98H)EI4t3HHLFH9H)I4D9vHAH9HHLL)E1LHHPD$
PjtpH HDMHTX$HHh[]A\A]A^A_fL<A'n2H1AL<n2HH|$XL1fDHt
H@tLL$E11HLHUlnt
1tEL|$XkA+I9SiMb99E+hD9#A'D9@HxH
H$AHHt8EVH$M~HfAAH9rH)M4/HH$@A4L:n2H1DH|$XJHD$XxT@
LH`XH7HD$XvDH59HH9HLHHT$0HHHDHLDHH5:PD$@L?HL$@H|$XH@HHHt$X?RH|$XIHD$X_A|L9
DPH1@AHt$8L$@HfLVVL@HHDHHL@EHHDXHT@Ht$0HHt$HH|$X']txH|$X\teHt$@H|$0L8A=nPH
1AAHl$
L|YHt@H|$0Le8AnDPHxASAKH|$0HPAa|DH~uhfL7HAl21H@HUSHHHHu4L}7A*DPH1H[]HctHRtHHHH
HtHHHH`dHTHD`fDfDua
uXH8tNUSHH1HHu7Lh6A<DPH{1H[]ffD1Htffffff.HUSHHHHCu/L5ATD$PH1H[]fHtHHtHtDfDHH8@P
uHH8USHHHHT$HlHVu2L4ApDPH1H[]DHtHT$H4$HItHtffffff.HfCAWAVIAUATIUS1AHHT$HcH|$AH$L,X
idtwMtXIf9
L:LLLE1HH9\$_LtL{uoALJ3D
PLc1H[]A\A]A^A_H[]A\A]A^A_fDfAAUSHHxt=Hxt1#Ht;1Ht(xH[]f.Li2HADP|H1[]THWHA`utMuoUSHHHHQ
tUHtDHCHB`u=t=[HtGH[]fDAL{1DPH1H[]AHHU@1uff.ATUSHHt5HHHt"HIHHTHttH[]A\t3Lt2THtLTtH
DLq0HADP1H[]A\HHUSHHHHxu4L/A
 DPH1H[]HtHtHHHHLtHtHdfffff.HXUSHHHHu3L/A6DPH'
1H[]fDHtH5tHXHHpt1HsH
cfffff.HH8x(@tq@$=u\=tUUSHHHHouSL-ASDPH1H[]fDfD1H tfffff.HHt|USHHHHu2LC-
HAcDPVH1[]D1HytH[]ffffff.USHHHGHB`u6=~-=t&H+Hu=A{DAqL,DcPH
1H[]Hst3HtHTtfAUATIUSHHHHH3LJt6Lt%HLfAL+DPH 1H[]A\A]t
11uAfHtH[]A\A]3LtL%AXfHhHIHt$HrHHt$HLqtL L*ADPHLkH|$H5e*81@HL0LE
L*APHLj1fAL)A;H|$H5)7HHLHL@"DHHAUATUSHHHxHH,HtH@
u<AL)DePH(1Hx[]A\A]fDHtHt$@HB
tHT$(rH
t1H uH
[HH
8HHT$HHH8HCH1HH@z
1`H\
HHT$@H 1HHt$HL$X@HHt$XHT$H
tHD$H9D$t)AAALC'/HQtH@tHT$HtHHT$hHt$Ht-Ht$hHT$ Hv tHD$ H9D$t"AAL&HtHt$PHtHT$0
HetHD$PH+D$@HD$` H=RHD$PIHH1
WHfgMIH<>11MHLALDPHL(HT$`Ht$0LVG~uHt$`HD$PAAHH=rw#HT$8HJtHD$0H;D$8tdAKL%DHeP1L
\LfgA;A3LH%AA' H+D$PH9D$(uHBtH6tUSH 00H8H$H* D$ HD$H0*HD$H0*HD$HH8@v
H8[]HHt$HH
uL\$AnDPHo1ff.USHHH t_tH[]*H^ urAL#HDPH1[]Dt*H
tHuGAHyH{i;fHtHAtff.USHH)HHOu3L"ADPH1H[]fDHtHtHtDG\fff.Gdfff.Wd1u 1\fff.O\1u
WH1ff.GHG\GdGtGdG`USHHLE!wCdt{Ht4CdCHt!{|tHH[]VfDH[]fAWAVAUATUSHH It$,wtTIhHHD$
  AFlLL IHa AFHg
IhHWAF8eH<0L%0L=0HD$H0H$HLDHTHAFLH- L- HLHTO)A{Lj DJPLK1AnlHQHD$
HtL$,LH[]A\A]A^A_uAF\AF`H|$ D$,AF8t)IHLHD$

IFAH@`%==uD$,AhLrDaLSfDAFLAFPAvPLAAFPw]IcDLfAFH1@EVdEtA~HA,fAFLHDPHLHTLHD0H
HD$T|$DLAFLAFPAvPLAAFPwZHcDHDAFLHtAF8: LLH$AFL~fDA~dtA~HAiLJPLH IFHB`==AfDzE11
LAuILTAIILALuA`t=L1IHt
H
uAFhIhAFHAFLHIHAF8H0L%x0L=10HD$H0H$@IH|$0gTIFT$DLHt$0HPh2HD$HHtHt$0L`IFT$DLHt$0HPp)
H|$0DIFH@`CEFxE6AV\#lcLPx'AFLAFPAFHAFTIhHD$HH'AV8H0L=u0L%0HD$H0HD$AFhtAAFhHL$HHl$
PL--AFTHHLDHL$LMIH!LIAD`PLl1AV\#t
L@Hi0L=r0L%0HD$H0HD$DLfHCH@`HD$HHHHT$PHD$XHHAH!CTHCH@`6HHtHezMtC8
HAt$DHHD$tqHHHL$H(HD$0H9D$0-
HCH@`HH(HCTH4$HIWfCTCXsXHACXuIcDLHCIH@`H`HHPHCHH@`CT5@
LIHDLIHDLfDE^dEtA~HAA$IHHD$ LAF\#IFHfHt$HfDHAAnDCdIt
{HALGDI1mCdIt
{HQA@Avdtt$LAaPL_H
`ABayk1IFH@`LjCTUHHHHHcHL$0H+WHT$8IHL$0HT$8H9r
HuIAeL(H|$0AT(H|$0ENdEtA~H(AMy[FHHA|t$@H0GHtIAL*DaL1IAyLD]H|$0AAH]LHA[`/I1O1HfDwdfff.Gl
fff.GlPEGlfffff.1tG8t1\.u1@tKG8u4G\tM.w.t\SH^tG[t'DG\.v.u!\.t[fGHGdG\f.1ffDSG(HH111~C([ffff.WH1t?Ht.t$
G8W\t 1fDH1Ht 1\$ftG81!AWAVIAUATUSHHHLPMtA4$1LAIHIGH@`tHHJ
@HH9
8tAHrI
HHOAO<AI:=LXLPH7MtLLHlHIGH@`t0IHHHkHL&HD$A`LD$,^H|$D$,HD$HHHHHHAHEE1E1HD$HD$8
HD$ 2AU8=D9@Lt$8AH|$OA9L;t$|H|$DO1HLIGRuIGHT$
HLH|$uIWIH@B`CA9E0bA9E,HD$NfD1L$uR1*fDALDPLHH[]A\A]A^A_L5IHIGH@`AE11
LAgLA_PL1\=tAHL0AI0MPLLNAtAIP M0t?HA AALLD1
LAl=zAU4D9HD$]MH|$D$,u'IGHT$8HH=0ACAt!IGHT$8HH=0HAHALt|IHHtiIGH@`uI@EKA~9E1IDHK0HA
E9u1HvtHALAPL1AL_DALIAPLH|$H5I1=lLADPLdCE11HL1H`"A`AUAT1USHH(HHHH{MAHxHHBANxSH
KH@`t~HH8Htk}9ztcAVDL
/Hb'L
AE/HE19HD[]A\A]HHHt
~H}uH9tq==}@IHHx@I9t+L$
Ak/HIfHAH8HD[]A\A]fDA<L L
At/HAWAVAUATIUSHLxMHl$1L$IAHHHIMHLAHHIAI!%tDIVLDII)IHpHLH5qHH$(H<$HD$HIH5qxHIH$
H5N|HHIHHL$ILLHHAHD$H$AMfDLATPHl$L$1E1%E1HD$H$HLHH<$HnHH|$HULhHD[]A\A]A^A_L)A`
D(LE1HDHE1_LAe(LLE1HDHE1LAlDPLE1HDHLiAtAPLE1@L9ADPLHDHufDATUISHHHHLHD$
Ht+H HT$LH)HHu4LHA<DPH1[]A\D1HT$s,ubtt 1fLH[]A\@HHDHBHH)r19H0rDAWAVAUATUSHH8HH8@
%HSHHIn1H}HIKH5l HILk~ LAL#DPHE1L|H LL
1H8[]A\A]A^A_@LA{J(H$1ALAkfHItHD(LHi]LNADPH#@L!AAPH1DH LH~H
LHaH\$HT$LHDLIALH\$0HT$A LLHD$Hj~o0Lt7H|$vLtHT$HLu9AALALLzHLH
ffff.AVAUATUISHHHH8huU@A@U@@ !H[]A\A]A^fDkuHH
HHHH
HHHHH1H[]A\A]A^HH$AHHQiHI;=H2H5+0
HH H}.eE@;L?ALDPH#E1HHD$LML@HHA6H>HIA1LHHH?/LH-
ALDPH\1LxHIHe~~Lt$1A0HLLcf~_Ht$HLot H4$A0HLL3feLTAwPH)DL)APHHH0
LvfDHHD$HHHHI1HHH|4H|$H5ZLf=1HLTH<$
PpHT$LIHcAL!DPHDHHD$Ht.OpHT$LIHc5LADPH@LADPH19DHt$LCHLCANPHLA
DPH|LAAPHLLA9DPHLA@AHPH|$H5`Z1?;Zf.AL3AtfHHt$NHH5HHH5HaHHH+LAAPHHt$HL{tHH|$H5[ZL
9:Ht$H<$MH:LATDPH{bLr;~LNAHT$H4$A0HHE1#HHH0ATUISHGHHB`u=~=H1Ht
HHLH1xHtOHCHB`u9=t0=~)HHHR tk[]A\@HpHt|HxLNA
LDPHLiA

mHtLA
H &5ffff.ufLHABP;1H@SHOHHP`G\u. ~ut.wCH
HcH.H
|HcH<L5HA
1[@'wHHcHTHH8@>
:;d\HHC(NSHHH 1[DZxuC\ [ffC\[ftA9C\[C\[fC\)[f.nDH;H8@ ~#PC\[fMC\[fTC\[fC\
[fu~,Ht"HHPtaDHH8z @TC\[fDfDfDEu
G\'[ffG\&[ftx
hhNdRu-t m
tKC\[CG\-[C\
[~
@P@SHOHHP`G\u tD.H
THcH`tfC\[f0HHcHttC\[C\[fHH[C\[Dd[@uC\[:cC\.[HtHG[DH1HC\rW[mHC\[L HADWPl1[C\
[ftDE7HH
C\[DHHD@G\[fDuG\0[d-
C\+[Dh3GDALHDVPe1[AG\/[f.\/w:G\HHcHtt1rDf.HGH@`ttGxqHGGDH@`tH{1tHffff.G\$YH5HcHHW0Hf.HQ
_0Hf.HQ`0Hf.H!U0Hf.HX0Hf.HGH@`H\0HDHY0HCf.H[0Hf.HyV0Hf.HDLHAP1H@HiU08fff.\-G\HHcH@f.H
Nf.f.1?HDff.@f.1ffff.HFHHv%H>HOHHHHHNtDGHL9s6LWHHA21HHOL)AHFHNLs9AuwEt!wA@0tQDL1f
L0HLHwH0DH|1H|0HxHH)H)DHHHLw0DL1L0HAWAVAAUATUSHHXHFHD$0HHHHD2HzHNH>fA}ufAB
HHAHoBE1oG@HHX HFHH HFHXD#HL9GHL)I
N#HFLHyIRHHPHHVQIREjHHPHHVEHD$@HD$HHL$0Ht$@E1AHLT$<7xHT$0AH3_HMLT$EH@`=T=IE
1EtL9PDDLTHL$/H0LH\HL$LTDDELHHhHD$8HL$8Ht$@E1HhAH96t%HT$8E11AH(<H|$8H5j1RfDHw
jf.ALq2HH|$0H51HX[]A\A]A^A_DAL
R0I MAH3JL3GI umIIMAH3OL3GI
uXHZ"H"AHFH;@LA,q/HdCHHfDLAq2HHtARHfH9uIREHFHD$HHHT$@HHMEH@`ATjDAcDASE1AHT$0
HLT$1LT$HEHB`u=~=y}HHHwHPiHqPLT$1HD$8D$,HT$,LLD$8HHcD$,HLT$HAHD$8HqMHt
L9PRHH;xLT$
HHHLHLLT$9E>LAkqFHEjLhAq/HL?AUq/HHMtoL;PufHXLHLTHLHLLT5LAnq/H'HPHUEHF`~xtpH
LH<@HD9LAXq/H}\MLPtHXHLHHLAEq/H* HHLT$1HHLT$LZA3DqPHHLTLTLAq
HvUH|$8H5kHHD$8YHH@DLAb/HHL$0E1E1HLT$4HLT$J1EHE11ADHHHT$0G5sHUH@`u>t4~,HPBHEHH
P
$H|$0H5:HHmurLAWq/HE1111H*bHHHPHHpm<HDHHLAq/H_>E==AL1HHLT$qff.AWAVIAUATUSHHHw
HH+HUIGHA`u~HwZL#A5Ho2E11L)H5bJ0HHH[]A\A]A^A_fIqHHH qH HqI7HpHIwrH9iHQqHHHHH qIIGH
H9H|$
 E1H|$H|$(H|$H|$0H|L,HtH)1IGHL$ M/(HI'L9l$ GHEHB`u=t=LHP:IGIHwHv4IHqHHHH qIIGH
H9GA=LpNfDH-IH
HIGI
DL)HA+AoPE11fIGHD$(I7HHPHNfH9H4HL$0HL$H)E1MI7Ht$AIWE1HHD$8*$E1IHT$(MLHA0H|$(H5Oce
HHAXt Ek2AL HADo(nE11LHAE
o*@1LHAKo21LHAiAoP1bH|$(H5W_1EL?HAVo21H1HHHHEHItHhtfLAoPH1E1;1E1gLHAo1}Ht$0LHHUH
A`HHT$0H$HpHHHHHEHB`uv=tm=~fHH@HkuG1E11HH8R PXLAo/1E1`ALTffff.AVAUATUISfHH H0
HGHB`u=t=ID$HtI<$HD/L9s;A Li2H'1H []A\A]A^LwL)H5bID$K.I$HPMHPHX}HCH@`0IDHvIHPfH9A
:GDHD$;HPH5 XHHpH5 HPHX#ID$HpHI$H*H9LjH)H58ID$IT-I$HpHHpHxIT$HvI$HfH9A L$DA
DHLLHHPtLXTfLA DiPHHH)HH4IT$1HL$HD$I4$Ht$S*L$A hiPH[fLHyFI|$HSHHHA`=t]=~V1hfH*uL}A
AiPHA HHLHHpGHxHH)E1H4HLHLIT$A@I4$HtHHD"t!HT$E11A@H(uH|$H5 *1H|$H5
H)LfA iPH1fAWAVAUATIUSHH8HvHD$HHHHnHD0HHHkHR`AfDA~
AE1E1E1HzHHHHkfAD?A2f=H91I$H1HL$hHHAB
LIHGHtAID$HB`u=~=uI$LDHLDHILDH$=H$LDI1LDHH$H5Z

HI$HP!I$H5H^
HPHXHHLDHPIHPHH9kL$H3HzH3H{EI$LLt
H.HH)HHSDhL`HXID$LA@`Lt$ ==HvHfH9qAu
FHv:DHHnHHE1E1HkE1fAEDH9A$
L3n2LH|$H5
1H8[]A\A]A^A_DHvHHD@HHNAHHKtDxHnL9rLh L)EHkKL=HfDEt3I$t7HP@Af
3DZfD=t=~Aa
L3AnPLHHHT$(HL$ HL$H3E1HCA LLHT$E11A L#+I$E1IHHPHXLtL$ I$HPID$HB`==LHH~HcIjISH
QMA
HHPLPAWnBH I$H|$H5
HX@L]LA
nPLTLiA
DnPL+ATUHSHFHtHH1HQHHP@HSt2LA
I2Hn1[]A\HwA
LfDDaQHHHII QHHCI I9uH5
L=HHht7L9cr&H3LH
L#L)cLpYA
fL3A
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HH1[]A\uLUA:
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HCHHP 1wHR1>HHH8HH1HtHPHCHHP HCH@`H~[MRyG;1if.4RHEG15fDf.ATUSH HH8h @uH
[]A\D`HHH3Ht$H)Htd@t]AAtH|$AtHHuLA(DPH1eLyAH(H
1[]A\HHHVL+A0(HDDA!L{fAWAVIAUATIUSHXHH.HD$8H^H8HDbIEAHAHtFIH8@ DupEukDLAx
L;d@A AAE&IH8@ DtIt5LA
@m2L>E1L1HX[]A\A]A^A_fIGHI?HD/fAEL9LOL)IIGK)IFMMIH5LDDLLLLHLLLDHDIoLADPLGE1
LA2LE1@IGD$HHI7HfH9LVH)HIGI4
I7DHfAAH9LNH)HIGI4 I7HfH9oL$HNH)IGT$$H49DD$ LLLTD$I7HL$(I0MIHDLLTLLDD$
T$$L1L$D\$DD$ LL$ DD$ LL$1H$AL L$H|$(1HD$
H<HHDH|$HD\$H|$D\$D\$jLARf/L=H<$H|$H|$LLE1}LyA62LE1@IGHI?HfH9HH)L,HIGM/EUHfAAH9iIH)
MD
HIGMMA0HH9H9MHH)HIGM$1M'A4$Hff4$H9IH)DT$
M4IG1LLLMD\$HID\$LLLDT$ 1ALLLLD\$HIbLLt1LuHI>4$1LWHI L]D\$IH8B
+ID$H,HID$IGHD$@H)HIVHB`HIHL2HIGILf.HIHt$@HA+ YIGHv2IHfDL9rLIL)HIGKInA7
LDLA2LE1@IGHtgIHJ2IHHHIOvLJHH@IIGgLAz/LsE10LA2LDE1@A LDLLA% LDmPLE1A
LSyfH59DIDHL A(LlE1)@LAm
L<E1@fLDD$DuMDmkHD$IIGHtIHH9$AL@`LLT$LELLT$bHL9sAG
L&LTLyHILLTHT$@Ht$81MHLTLLLTIHHt
x;Ht$HHHLLT$L$feHIL$LTHLHLLLH|$HH52i]LAl {m3Lz:LA?APLQHDHDH$A=
LAPLE1AKLnPLLKAN AmPLnH)HqD$IGIHHID$IH8R @b2LA:PL(E1AT
LmPLHL$H4$1LD\$D\$AXH|$8E1LT$L$$ LLT~4H|$8E1LT$LLLT$aA\
>AL2LuHtHLDt|HDt:LA_f/LHDHHt$1LD$D$u:L3AePLHD$HCLD1MLD$u!AlL(LLD$#DtIH8LB
ArLj}SHHtO@t%HH0HtH8HtCxqH(t'HO{uXH[f.H[DLAHqHD$8D$fLAAPH1SH~Hu5HH8@ t U~@H[fDL9A-
p21[LHA4ipPt1[HH~uM@u$HGH@`u[*H@dyHLAK21H)HSHH \-NG\HHcH4H
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E11AH -
H|$H5`xfff.ATUISHHHHt8MHE1HMHHjHjZYu+HHHtLHH[]A\1[]A\USHHH$HD$HT$HHDJC(*H<$H|$GgH;
<1HHB1tFht8H[]fDLA

DhPH\1H[]HHHtHC(1HHHH@D111AH(H|$H4$HH?Ht$HJH<$H|$1H>HHyH@111AH)q=@A
L{H
iA
jhH<$H|$,HC(EC(-)HHtffffff.G\t8't3LHAGDQP1HATUHSHF
HFLfL9wHHLELEHCI9w+HHtJL9t2A
@AL{ /H|1[]A\DHHIt$HtGHHL(L30@SffLA
PH1kDHtcSG(Hu@H{XH5gH{`H5hHH5i[H0wH{8>k@fDAWAVAUATUSH(Lf HFHVLH9w
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fHKH5
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H8MLLuHHHHvH`H5aHDHL$HIHL$bH
7AEAouH5LFE1.fHH
&HIU`HKHLHAHHHH9}&fDIE`HKHLHAHH9IE`H
LtLl HEIIMFHE1AV1HLPh^_+L+d$uDHHx*|taf.<MHHuH5aIE`%H
ARAo
LL$H5SLH5TLpH
|A?AoMDAWAVIAUATUSH(ILH0H9aIu .IE1IhHt:HtH
uIHHLcIhHtH%H}1IILlIDAG(1DHDH0u:IHt.HUHHHIIDI11
I
HLH0H9vH)HHw<I11mIH0H;T$HBL)MDH9LBM9MMFIIIIFHXIHA8HPH@HHH@HHH@HIHHHHPHHHPH
HHPHHXHH HXHH
HXPIIMLLHPx}HT$L9IL9M^IL)MILHL\$HPHXH([]A\A]A^A_fD|$TL|11+HH2L*Y!L}ID$MDIIIHqHHHL4Lt
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H[]BofKHf.)AVAUATUE1SHHtHD[]A\A]A^AH5~LH>hHH1MFHHH}XHE`Hp#HEH@1;E1HtHH9SHHEDLd$
f}8HE
HEDm(UHhHE0HHE8HXHE@HHEHH@HD$fEP}u(d$HLD$1HHHAH ,HpE1H9sDH5LDLHHH
AEAoH5FHfDHE1H
A?Aof.AWAVAUATUSHH1H(dDHtHDfT$H HrEHhLH}(HUHuXHxMAILHUuHM
HIL}fHHXH@HP@8HhLHLLXLHL$NHE0uPHhHE8fL$HHE@HXHEHH[}(HHLtLLLXLHhHH{11TH([]A\
A]A^A_LA[DPH~E1ATUSHHHHlDH
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H JH HFBffFBJHHH JH HFB J
RHHH H HF fAWAVAUATUSHHHHtHT
HldLtHHHHDHHt(HH)H1HHt$DXHHt$HHt$pH4$EfLxHAOf9HLLLdHHHIuHCHE1AVAHT$HHPhAXA
Ym|$DH|$HH4HLHLdxL$CI9H$f;nM9v MS8EH7{\-|$d"|$ez|$fo|$gdLMt-HIAH31AA\A]HHI`f9HMo
<LH*IW HLLHLHhHHt$0Ht$ =L.6Ht$E1LLDeELHHUEMfDEEU E
DeM;IHD$8LHH(HHt
H31IMH^_HDHHD(HxH@PHH)H1XHHfHH@HHfDH4$HtwHMHh4HCHJL=AVE11MHPhA[]~YL;l$HArA
NLr
HxH1H[]A\A]A^A_C(1LtLHA|$dL
Agr
HxwLHLH;T$xv;E1L1XA%Lr/Hw"1Ht$\f|$`HfT$bLcHt8D$\8HD$0HH$t~L;l$xuwMHLdPAH,$HHL+l$P
^HEIMMFHE1ATH1HPhY^H|01^f9HD0rHHhLRH4$H0HHIGIwXHIH|KHHT$HHHx.HHDHHtHjHHHUH
H0H(Ht$

HHH@HIAH31AYAZBHD$0
9Vfu|$pFL;l$xHLELEHCI9H5L>hHIMH@XH@`HH4$H|$8LH)HHHH
TH1MHHH,$H@'H5DLHH4$IGXIG`LHLd$X1E1HMLSHATARhZYYL;l$PN
H

A?AoK#H
AEAo%H5FLfff.SHHtPE111HT$HwuH[DHXzH[f.HH8H@HPHXffHJzH[fff.ATUISHHtHstdHt$H/vtSHD$H=wF
tNI$HHH@HXI$I$t(@1H[]A\DI$I$1L@`H[]A\AWAVAAUATIUS1IHHHxhL|$HcLLxtLH9tSLAwDPLq1H[]A\
A]A^A_fDAqL@IT$HA`u=~(=t!McHLL+fH6H?5DAUATIUSIHHHGHB`u=t=<H1LH/HI$H[]A\A]ffoXHHV@))
F)F)F0G\'fo[yF@fB fo6BC\H}b'tftaHL$H@HLAwHD$WDL)HADLPoH1[]A\A]HHHHbImI$H[]A\A]f.fohyF@fJ
focB(f.USHHHHHLDHDHPt4LHD$I9I)H1LH[]DHCHB`u'=~=tC\Pv!tHHHHT$HpmfHHt<HHLI3HJXZH[]@:f
ffff.USHHHtHnt@Ht$Hcqt/HD$H=w"HHH[]@H1[]AWAVAUATUSHHHHDHDHDHD
HHHHt}LxMtIHt$H\uhALSDPHE1E1mH5/JL
LI1H[]A\A]A^A_fDAkIHIOHLHT(Ht$0H HCH@`tuLsLH5HcH|$ HIiHTHt1MLA};LDHL(HT$
LLAEHT$ -2=+'LLGt#LA<DPHkxfDE1jLAAPHLkE16LHLJ~$HLHPHHP6OA&L)PHjDLAAPHjALDB1LfHT$
1HrlH5FLvLGdH|$E1~$H|$E1AA+HT$
LLffff.AWAVAUATIUSHHHHDCFHHHD$HHHI1H%|HHCH@`ID$H(I$HH2HID$I$LfHHHHHSID$HB`uH
@(H=\HI$HD2HID$I$fAEL(A9IT$9| HLA
{2HMhHE1E1HtHHHDH5;LHD[]A\A]A^A_LAcA{PHgzAqL{/fALD{PfLAkD{PH\gE1H
DLH
/ALPD{P@@AzL+fEI9M4$L)HL$ITHt
HT$HK>I$dHHt1MHL[-SE1=+EHHHt
x;LDHLfLLH:S8HAHSHA`E1HAA@ALJfLh=+t!LY=tIDEtfDL(=tID$AL[H5JLUHILLHMAL{PLHHD~$H
HHPHHPHALALAH|$E1~"H|$E1ALIAAL'{{3HE1cHLLH{Aff.ATUISHHHWH8HEhp`tCpHp0HP8HHP(HHu1
H[]A\HHLHH`kHCHB`==H@AC8HHHHHHW)HHP
S8HCHHHp@HPHHH5wHHJHPPDL!HA5DgPDaDH[]A\HHHHHWLAIDgPH|a+SHHHdhtdH[@LYHA]DPD
aDH[fDUSHHHHHCHtGHH
HHHHCu-1H
H[]DLHAvz2l`H1[]LHAo
<`H1[]LQHAz/`H1[]EDHd9USHHW8HGHuEHp@HPHHHHP(H HH
H[]fDHp0HP8fDSHGHHVH@`?HHH8HBHCH@`t$H1;uHf[HtAHxALHgk2^1[fDLHAk
d^1[LHADkP<^1[SHHHVetH[L!HAaDPD$]D$H[fffff.AWAVAUATIUSHHHHcAMtqM4$MthMl$M1LLHLzA
H<P8]H1[]A\A]A^A_LmH^u-ALDPH\1H[]A\A]A^A_f1LHHE1u-
DLADHHHptLA9|Rf.HHHHLMtykHI1HLLlLtq`GLoi11HHIAtxL}lALDnL`
M1ufDI;lAL*ALALuA#E1DAE9DLXDHHHuLk1,@ATAUSHOHopH@`t4H5HKHH@`u=~
=2fuLHhHHHH1HgE[]A\`C<HCpxs8HCHB`u=~=u
H
HH//HC0fDH,HHLHADUPmY[1]A\fD{8hhfB`u=t=H HH$H/HC0GxHCH@`HhH1H5f
HEKHf[]A\1HeHCHB`u=~=tHHtH
|H1Hf>>:fHHGHH3HHHHHHH;AVAUIATUISHHLdHlHXH]MVHAUE1I)HLLARhAXAYDHDIIHvAv8A
~\{C{IIHHHAMAA61ZIYlAF(1H[]A\A]A^IuH|$u;DLaAgL
VH1[]A\A]A^DAL#1fAEIIH0mu[CSIHHH SH
H(IH@IHIH[]A\A]A^HIHH(IH@II1A~\Iu1HIAE0IH@IH(V@HH0rAVAUIATUSHHL(HI)tmLd$!fDHD$HHI)Ht
EHCHHATE1M1HPh_AXC(IEH[1]A\A]A^HH@8H(HCHLH0A`HHpu
I%UIPHLHHt0HHII31HJXZLMEH[]A\A]A^H=T=Iu7gHIEH1[]A\A]A^fHHHHptHLH=HHI1HJ1YL^f.HQ/HHH
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@`u^L=/AH$DEAHDt$A9tKA91H[]A\A]A^A_f197H[]A\A]A^A_f.IGHtwID0tA9tHUHB`A9|FE11D H!bt-
A9HUHB`uUA9|pIA7HEH@`fDAD$9|1A=DD9}IEuAEtH@iE8tu

HtpH$HsAWHfA=Du9:/f.HuHHq1HHcwHtHHHHx
Hx(H$HxHt"HHHHyDh=L=/uD=AAf-fDAVAUATUSHHD D9'HH-/KD; A<DA9HSHB`A9|uDHEHEHtID
tA9tHSHB`A9|E11D H^thIFuAFtH@iE9[]A\A]A^DHH(K;(t[[1]A\A]A^Ato=Du9YAt/=ADD9XH-
/@=AufD=9ff.tDtLu,u2fD1D@1vfAWAVAUATUSH8HODfD=>=H-
/IHHHq`AAHHD$(HtHLEI9H8[]A\A]A^A_LE@`Au=D9tA+D9A1H8[]A\A]A^A_Hr`AAtADNAAEE1Dt$@D9I
D0tA9tHSHB`A9|NE11D H[t5/A9&HSHB`A9HEHUHtD9[HKHA`=A`=L$9"H-
/L|$ML;|$EtA@H8[]A\A]A^A_@ADOzA[=DA9DIGAGtH@E=HSHB`u=5AEL{H81[]A\A]A^A_@Atg=Du9[=1f
Dj=uADDAt_=DD9
=Af1HuBED=Aud1HtAEEAEEH/ALOHH$
IHEMHDHHDLdGHD$(HD$;E9qHT$HEDEEIM9,HCHp`EfAEE9DttAtADtD9}EAuwMAt5HCH@`u
AvBAEHD$(DHC11HDD$2DD$tAE1HDD$DD$tAEAWAVAUATUSH(HG==^HH/tHLHTIH4$E1D$>A9IU
HB`A9HHCHEIutD#AE7tA9tIUHB`A9|E11D L
VtARAIGiAGtI@NujAH4HFDHL$1H([]A\A]A^A_HDtH([]A\A]A^A_fHD$HtEtD
AH<$1D$f.Atg=Du9Ato=DD9i@HH/D=9#fD=AufDE1ff.AUATUSHHNuH[]A\A]S8f1Hf HHHHtH
@pHfHHHCHB`KCxH[]A\A]HAbHT$Ht$1HIKt) L$P4AD9}wL9LHSHB`uT$9P,;P0HHtH
HH@|tfD@8=AD9uf\@8=uL!kA(H@H5c1y1f@tSfDLjAnDPH@1DHHff.ATUE1SE1HHH
/7a3HCEL%/HLHTHt$HGHSt$HR`FAA9t$EA9@@9L$HH5/HH9>D$+AL,iu_/H>D$);+AZ+f.+H
[]A\D;t+AdLh
H_F>H 1[]A\fDA4aITH9HCL%/F@9,t$9@D+A{L1hofD$+ALhH_F=D$H
[]A\ft$XfDIA4$9IT$uH0@D$+AsAf|$HH5/HH9>D$+AD$+AfHHt1H
uSS1HHHTHt*u+HKT$HA`uOH[Dfffff.HHAWAVAUATUSHEtjIII1DHI9t7fA9,\uDLPtH[]A\A]A^A_H1[]A\
A]A^A_1HH9tf9,Bu1ffff.AUATMUSIHHHhHHTDHu1Hh[]A\A]HDHtHDDXtHT$HHDtMtLLH(tHHH(H
HpHlf1HDPHl
HL$@HH")AWAVIAUATUSH(H|$H=sHHrIFHM.HA]fH9ITH)HIFIpHVAEHIfH96Lt$\Ld$M9jHHHHAHMlf
H91LLl$H)IHIuH|$LcA
2`9/fDAH|$Lnc2E1/9H5X/HL1H([]A\A]A^A_H|$LcAAPE18DAsDH\$H5/HH`QHH`sfH|$LbA2Z8&DH|$LlbAA
P*8DUSHHG8t=HHtHuHH[]<fHH[]fDAWAVIAUATIUSH(H<$H=1MLt$uT^DLHHtn1HAx]HcLLJ>tFLHD9u6
L[9|L8H([]A\A]A^A_H<$L-aA D(P6H(1[]A\A]A^A_f.D$AH<$L`D(P6D$H([]A\A]A^A_@D$A
@AWAVIAUATH5`UHi@SII" HHIfHtiHILH{@LooCIoC
oC0IHH[]A\A]A^A_DL`A& A)PL51HtSHH~u
H[@HHt_HHHtH[f.La_AH DjPHD$5D$fL1_AA
DjPH41[DATUISDG8HEu]HCHB`uw==H[HCHHB`u:htGpHCHB`teHH I;l$L5^Aol2H31[]A\f=~'=t
H1[]A\fH=`=cUL]Al
Ha31DI<$HHH@+K8HHHHHHHHSLAA`S8H1HtHHL@AQHCHHP
HrL\A%l3H<21GDHHHHfDL)\A.DlPH11DfDAL[>h!HAQ ff.SHHHHtdHHtH[f.La[HA_ DiPD$1D$H[fDL)[AX
DiP0H1[HE11HATUHSHHHGHB`u=t=M@3E1H7tzHH Hr8tNHu}H@Hu
tfEuqHPH Ac A> L[DPH/1H[]A\H5/e@EHPtpHPH wH0E1H7tHHTHH8HCuLAu _fAHX1HE1HHtD
@DH(6tt0HCHA`u=~=uE11HHt9X1HY@HX5H
`E1111HHjSfffff.AUATIUSHHAHt(HGHr`u}=~=tDHH4HCHB`u=~=uuHX3tH[]A\A]@1@D$ALGYHD~P -
D$H[]A\A]D$A@DH04tLHg5ZLXAD~PH,1E@AWAVAUATUSHHHHHD$HHHD$ Ht$`HIHD$P/A yMA
LAXAjHfH8)$Dh)$AHD$$HD$(@ DHD$AEDL$E1
D$0D%D$4HHDK<twI6Hi1K<pHT$HIHc/H,,tK<H$I?IuAH|$xHHLhMtH|$Ht$hA
@LVDPH*E1LH|$HH5V
ZLA1H[]A\A]A^A_DA;HHHHE1HHL$L|$L1MH;LA I@`LUDPH)&D@H|$LUA^
D2H)E1HLMLH=wHLH1yAp
LAUDkAtjL@A
M<H)D${D$$foD$=LTA%
;(H(

@A
HHfHHVHHFHH6HT$D$$~DHtDHLHD$()$~D$H|$D$)$1fDAU
LT=fHt$XHS+A

HCH@`tHDHp.A
L8~HT$pHcHH$1HThHtP1MLdHD$xHHT$`HHLXHHPHjHHtpH$ILDjH$H5RA
VE~.HHTxH-tHD$xH9D$pA
f.H|$I@HH@HHIA
aLLH1LLIv1L.HD$$HD$(H8f.H-t1H-A
HIp}HIMLH{Lt$=H@HtN1HH#HIHD$A GAI
L3Qf]L"QA PH$ILPA (H$ A
D1PfLA DL@HY*u.DA
DT$0uH+*tD$4HNHD$8=T$8DBDIPAHA)McMnHT$LHLD$8:(LD$8H$L1{5fDLH)D$ZI@HH@HHt$H2HH
D$(foD$H)$)$H8Ft$$HZ*OHT$(Ht$HH+0H|$HH5N
RHD$HA
LNA4
PH"H|$PE1~"H|$PE1LbNA
PH5"A
]DATUHSHH HGHB`uq=~h=tah1H)E11@HHthHKDHs'tHHu0A:LsMDtPHL!1H
[]A\H("tHCH@`HT$H}~HI&tH,!AHofHpH5LPH5LHx
PHHptKxHM~9HxHpH(tH}DAHT$LHH6H!&f.HHHH.DLKA(DtPHD$D$]AUATUSHHHFHRH>HfH98LgH)H
HFIHHLH5@I,OHu@HL%HIAqLJDHILHHHHHH5JHNLHJHLHILZHHH-
L9JAa2H1H[]A\A]@LJAzDHPH1[]A\A]@AfLI@AkLI@LIAsHl1[DALcIAcfATUSHHHHHHGIHB`u=~=u*HL
H,HH[]A\f.1L$uLHADPHD$D$LHADPgH1[]A\fff.AWAVAUATIUSHHHGLHD$8HB`=~=IH>
IHHCL$8HL$B`=t=LHLH1A=HH5GHHD$KHI"IH$MHD$(HHD$HHLt$HHHD$
AAA+PHTHtp1Lt$pHA61HHD$D$,LT${A9rHt$
LLTLtHALT$LFHAED}PLT$bLT$L5LILHLD$Af.L)FDPHf1H[]A\A]A^A_f.LEAD}PHE1HDHE1H5ELIH
<$xH|$EuHCHB`]=t=?DCHI?LcAEH8Hu
t)1HLHHHJHHHHH|$8 xD$8HA
LHhH@HPHHHHHHHH $HH($HH8H0$$jHAVQH
JjL$H H1LurHHHHHpH5CGHHHC
HHHpHALgCAHp0HHHxlIH"1fD@uTHLHHLHPHXtLLBAD|PHp1kfLiBAA}PH<E1HDH~HHr@LBA$A
}PHE1?1Lt1LA[@LAD}PHDE11
LHsko8Hfs'8DfLIAA>D}PHLT$E1LT$LF]LFH(HHHALD$HHIH$AxtH<$4D$THLHAHt$xLtH$LALY@D
AAeLB@*H51@^L$DH<$H|$-HI4H$D$HI~$H H<$1MLHH +AtPHcT$LL2D$,HT$PLDx
Ic0DD$,Ht$PHT$<H<$L-
Hct$<Hl$XLHHD$PH;D$XHct$<H<$HT$@HHct$@HLZHcT$<HHT$PH9TXtD@A9gH$LOHD$xH$HH|$H)
HAHHT$`@L#Ht$`H|$HTDDD@HT$hLHD$hH9D$`LAtVALKH H|$E1H `o)$
D$Aff.HtfH1UHSHOHP`G\u1 ~$w\H
g=HcHfD$w5H
=HcHH{t*L<A*
1[D1wH>HcHuG\[f.HHOteG\[fEG\[fHzG\[G\['HG(HH!+H 4+1[G\
[fCeG\[fHDEtB&uG\1[HHSnDtwG\,[Q?X3LS:A()1[ZXhH,DX1t@HOHF`t2~1uHH8H u31P
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xtC\![f.tD`EuHHtH
C\[L7HA%D\P\1[HHC\[t.C\[HH8@ T4C\[f.HDEH
C\[f.C\C`[C\"[C\.[dC*[duLhDxE/H8H90hhG\[aC\%[DEH8H90RG\([L5HADXPY
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f.HQ/Hf.HI/Hf.H/Hf.HGH@`H/HDHY/Hf.H9Hf.H/Hf.H /Hf.L-HAP1H@H/0@G\H
3HcHf.f.@f.Df.Hf.@f.1ffff.ATUISHHtLHH- []A\USHH(HHHt!HHTHtTv3L\,AH/1H([]fDHHH:tH([]f.L+A
DHDDfATUISHH`uHH3H5+m0HHIHVErIT$H[I$1uy HyuHrI<It<HHAqI$HBHID$HyAI<$HzHI|$fyHHf
ITI!fH9w2H`IT$HXI$H)HH9IT$I$wA.H HWHA`u~k@ u`C<ZDHHtOH tEL)A}
HHH5)2-@uIT$Ht"I$H1HITI@ALU)D}PH.@L1)ApD}PHH5
)3H-1H[]A\DHvjoAEoGEI$HA I$ID$HPHIT$t9Q H!H9r,Hq!H)H
ID$H<I<$HE(fDALs(}2HLALC(}2HndH@L'A}2HL'A_D}P1L'A}/HlHU(HE0&tI!tHCH@`MID$HtI4$HH9mAf
Hu0Dt
IL$I4$H)HH9I4IL7H)H<HIL$I<$LMHE(1A L IFH9I)IA HH5&-
HpHxHpHhLAHHHHop)$iEHDIT$HI$HfH9HH)H4IT$I4$HXH`ID$HI4$HH9HH)H<HID$I<$"HpHxfHI!HM0H|
H|H}8HH)HH)HHLU8IHU0LLLLL)H)E1DALA9MrA;A0H)HID$HHEXI$HHMPH
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$EHt>HHpH[]A\fDHH5"kH&t$LH"H|lIHAoHL|IpHHI;$xtEH[]A\@L1"HA2x1H[]A\AL!D2PHfDtHH|$H!I$
pHAHptT$Hx+HH|$L
fDAVAUATUSHH0 tcH0[]A\A]A^HhtT@HCHB`u=~=uH/HD$(pH8@ tHsH Ht$(HbGt$(1Ld
A^HsI4@1HDEzDE1EBHB`ud=~[=tTHHPHT$HHH
HD$uM
A$H|$tPH|$
jPHH5|r#HH5dZ#HBHHHt!HH#C(HmHCHB`u=t==DH(HHHHOHHH8HM5HHHt*H1HH8B@HsxdHDPHDH
D$ HD$HHt HHt$HoEoEDEEHCHB`8wE=DD9THHt
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LHH5"HH5#HH01[]A\A]A^EtLUAj
FH(VL)AR3PH1D=%9LAyzPH1DLAz(H1pDHT$HH/HCHB`i=~=&LXUHL~IDEHL$ HT$ALH'"H|$
HE1Hu1@`GHH|$ ANA9]H|$ DNHIz)=tLk)=VuH,uLaAu VH4bC(H+<HCH@`fDH
t?HHUPHHHuXHLA$HC8OHT$HH7LwAFH KyfDHCHB`u=~=HE1E1
H`uu,{<t uHH,HI#LcI$@`uA=~==~=u
HhHt1prHqHpHxSH9uL*AU 2H+AL4 (HLA
HLA^sHz1^L|AY (HO}HHt$HHHAHH8LI9$uH}XL6A6A@HE11AHW_HDD$ HHJAq*;HCHB`
~LMHHD$(HT$DLLD(HL$HHpPAHcD$HHBHDHDHHHD$(HHHeEHHEH
H?EHHlEH HCHHHB`E1HhLAU /HLcI$@`HE1HDhH|$DHD;hAH|$~HA9|LbAG
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V /HoHLL`AU (H3aL7AT (H
8H="HPHHHHwHHD$(H%ffff.AWAVAUATIUSHHXHH8h@tyI|$LfA
~2H9HH;
HHHH1HX[]A\A]A^A_@AJ@`@ 6HHD$ H8@ HHH21=~HHaHnHH^nHtHHnp ID$Ht'I$HH:HrIL$I4$@0u Hj A3
L2HH9}@+TfD111HZiID$Hv(I$HH*LjIL$M,$fH9Lf
ASH291CDHHx(@HI\M<Il=t_Hv-HEA/fH9rIH)I/HIDIt,LA2HbLN/LNH5HcHILl$
0Lm5ALLLNY:AATD@It$McOL!!!fH!!I9uCLK4GDD!!D1D1AAD!AAD!!t7AAA1E1DAD!EAAE!AD!
H!ITIDI9s
IEH9|fnDfoT$ f`o
faffpff
oJfoT$0fffJoJ foT$@fffB 10HF<H5

LqID$HI4$HH.LnL@ID$M,$H9H)IT-HIDIM5HILH8~HLL^GLLH#L @rL A
~PHFL AxPHTHL@MJHHHIDI4HItLH7L AkPHLHA7(1
?_ID$Hv(I<$HHID$I<$fH9LfA[2H9@AL3@LADPHH5<L1
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APHA_L~@LAAPH^LA
DPHs5LwAqHHDLAA3#L A7HP1\<AYLALDHNgHH5H
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bP!ALZ1fDAL1!1HH0uqHH@s:HLH@Y:HHHrHI4ILYDLAAPH^HIDHTILd
HNHLc~M1 LHoE1AH%w~CtHr{AV
fHGtu=HHt,HHt3u1HfD1tHLA
DPffff.G\t@u^fDLqHADYPC1H@AWAVIAUATIUSHH6HIAIEMgIHB`u=t=IwWLA|2LE1Hb/1LAHL<6HH[]A
\A]A^A_+CIHHH CH L9wI)HD+MMgIoHHSCHHHHH CH H9lHD$ L4HDHD$(HD$HD$0HD$HfLt$
I9JIEHB`==HHD$(AHIVfH9|HL$Ht$H)E1ML4AHT$0E1LHD$8ClHT$(E1HAMLLIBH|$(H5GH<$L/}IHPH&A
AFHI^HHH AFH H9Ht$1H\$ H)Hj?HIL4$LsA*
|2LFMt[II9rOH{IpI)MgHHIt!IxH9u%`uMgIHALfA LA|PL4$A"LDL4$L3DA}"AXZIHt1LuAhIH>IL
.IHIH^/HHHn2ILIEHB`u=~=E1E1L4$A0LwDLaAMA|PLL4$1.H^/fLLutjAsL|(7LA;|2LL4$H|$(H5DL4$1L1H\Hc
AzL|(1HHHI I)AXL7|(`A}AnL
|6A`L|tLtOIEHB`=
=II@LE1u+E11ALaA|PI8ffff.USHHH@HAtHpHhHru.LHAPDPH1[]H[]@HwHf.ATUSHFHHtPH>HD'L9r@HoL
)HHFJT%Ht(
HH9rH)HT
HHFHt8L)Av2H1[]A\DHH5BMHuLf.H LHHHuLHA}DPH^1]SH~Huu
v'L@ADP1[fH$uXHCHHP [@LA21[LHA
1[G\w]HHcHDkblCkL!HAD[P1HAWAVIAUATIUSIHHLLLHH1I@jHHtH0Y$u=H
NA7D1BHfH[]A\A]A^A_LHA5DP1$t-LHA$DP1DH
A&D1A^E1MHjLLhDDpHZjMEH5jD$MHjLL$DD$PHifLL$XDD$`Hi=E1E1HiHt$xH$HYfAWAVIAUATU
SAHHHAHHxLHLHt
HL8HH8HEH0ABEM0IP1HHD$`I`MI`tI~HI`CIGH@`~IDl$T$HHHL$(HHH$LmIHG|HH8HELhH0ABEM0HG
H@`D$I1HHD$A
IXMIXtI~HIXIGH@`IT$HpXHt$(HpPH4$HLpHH$HT$HHLc%HT$Ht!HHT$%HT$HHD$H!HL$LI4LHHt$0M,
HIIH9hLLt$(LR(HJ uZH$|$1LHHD$8L$8[HIHT$ H|$11IHD$LL$Ly(H%AHH\$%DL$HIHLH8@$%E111tm1
LtU1Lt@T$LLt(HL$0E111ALF@fDA)LDHIIhApIGH@`xHHDBIDfDI<IJhH|$0H|$M,HxH9hLSADPLE1[HH
D[]A\A]A^A_fHI8HE1PM8@@HHT$03HHT$0HD$%fItqHL$0E11HLtT$LLALnD@ALSAPLdE1IL%ALDfHL
$0M1HLAA/t>H
tWH$HHtKHL$(L!Au2A8@LDPL2DAG|ADLAAPLLALfAxLAfD$/AWAVAUATUSHHHD$HD$0HhtHH[]A\
A]A^A_@HHLHT Ht$HHPLL$8LD$@ZYD$HHT$ H|HTHxHT$0H-
H|Ld0HcKHHHLiHH5oH4HILLHHl$8IpIFIhHD$FHIB1>_HHH*NE1MHU`DD$MNPH-`L
(A
H`iMA H_=MA H_E1E1H_E1E1He_HT$8LHOHZHC8pHHHHH@$ t
7(LHAbPD$HH[]A\A]A^A_fLqA5DPH|HY1DL9A$DPHD1DL
AqAPH1Rffff.AWAVAUATIUS1HHIHxmu1Hx[]A\A]A^A_f.Lt$0HL$ @HLtLHHD$(IGHD$HD$
HD$H1HD$[HHLLKHLL$J6LL$H<$E1]MOPL<$DD$L\MAL\DD$ML\E1E1Lk\~wE1E1LL\~XE1E1L-
\~9HT$(LLiL~%L}WHt$ L-
fDLA5DPHH<$3W1@LA$DPHffffff.AWAVIAUATIUSIHLHHt0Fk1H[]A\A]A^A_f.HHD$
0HD$H1H$YHIL$t9HL$H~)L$E1LZLA5DPLLU19DLQA$DPL\ Ll$ HL$LLfjj0H5+AVUE1ATjLjjLD$XL
H@Ht$L"fMALYL
A

LYHl$A LLVYE1E1L1YIA ILYRE1E1LX/HT$ LLIL'TH0cffffff.AWAVIAUATIUSIMIh@HDXHtL$
HD$PH59HlHHHL$LLHL$
IJ#L$oo@IJD# oo@HD$PHH|$PBD#@D$PBD#Au MHT$PJ|#BLHclient
fH9fD{inisf{he{dH51HHHLLHIJ#oo@IJD# oo@Hclient fH9JHserver fH9Hmaster sH9H master
HextendedH3SH3H Hkey expaH9IjE1AWt$E11HHpHPLPjjjjH@A'H
AWA:1E1Z-HHHZHD[]A\A]A^A_{secrSf{etGDD{inisf{he{d{ecre{tH
bASo:E1,N{nsio{nxw
H_8USIHHRt\H=HtaPzSu
zSH=vHA(zSt*H=)HuAH[]fzAuzuH[]DuzSyzAozeAt@ztMDHH%uHwwAVAUATUSHPHDDt'L*I4u1HP[]A\
A]A^fHl$ HcHHI(1@t
A@t
<fA<H@tAD4 H+I
HxyLl$H\$HHD$LH
HD$LHHPt$<T$0Hl.HH(H9;Pu;puI$@HQI$fADLHt/ALTfA9L$1@fA9LDHH9uH1HLLDHH9rLDHH9l.L
H(L9bH3HtHuCIUI$fCDlHI$&1HtH:t~1fDUSHcHH(HHI1@t
A@t
<fA<H@tAHH4R'tFH3H9CtM1f9DHt7HJH9uHHD@H0uHu1H([]H1HLLDHH9rLDH$1ffffff.AWAVIAUATIUS
Hu
wpHcIH,HHHx tTHx(tMFIHt$H}(tDu:IAHHu@D$A9$1H[]A\A]A^A_FIE1HHE1HtL,H-
m.I@B`Hi.fH(H9tGf;CuIHTHtE11LHx itED$t9D$u9Ct'IIL;?HfDD$9Cuffff.
f.SHftHCHP[ffffff.SHHH5rH[fff.SHgtHC=t[D[ff.GfwH-
HcHHfD1DH@%=tZ=t;=tHHtXHHHfHHHfDHHHfDHoHHfDHYHHfDATUHSAHH1Ht|$\$LD$Q
DHH[]A\AVAUATUS1H
G8IAA@HT$HLIHHH@HT$HDHt1HtGE1@HTHHL$HBhtf9tC1
f;At2HH9uII9rAt1H
[]A\A]A^LtA9tHt$II9rIHt$LHHH@HHTHD$(H@t/HH8@H=+tH=,NFE14fAUATUSHHHHH<
H5I^IE11HAAtH41HHH;2uLHLxfxHI I9uH;H5oHD$?HD$HLeH[]A\A]H
A[u/"1H[]A\A]fH5HiH1[]A\A]H
A_Au!1f.ATUH
SHIH:HHH$I{0tHtH$HSLHZH[]A\1f5AUATAUSHHAtXHH8HtEIH+t)H,uft*f.1H[]A\A]fuf.HDtCHT$H6HT$H$
Htf;t#1fD;$AtHH9ufDDHxU8jHH@HSHHf;C1DfD;$AtHH9u#fDffffff.AVAUATUHSHA4HHHv
=[]A\A]A^DH IH*LI
.HEHB`u=t=L$9H,9=h=uEDHH8HtPH0Ht!8
t@HBH
@H8Ht*H9uf1[]A\A]A^DH =%HEHH)H|9H
51HHH;uZE81H"zEH@ftxfHHH8HH9xZ1H9zHHH9u111c1HHtHHHfDHHH@HHf.H@t
H+tG1H,t,f.H1fHHtKSG1HuHtH[H1HtHuf.1ffff.USHHtrHEH_.H@`
tBHvHcpH(_.HH(H9tgf;Cu1H/tCHH[]G8tI1HHH8R PuBHH u1HH[]@1@HH0HP H)HiH t/HHu(Hu(Ht
fUSHHHHtHHTHUHR` HHBH].HfH(H9t7f9Cu1Ht,HHH[]f11H1[]fDE8tI1H`HH8R PuJHH ufDH\.y@HHP
HH)HiH t%HHu2HuHu
fHA%=tJ=t3=t9w8tGHHt[HHHHH{HHmHHHtHHfHIHHLMtfLMtBH
_.1AxH[.fH(H9tf;PuxtHL9r1@@ t9uALAWAVIAUATHUSAIH8HD$ AIOH@`HZ.H
H(H9t@f;kuu=t=fCD9Au=twALrM/LE1H8D[]A\A]A^A_fD=Z=OAtAtADD1fLHt$(t
D$(9Ct+Ac@C@M=)=A*IA4@HT$L+Ht5HT$fD;*tDH1Hf9jHHH9uHT${@I@u~Ht$
HzAH|$ HtCDDldH|$ LD$
LALIAHYACLrM(LE1-L=gIGHB`~IB=~=LHH H&0H
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==ALLAVrM(LL^A$zM/Li1IH8HH0Hn:HPHH9VH8JukALzYHt$fDHH1Ht

Bffffff.HH1Ht
Bffffff.LDNE4DV
E8E@EHGH@`N4ADDA9DN8A<ADD9|XHVDI1;HfDD^,AutE1AAAE9}fDA<9N0}fA@IfATYfHGHA`ug=~=
u'O8uPH<~=ztu'1@zttG8u#H<~B
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HHIuAGAD9l$u1Q1Df@t1@E111
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fDDE1E1E1LJLbVHHHHKHt!HCHB`u(=~=tHXt
xM/H[]A\A]A^A_=#=IL\$LH}WHIqlHIpI(L\$H4$HL\$E1LLT$HVMHLT$kHL\$D$$LLT$L\$UHILT$5fDLE1L
UILIFAH$LHth6}LE1HHlK|$HwtcH4^|$LCE1(fDE11fD1f`fDD$D$E1LLT$L\$HLL9sH4$M)LLL\$(RLTHL
@1LHHLRLTjHHLLJ4
H\LT$L\$(HLL\${H4LTHHDLHD$8^H5HI)LBHHLT$L\$t/HL$8HT$0LEHLT$L\$LT$H5HL$L$HHVI3I3H
zLT$D$$cI E1H LMLT$4LT$M H4LT1I
LLFLHLT$HCL\$HB`==!D$$Hct$0HT$4LHLT$L\$D$4D$0Ht$81LT$L\$Hl$8HcD$0"}IHD$8H5;HH))D$0_ML
T$|$0L\$uUMt/Ht$IXLLT$L\$L\$LT$MPD$$Dt~LLTDD$E1LT$OLT$
DDLT$&H5YHLT$ffff.?Hx~_ATUISHHt9Ht(HM0MLE(HHH[]A\[]A\fDfAWAVAUATUSH8THT(H|Ht
H"HHT$(L=N.HAE1HvJ.
@H(L9t"f;CuHc{xHItEeu2HT$(IHL9HT$(uHD$D
H8[]A\A]A^A_@1H>tt$H|$HtAEA!AfSHHHH4H8H1HH@H<J1u-Hxt' uH8@4 [H84
tAWAVAUATUSHXHHDNHtHLHDUL=M.HIE11A\L-
H.fI(M9CfA;Eu1LHEHB`ua=t=~A}tU8u?H<~,A}tAE
Ic}u{AE-=+AEA4\H|$M-
Eu0HEHB`u=~=AfHH9\$EHXD[]A\A]A^A_fDE1DE8HEEHB`A=4=)A}H#AULDHTOfL$NAM6fDA}%AE=
E1@AHA!H9\$H
AvE18^H@G<HDD$8,HHD$ yHaD$,~hDD$8H\$0Ld$8D
@9\$,tRH|$
;1HHIvuAD$tH\$0Ld$8E1H\$0Ld$8fDAVAUATUS1HHGHttH[]A\A]A^fDHIHH5HH<IIHMHUH|HHM1HHHf
DHH9tW9HHUHMff<XHI9uI<$H5HD$HDII]1fDH5H1H[]A\A]A^H
iAAtf1rfHGHH@`t,Ht2Hu/HHHqf.1DHHHBfAWAVIAUATUSHXLHH|Ht IHHt$H5A]AV8IIu+IHtIHl$HH$-
DIH[SIHlHHHD$@HIH$HHH4$H<$L5F.Ll$(E1HD$MBDeL=B.I(M9CfA;Gu1LtKH|$Llt5Ht0BTefA9U1fDfA
9TEHH9uIL9$$uHDMLl(HfHD$ IIHD$@@
HX[]A\A]A^A_LtHTH1LAA@H$u(Hl$HHDuH|HTH1HHlHHD$HLHE1HD$IL9$$|HH5HoHE1E1H
E.Ll$0HD$ML\$(MHD$8BD}L5@.fI(I97fA;Fu1LH$H$tKH|$LH$t1Ht,BT}fA;U1ffA9TEHH9uIM9fLl$0L\$(fHD
$
LL$8MMMHD$@@ I1Ld$@HL9MID$IHHczA`u=t=~
zt@I,Eu0uEME1HDHD(HIL0HM9HD$oH
3AAw1Ff.ATUH5SHH HHHfHHHH0 t<HHHH []A\fHuHT$HE1HfDDHHt'Ht"HT$Hf;
te1f9BtZHH9uII u{DLHADOPDDH []A\HBLHAxO(H
1[]A\fHLHMHx9H|$HcI4r>tL\$fA;>MtA9>H5=.LH(L9t?f9~uHt~:HtbVMt`VAffD1DHtHt2Mt1Ht$Mu@MuMuM
uHLMtxHH=w9|1HcHItp1HtH
MtPAMtPAH|$t@
HL$Hfffff.AWAVIAUL,ATUSH5HILHAHLLHHtEu?HH5YHLH[]A\A]A^A_DHH5HHLH[]A\A]A^A_fDH
AAv/H1[]A\A]A^A_fffff.ATUH
SHAH:HpHH$ItHtH$HsDHHp[]A\AVAUE1ATUSHtHD[]A\A]A^@IHH5HIHeH1ML>.tEfDEE\L9.fDI(M9tgE9
HuE9XuAPfHI9wItiHH5HDAHDLH+H5QHE1yHD[]A\A]A^HH5#HD$AFHD$LHH
AAx=AWAVEAUATUSHHHLHTHLAUAAAAIu IcHHHL!T$
HMHD$HAHD$HHQE11EHT$H6ELHJ@E8T$ tEUH6fDH6=~HDD% qIMHH)HHHAHf.1DL

AE11H6o
EuHD$ 1HH[]A\A]A^A_HIDD$ tH|$HtHt$8HtHD$8HDD$ AHHHD$AE%EA`A%`EHT$1DL D$
fD0LHm#!HL$HH[]A\A]A^A_f.L$ A\$$E1AH\$+DH
1HHAHA9|E8D@E8}f.D!D97DH040D$ ft$ D$$H3=|$$HHLIHZIH9Bt1HH9<H9Au1\$,
D|$(\$$H\$E1AHA9ODHAtcHEuQIHt'IH;Bt;1fH;At,HH9uD|$(\$$E\$,D9uArfH|$t5=!HL`L{LE1I,f.DLLHALA9|D
|$ L|$E1\$LA9IDL1HI!DLfLH[tL<9|Af\$D|$
EffDE\$$;DHHXHPHt!H9u-D9t!HH9u%D E15fDD$$D$ 1@bLH\$$D|$(gE@CD|$ \$EtHA;HEJcHIAAHttM1H
5.Mt9wH1.f.H(H9tf;Pux@HL9uEIAAHuLPA9fDEXIA'A+HNIAAH0IAqHtAtIAAAHd@1eD9PL9>AD$
1(ffffff.SE1H111^111HAJ111HA6111HA"111HA111HA111HAHA111HA1[11ffff.ADHxt)ATUSHH8B
tzD[]A\eDHHHx~p+HHHIHtu1K\HHtv1LHHtbH[]A\f.oY[]A\.fD\HfD^fDHL1@H1HL@AWAVIAUATIUSIHHE
AAEtCHt
HT1MMLJuCSHt
H1MMLtL&
tH[]A\A]A^A_HLHTHt$E1L,tZT$LuLL$MMDtKLLlLD$LxfDAVAUAATUIS1HHth1ADLEAt[D]A\A]A^
H9}HE11DHLtA[D]A\A]A^1HaHfff.AWAVAUATIUSH(HWHt$HHHI`u~%H8B ED$8EuQI$HHHV
H)HHHHcHHHz Hz(PHRI$@HH|$1H|$HH8HP HH)HHHA9uKIUIuDL A}I$kHA9]
HH9HAt$8L,EuhMcLmHt8I$pH8q t!8MBt
ADI$AHufDLsHII$EuMcI$KHL
HHLH([]A\A]A^A_fHE1Hl$HH@HN,AU@AUt1LTIUIuLWAUI$?8IcUHH|()HItqHLtbH|$tZLH|$ADA9I$H|<DI
9DL$EAY
fDI$HII9fIcHH|(HIt'Ht$L:tH|$f.I$H[@AfH9tCA@AU H9C|$A
LGv(LXm1HHHIDL8H|$ADA9I$KLcHIHT$L5HIHD$1Im@HHI9HD$8fA9}uAMIuHLHD$fDD$A
LDPL0l1xL$A
aHHQHI$;T$(LA
r/Lk1H@w@DDH
YHA
'1Hfff.@w@DH
HA
&S1Hfff.AWAVMAUATIUS1HIHLH$`
I1MtFHvU$LA6D1PHzjL1H[]A\A]A^A_fDL0DHD0Ht$`1CHHt$HD$nLyH|$t$tdLAQD1PHi1ifH
A<o10f.H
ASD11$H|$p1H|$3oH|$H5eqH|$HLMqH\$HiMHE$LHHH$TqH|Ht(kH|$kjrL+GL$LAdD1PHMhE1AL~E1MLt
LDDLNLLDD(L'HHLL17H
AfD1@HE1jAPAQH
j@H(ff.HE1jAPAQH
jH(ff.HE1jAPAQH
wjH(ff.AWAVIAUATIUSH1IHLLLD-
HAHHSHMHD$(SMBHIt1HHCHLAADOPLfLBH\1H[]A\A]A^A_ALDOPLef.H/HDIHD0IH-
~(E1AHYLrADOPL=e1HD$M9D$(Ht$(L-D$@MHD$L- />fDHD$p1LHHD$DLAHD$(jALHLPHL$@QPILL$8H
,H
HD$(MHD$E1IHCDD$MHDD$MHHtHT(H+fH(ATUISHHH4LtMHHH[]A\ff.AVAUMATUISIHHH<HMLIH
H[]A\A]A^E11yfAWAVIAUATUSHHLl$(Ld$0HLuH?L@LHH4HCHL$(HL9p@HHtH
H41WIMtRHtMH$11MH~6HT$(LHB~"Ht$LHz~Lt$(.LIA3D]PHE1bLyH>HL[]A\A]A^A_@E1E1Ht1WI6DHHL
$E1 HL$Ht$pH4HE1Ht$IHHmLtHL(1WLu@LIU)SH1E1E1H HHHTHtHH8HjOZYt1HHT$HxHT$HH
[LHAJPD$`D$H
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/Ld$paDG|HhHaLhHpHHD$(%!!@_HL5iHD$@HD$8HHHD@@LHD
E1Ld$HI9<HI9HI9H$LdpAD[HDLLD0rAdLD$0/HjLPATLPLL$0HHT$ oH

H|$@D&E1L@4&H8D[]A\A]A^A_`HIH8LAAPH]E1Ld$pf`HIHh;LAAPH]Ld$pIf.L$HL$h@HL.oALaPH2]DHI
HH$1HL$HrHI6 Mk9HHD$ML~pHA|$@HD$
HIH|$1HLd$pW9LHADPK\H|$9@HT$hHHTjHTHMA
HHRQH
(RHT$ H -5@HtHL5H$HtHD$8*HHHD$@HHD$f.HtHL5H$H4HD$8HBHHD$@HHD$HHD$\fDH|$.~H|$
HHD$0z%HHH8H@$%HDHHT\HHD$PeHT$hHLHT$hHLlH|$
zHD$\HD$PHDHLD0HL$LLHLD$HHL$(LLHHt$ AE1A11LmT$H1
LHlH|PtT\1L%lgHL$E111ALlEHHL$hI9&HI9Ht$LHHH|$8t(HLD$@HL$8LHHFC8u|$[C|Af.Ld$pfDHH@$f.
HlHHt;l'LADPHnXLd$p @HtHLHL$H"HjHL$A
HHQUQLL$0H
0HT$ H HL$hH5HHFHL$hcfAL9fALLfH4HLHZHA
L{AfH$H|$L6L$H|$LL6L$pH|$H4HHLh3HD$hLjH
XH4MALHPARLT$(PH LT$uNLA!DPHVBfDC|A-
YIHL$hH5!LHDHLt$AHD$8HD$@L5HDD[iHHDfDAWAVIAUATMtUSH>H{A9n8D$8tM4IIpAF|HD$Ih
HD$!}ILHxHD$HI;{HjH
PPE1ALLLH\$PSP9H L$ua@L1
H@H[]A\A]A^A_fI@HD$I8HD$S|=fDL|$LwLHHD$ |t%H}IH8H@$%HD$(HL$<HHD$0LLD
HLLLLD$(HL$HLLAHlHtE111HfT$(1
H'fH|$0tT$<H|$1fH|$E111ALfHcT$8HLCAF|LfDLaAdPL,SH\$@L$f.H|$6sHD$<HD$0HD$(fIH@$Wf.LAPLR~
mtttAffff.AWAVMAUATIUSMHHH4HT|H.HI1Hya!$8HLHE$01H$0.H$0LL1LdpHT(LL11HL.LHT,LLL
L$c1~jD$0HMLHHPL\$@ASD$DL\$0PLL$0ZH L\$t=jt$H
(tD@HMALH1PH 1L-H[]A\A]A^A_fAWAVIAUATIUSHMMHH4$W-HHKH`;M8Hu?jx@z1HHHD$@-
H$0LH0Ld$pHT$(HL0Ht$1H,LHT,HLLL$/jD$0HMLHPLT$@ARD$DLT$0PLL$0Ht$(H
LT$t@jAWH
}tD@HMAL1PHt$(H @D1H,H[]A\A]A^A_flHHSHHH5HPH5~H7H+H
H(H0H8H@HHHHH`H)h1HX[1DHSHHH5-
~HH5.~HGH;H/H#HHHHHHHH)1H[1D1HATUSLMHHHHH1HHH)HIHAoIIHA$XHt6HHfI$HtHHDI$
HtHH"I$(HtHHI$0HtHHI$8HtHHI$HHtjHHI$@HtHHHt|I$Ht'H5@fGHHAg>I$PHt!H5kZGHH
I$`H[]A\H
Ab9?HH5szHH5tzH#HHHHHHHH}H1HHExHH)H[]A\fDfDAlH
D9Of.1HHtBHH`HH)h1HXfUSHHH8HsHtHHEPHHHtvH0HV:~b10H#0HHHHHH>HH1Ht
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HHLMLEHHHLL
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HHH[]A\A]A^LXHX@L@H@L(H@HH@HH~@HH@HtH@HTH@fDAVAUATUSHHHBHHH}HIHHHHL~H
IH|hH5}IHcHiuHItXHL6HHLLL[]A\A]A^fDE1E1Lz}HA
AMPDfffff.AWAVAUATUSHHHHlLHHHZ|HI&HHHHHIoHHHHIHHMHLHHIHhH5d|;IHcHsHHLHDLDH
HL
LLL{H{GHLtLH[]A\A]A^A_E1L{A&DSPHB11~@L{HA6DSPBE1DLX{A.SPHBL2{HA=ASP]BUSHHHH4x0
LzAVT/H1
BH[]HHyHuH;A\|EHHtHH~LHH'HuAi@L)zTGHZAKLzAdTGH1A"fff.US0HH8HH'21~QH0H0HHHHHO~1HH
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HEHHH=xE]HEHWH9H
.t.UHEHHWHHH=wHEHoHUHEHHWHRHHuAEaHH5wHHr.HHp.HHHEH+IHCLHHEH_HHH@[A\]UHATS
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H=c/HH=vHEH5}c/HHtHHHEH.t+HEHHHHUHHH=_vHH5ivHAH.HH.HH%IHLHHHBHEH@[A\]UHATSH@
H}b/tJH=b/Zt5H=b/%H=b/H.H5b/Ht.HH=b/`t+HEHHEHH=bb/HEHHEH5Fb/HHtHkH3HEH.t+HEHHHHUHHH

=Xu6HH5tHHC.HHA.HHIH#LH&HHHEH@[A\]UHATSH`H}HEHMSHEHEHsSH9EiHUHEHHwSH<-
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[A\]UHSHH}HuHEH{HHEHlH9H[]UHH}HEH]UHH}HE]UHH}HE]UHH0H}HuHUEHUHMHEHHUHH}HEH]
UHH0H}HuHUHUHEH)HHHEH}tHEHHMHEHH!HEHHEHUHHEEu}+t}/uUHSH8H}HuHEHQEEEEHEH=EP
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configshort linesig invalid mime typestreaming not supportedstring too longstring too shorttime
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has no object identifierdigest and key type not supportedillegal
options on item templateinvalid universalstring lengththe asn1 object identifier is not known for this mduniversalstring is wrong lengthunknown message digest algorithmunsupported any defined by typestring=Char=tag=ASCIIUTF8HEXBITLISTBOOLENUMOIDUTCGENTIMEOCTOCTETSTRINGBITSTRBITSTRINGUNIVIA5UTF8StringBMPVISIBLET61TELETEXSTRINGGeneralStringGENSTRNUMERICNUMERICSTRINGSEQEXPEXPLICITIMPIMPLICITOCTWRAPSEQWRAPSETWRAPBITWRAPFORMFORMAT../../OpenSSL_1_1_1c/crypto/asn1/asn1_gen.c3KKXsX-U../../OpenSSL_1_1_1c/crypto/asn1/asn1_lib.c(unknown)cons: prim: BAD RECURSION DEPTH
Error in encoding
%5ld:d=%-2d hl=%ld l=%4ld d=%-2d hl=%ld l=inf priv [%d] cont [%d]appl [%d]<ASN1 %d>length is greater than %ld
:BAD OBJECT:BAD BOOLEAN:%u[HEX DUMP]::BAD INTEGER:BAD ENUMERATED:[EOCBIT STRINGOCTET STRINGOBJECT DESCRIPTOREXTERNALREAL<ASN1 11><ASN1 13><ASN1 14><ASN1 15>VIDEOTEXSTRINGGRAPHICSTRING<ASN1 29>%-18s../../OpenSSL_1_1_1c/crypto/asn1/asn_mime.cContent-Type: multipart/signed;This is an S/MIME signed
message%s%sContent-Transfer-Encoding: base64%sContent-Disposition: attachment;Content-Transfer-Encoding: base64%s%scontent-typemultipart/signedapplication/x-pkcs7-signatureapplication/pkcs7-signaturetype: application/x-pkcs7-mimeapplication/pkcs7-mimeContent-Type: text/plain

-----BEGIN %s-----
-----END %s-----
application/x-pkcs7-application/pkcs7-smime.p7mcerts-onlysigned-receiptcompressed-datasmime.p7zsigned-dataenveloped-dataMIME-Version: 1.0%s protocol="%ssignature"; micalg="sha-256sha-384sha-512"; boundary="----%s"%s%s%s------%s%sContent-Type: %ssignature; name="smime.p7s"%s filename="smime.p7s"%s%s%s------%s--%s%s name="%s"%s filename="%s"%sContent-Type: %smime; smime-type=%s;text/plain
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0123456789ABCDEF../../OpenSSL_1_1_1c/crypto/asn1/f_int.c../../OpenSSL_1_1_1c/crypto/asn1/f_string.c../../OpenSSL_1_1_1c/crypto/asn1/i2d_pr.c../../OpenSSL_1_1_1c/crypto/asn1/i2d_pu.cNETSCAPE_PKEYNETSCAPE_ENCRYPTED_PKEYenckeyNETSCAPE_CERT_SEQUENCE../../OpenSSL_1_1_1c/crypto/asn1/p5_pbe.cPBEPARAMiter../../OpenSSL_1_1_1c/crypto/asn1/p5_pbev2.cPBKDF2PARAMPBE2PARAMkeyfunc../../OpenSSL_1_1_1c/crypto/asn1/p5_scrypt.cSCRYPT_PARAMScostParameterblockSizeparallelizationParameterkeyLengthPKCS8_PRIV_KEY_INFOpkeyalgattributes%02x%s
 (Negative)%s 0
%s %s%lu (%s0x%lx)
../../OpenSSL_1_1_1c/crypto/asn1/t_pkey.cUNKNOWNNetscape SPKI:
 Public Key Algorithm: %s
 Unable to load public key
 Challenge String: %s
 Signature Algorithm: %s
    ../../OpenSSL_1_1_1c/crypto/asn1/tasn_dec.cBBHBBBBABBBHBPQO[OMNQ_^x]`P]\^\iglf,f,ilgg@igvjfiPgg
@ @,
Type=Field=p0pppppppppprtrDrrrdoqrrrDrPsvssttXtstsst|tDt../../OpenSSL_1_1_1c/crypto/asn1/tasn_enc.c../../OpenSSL_1_1_1c/crypto/asn1/tasn_fre.c4lY44H=H../../OpenSSL_1_1_1c/crypto/asn1/tasn_new.c,#L`p`|T`Mxd\tHhmmX
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ERROR: selector [%d] invalid
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Unprocessed type %d
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../../OpenSSL_1_1_1c/crypto/asn1/tasn_scn.cASN1_SET_ANYASN1_SEQUENCE_ANYASN1_OCTET_STRING_NDEFASN1_FBOOLEANASN1_TBOOLEANASN1_BOOLEANDIRECTORYSTRINGDISPLAYTEXTASN1_PRINTABLEASN1_SEQUENCEASN1_ANYASN1_NULLASN1_BMPSTRINGASN1_UNIVERSALSTRINGASN1_VISIBLESTRINGASN1_GENERALIZEDTIMEASN1_UTCTIMEASN1_GENERALSTRINGASN1_T61STRINGASN1_PRINTABLESTRINGASN1_UTF8STRING../../OpenSSL_1_1_1c/crypto/asn1/tasn_utl.cX509_ALGORSX509_ALGORCBIGNUM../../OpenSSL_1_1_1c/crypto/asn1/x_info.c../../OpenSSL_1_1_1c/crypto/asn1/x_int64.c%jd
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 to set poolfailed to swap contextinit failedinvalid pool
sizeasync_ctx_newASYNC_init_threadasync_job_newASYNC_pause_jobasync_start_funcASYNC_start_jobASYNC_WAIT_CTX_set_wait_fd../../OpenSSL_1_1_1c/crypto/async/async_wait.cblowfish(ptr)Xj?$.Dsp"8

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write(%d,%lu) - %s
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bio callback
 - unknown type (%d)
accept erroraddrinfo addr is not af inetambiguous host or servicebad fopen modebroken pipegetsockname errorgetsockname truncated addressgetting socktypeinvalid argumentinvalid socketin uselisten v6 onlylookup returned nothingmalformed host or servicenbio connect errorno port definedno such fileunable to bind socketunable to create socketunable to keepaliveunable to listen socketunable to nodelayunable to reuseaddrunavailable ip familyuninitializedunknown info typeunsupported ip familyunsupported methodunsupported protocol familywrite to read only
BIOWSAStartupacpt_stateaddrinfo_wrapaddr_stringsBIO_acceptBIO_accept_exBIO_ACCEPT_newBIO_ADDR_newBIO_bindBIO_callback_ctrlBIO_connectBIO_CONNECT_newBIO_ctrlBIO_getsBIO_get_host_ipBIO_get_new_indexBIO_get_portBIO_listenBIO_lookupBIO_lookup_exbio_make_pairBIO_meth_newBIO_newBIO_new_dgram_sctpBIO_new_fileBIO_new_mem_bufBIO_nreadBIO_nread0BIO_nwriteBIO_nwrite0BIO_parse_hostservBIO_putsBIO_readBIO_read_exbio_read_internBIO_socketBIO_socket_nbioBIO_sock_infoBIO_sock_initBIO_writeBIO_write_exbio_write_internconn_ctrlconn_statedgram_sctp_newdgram_sctp_readdgram_sctp_writedoapr_outchfile_readlinebuffer_ctrllinebuffer_newmem_writenbiof_newslg_writeSSL_newgethostbyname
 addr is not af inetno accept addr or service specifiedno hostname or service specified../../OpenSSL_1_1_1c/crypto/bio/bio_lib.c../../OpenSSL_1_1_1c/crypto/bio/bio_meth.c../../OpenSSL_1_1_1c/crypto/bio/bss_acpt.c service=hostname=socket
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B7gcPfG6n7z}c0A)f&dVTXTHUI0[Z.njf:"+G>hl iwW~@PMx
QV$AVUWna$
XK'aU{whkldMDfd~i/IO70j5,s@IvM;B(HDLns) _}oaOw.+r<}+FYYEETNoHm| cs_DVjpr]ny`
E`1\1BN"r\,rN@%/N2g@#x\n"ukMxnXO DH?{vw#Vu*F_(+8=6JRft;QZylu eX&hJpFS(l\v0k)h76*g$
k%h,DUueI40" WIbuU~bv^FESGm {s{OJWdCQz(~c5_ yCdcdJ$_(O@C "0O7-{$MgQLq_-
_d!S^>'_aB%rqK=;&o~~TLmDlI&36~?Pa w8Pr.PwWFgOT31 i5M\=f[]oo/"F}F9mOCCN! ?X(>nH&pwt|%
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certificate already presentcertificate has no keyidcertificate verify errorcipher initialisation errorcms datafinal
errorcms libcontentidentifier mismatchcontent not foundcontent type mismatchcontent type not signed datacontent
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errortype not compressed datatype not digested datatype not encrypted datatype not enveloped dataunable to
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algorithmunsupported recipient typeunwrap errorunwrap failureverification

failurecheck_contentCMS_add0_certCMS_add0_recipient_keyCMS_add0_recipient_passwordCMS_add1_ReceiptRequestCMS_add1_recipient_certCMS_add1_signercms_add1_signingTimeCMS_compresscms_CompressedData_createcms_CompressedData_init_biocms_copy_contentcms_copy_messageDigestCMS_dataCMS_dataFinalCMS_dataInitCMS_decryptCMS_decrypt_set1_keyCMS_decrypt_set1_passwordCMS_decrypt_set1_pkeycms_DigestAlgorithm_find_ctxcms_DigestAlgorithm_init_biocms_DigestedData_do_finalCMS_digest_verifycms_encode_ReceiptCMS_encryptcms_EncryptedContent_initcms_EncryptedContent_init_bioCMS_EncryptedData_decryptCMS_EncryptedData_encryptCMS_EncryptedData_set1_keyCMS_EnvelopedData_createcms_EnvelopedData_init_biocms_enveloped_data_initcms_env_asn1_ctrlCMS_finalcms_get0_certificate_choicesCMS_get0_contentcms_get0_econtent_typecms_get0_envelopedcms_get0_revocation_choicescms_get0_signedcms_msgSigDigest_add1CMS_ReceiptRequest_create0cms_Receipt_verifyCMS_RecipientInfo_decryptCMS_RecipientInfo_encryptcms_RecipientInfo_pwri_cryptCMS_RecipientInfo_set0_keyCMS_RecipientInfo_set0_pkeycms_sd_asn1_ctrlcms_set1_iascms_set1_keyidcms_set1_SignerIdentifierCMS_set_detachedCMS_signcms_signed_data_initcms_SignerInfo_content_signCMS_SignerInfo_signCMS_SignerInfo_verifycms_signerinfo_verify_certCMS_SignerInfo_verify_contentCMS_sign_receiptCMS_streamCMS_uncompressCMS_verifykek_unwrap_keycipher
parameter initialisation errorcontent type not compressed datacontent type not enveloped dataerror reading messagedigest attributeinvalid key encryption parametermessagedigest attribute wrong lengthmsgsigdigest verification failureprivate key does not match certificateunsupported compression algorithmunsupported key encryption algorithmunsupported recipientinfo
typecms_RecipientInfo_kari_encryptCMS_RecipientInfo_kari_get0_algCMS_RecipientInfo_kari_get0_orig_idCMS_RecipientInfo_kari_get0_reksCMS_RecipientInfo_kari_orig_id_cmpcms_RecipientInfo_kekri_decryptcms_RecipientInfo_kekri_encryptCMS_RecipientInfo_kekri_get0_idCMS_RecipientInfo_kekri_id_cmpCMS_RecipientInfo_ktri_cert_cmpcms_RecipientInfo_ktri_decryptcms_RecipientInfo_ktri_encryptCMS_RecipientInfo_ktri_get0_algsCMS_RecipientInfo_ktri_get0_signer_idCMS_RecipientInfo_set0_password../../OpenSSL_1_1_1c/crypto/cms/cms_ess.c../../OpenSSL_1_1_1c/crypto/cms/cms_io.cCMS../../OpenSSL_1_1_1c/crypto/cms/cms_kari.c../../OpenSSL_1_1_1c/crypto/cms/cms_lib.c$4Tt../../OpenSSL_1_1_1c/crypto/cms/cms_pwri.c../../OpenSSL_1_1_1c/crypto/cms/cms_sd.c../../OpenSSL_1_1_1c/crypto/cms/cms_smime.csmime_signVerify error:(undef)zlib deflate errorzlib inflate errorzlib not
supportedbio_zlib_flushbio_zlib_newbio_zlib_readbio_zlib_writeCOMP_CTX_new../../OpenSSL_1_1_1c/crypto/comp/comp_lib.c../../OpenSSL_1_1_1c/crypto/conf/conf_api.c../../OpenSSL_1_1_1c/crypto/conf/conf_def.c.conf[%s]
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.includeline rbWIN32OpenSSL default
@@ @error loading dsolist cannot be nullmissing close square bracketmissing equal signmissing init functionmodule initialization errorno close braceno confno sectionrecursive directory includessl command section emptyssl command section not foundssl section emptyssl section not foundunable to create new sectionunknown module namevariable expansion too longvariable has no
valueCONF_parse_listdef_loaddef_load_bioget_next_filemodule_addmodule_load_dsomodule_runNCONF_dump_bioNCONF_dump_fpNCONF_get_number_eNCONF_get_sectionNCONF_get_stringNCONF_loadNCONF_load_bioNCONF_load_fpNCONF_newprocess_includessl_module_initstr_copyno conf or environment variable../../OpenSSL_1_1_1c/crypto/conf/conf_lib.cgroup=openssl_confOPENSSL_initOPENSSL_finish, path=module=%-8d,
retcode=OPENSSL_CONFopenssl.cnf%s%s%s../../OpenSSL_1_1_1c/crypto/conf/conf_mod.c../../OpenSSL_1_1_1c/crypto/conf/conf_ssl.cfips
mode not supportedillegal hex digitodd number of
digitsCMAC_CTX_newCRYPTO_dup_ex_dataCRYPTO_free_ex_dataCRYPTO_get_ex_new_indexCRYPTO_memdupCRYPTO_new_ex_dataCRYPTO_ocb128_copy_ctxCRYPTO_ocb128_initCRYPTO_set_ex_dataFIPS_mode_setget_and_lockOPENSSL_atexitOPENSSL_buf2hexstropenssl_fopenOPENSSL_hexstr2bufOPENSSL_init_crypt

oOPENSSL_LH_newOPENSSL_sk_deep_copyOPENSSL_sk_duppkey_hmac_initpkey_poly1305_initpkey_siphash_initsk_reserveOPENSSL_ia32cap%s:%d: OpenSSL internal error: %s
../../OpenSSL_1_1_1c/crypto/ct/ct_b64.cbase64 decode errorinvalid log id lengthlog conf invalidlog conf invalid keylog conf missing descriptionlog conf missing keylog key invalidsct future timestampsct invalidsct invalid signaturesct list invalidsct log id mismatchsct not setsct unsupported versionunrecognized signature nidunsupported entry
typeCTLOG_newCTLOG_new_from_base64ctlog_new_from_confctlog_store_load_ctx_newCTLOG_STORE_load_filectlog_store_load_logCTLOG_STORE_newct_base64_decodeCT_POLICY_EVAL_CTX_newct_v1_log_id_from_pkeyi2o_SCTi2o_SCT_LISTi2o_SCT_signatureo2i_SCTo2i_SCT_LISTo2i_SCT_signatureSCT_CTX_newSCT_CTX_verifySCT_newSCT_new_from_base64SCT_set0_log_idSCT_set1_extensionsSCT_set1_log_idSCT_set1_signatureSCT_set_log_entry_typeSCT_set_signature_nidSCT_set_version../../OpenSSL_1_1_1c/crypto/ct/ct_log.c/usr/local/ssl/ct_log_list.cnfenabled_logsCTLOG_FILE../../OpenSSL_1_1_1c/crypto/ct/ct_oct.c../../OpenSSL_1_1_1c/crypto/ct/ct_policy.cunknown
 versionunknown logunverifiedunknown status
%*sVersion   : unknown
%*sv1 (0x0)
%*sLog   : %s
%*sLog ID   :
%*sTimestamp : %.14s.%03dZ
%*sExtensions:
%*sSignature : %02X%02X
%*s   ******%*sSigned Certificate Timestamp:../../OpenSSL_1_1_1c/crypto/ct/ct_sct.c../../OpenSSL_1_1_1c/crypto/ct/ct_sct_ctx.c../../OpenSSL_1_1_1c/crypto/ct/ct_vfy.c../../OpenSSL_1_1_1c/crypto/ct/ct_x509v3.c@@@@@@@@@hHHHH@@@@@@@@@@@@@@@@@@(

@OpenSSL 1.1.1c 28 May 2019platform: linux-x86_64OPENSSLDIR:
"/usr/local/ssl"not availablebuilt on: Tue May 18 03:58:47 2021 UTCENGINESDIR: "/usr/local/lib64/engines-1.1"`ApAAAAAcompiler: /home/buildmaster/sw/centaurea/gcc-7.4.0-rhel6/bin/x86_64-linux-gnu-gcc -fPIC -pthread -m64 -Wa,--noexecstack -Wall -O3 -DOPENSSL_USE_NODELETE -DL_ENDIAN -DOPENSSL_PIC -DOPENSSL_CPUID_OBJ -DOPENSSL_IA32_SSE2 -DOPENSSL_BN_ASM_MONT -DOPENSSL_BN_ASM_MONT5 -DOPENSSL_BN_ASM_GF2m -DSHA1_ASM -DSHA256_ASM -DSHA512_ASM -DKECCAK1600_ASM -DRC4_ASM -DMD5_ASM -DAES_ASM -DVPAES_ASM -DBSAES_ASM -DGHASH_ASM -DECP_NISTZ256_ASM -DX25519_ASM -DPOLY1305_ASM -DNDEBUG@@@@h@P@8@ADpEEEDE`ExDDD@DEEDEDCPLLLLpLPLKOOOOO|OlO\OLOHKKHLHK}HpHNONNONNNtNVVVVWVV`UpW,U,UUUTTTS\WRRW|RWiRVURHRUUVUVUVUtU$ 0@Pp[PD@/`

0@`M@50
P@@@

s: priv:pub: P: Q: G: OpenSSL DSA
method../../OpenSSL_1_1_1c/crypto/dsa/dsa_ameth.c../../OpenSSL_1_1_1c/crypto/dsa/dsa_asn1.cpub_keypriv_key
bad q valueinvalid digest typeinvalid parametersmissing
parametersDSAparams_printDSAparams_print_fpdsa_builtin_paramgendsa_builtin_paramgen2DSA_do_signDSA_
meth_dupDSA_meth_newDSA_meth_set1_nameDSA_new_methoddsa_param_decodeDSA_print_fpdsa_priv_enc
odedsa_pub_decodedsa_pub_encodeDSA_signold_dsa_priv_decodepkey_dsa_ctrlpkey_dsa_ctrl_strpkey_dsa_keyg
enseed_len is less than the length of
q../../OpenSSL_1_1_1c/crypto/dsa/dsa_gen.cggen../../OpenSSL_1_1_1c/crypto/dsa/dsa_lib.c../../OpenSSL_1_1_1c/
crypto/dsa/dsa_meth.c../../OpenSSL_1_1_1c/crypto/dsa/dsa_ossl.cdsa_paramgen_bitsdsa_paramgen_q_bitsdsa_para
mgen_md../../OpenSSL_1_1_1c/crypto/dsa/dsa_pmeth.c../../OpenSSL_1_1_1c/crypto/dsa/dsa_prn.c../../OpenSSL_1
_1_1c/crypto/dso/dso_dlfcn.cOpenSSL
'dlfcn' shared library methodlib%s.sosymname(filename(dlfcn_pathbyaddr(): control command faileddso already
loadedempty file structurefilename too bigincorrect file syntaxname translation failedno filenameset filename
failedfunctionality not
supporteddlfcn_bind_funcdlfcn_loaddlfcn_mergerdlfcn_name_converterdlfcn_unloaddl_bind_funcdl_loaddl_merge
rdl_name_converterdl_unloadDSO_bind_funcDSO_convert_filenameDSO_ctrlDSO_freeDSO_get_filenameDSO_g
lobal_lookupDSO_loadDSO_mergeDSO_new_methodDSO_pathbyaddrDSO_set_filenameDSO_up_refvms_bind_s
ymvms_loadvms_mergervms_unloadwin32_bind_funcwin32_globallookupwin32_joinerwin32_loadwin32_merger
win32_name_converterwin32_splitterwin32_unloadcleanup method function failedcould not load the shared
librarya null shared library handle was usedthe meth_data stack is corruptcould not bind to the requested symbol
namecould not unload the shared library../../OpenSSL_1_1_1c/crypto/dso/dso_lib.c;$%`7L>B=2LLL=u>Q@vAs.|
4L){zbDyVegYCCEC*lUq2Dj 2gP#8Ye)GO.PMK&PLUuVBLPbLr.+h3BT:#A5E-{
n4G`69YSTd\xh|>)U*`?> 8-VN%4cMI.TA)6Oo!2&Nt:,';1uur0^)8}
w, T~/cfzzB98w_n~3bE^ti'.E/:E8E~_` !*#!xg4p8B(F% HC,&pDKZ:t\fb`1 z")S+Um0w~ o*Ho4`?NjLiYUYv!
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4L){zbDyVegYCCEq<%9Ev}2MU0dXiSsb<7nfWrz,1j=BjnQkC*lUq2Dj 2gP#8Ye)GO.PMK&PLUuVBLPbLr.+h
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m,#%HgkZ5,*;?XN$qG:M!A?M!fW)VlD-I`>Q<$#m6#=8:|X~B&"f_.Tu"Jd\px*FCQdk#u>`;QE:Sfm`L<
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+xck$swyH6k(1bad signaturebignum out of rangecannot invertcoordinates out of rangecurve does not support ecdhd2i ecpkparameters failurediscriminant is zeroec group new by name failurefield too largegf2m not supportedgroup2pkparameters failurei2d ecpkparameters failureincompatible objectsinvalid compressed pointinvalid compression bitinvalid curveinvalid digestinvalid encodinginvalid fieldinvalid forminvalid group orderinvalid output lengthinvalid peer keyinvalid pentanomial basisinvalid private keyinvalid trinomial basisladder post failureladder pre failureladder step failuremissing private keyneed new setup valuesnot a NIST primeoperation not supportedpassed null parameterpkparameters2group failurepoint arithmetic failurepoint at infinitypoint is not on curveslot fullundefined generatorundefined
orderunknown cofactorunknown groupunknown orderunsupported fieldwrong curve parameterswrong orderBN_to_felemd2i_ECParametersd2i_ECPKParametersd2i_ECPrivateKeydo_EC_KEY_printecdh_cms_decrypt ecdh_cms_set_shared_infoECDH_compute_keyecdh_simple_compute_keyECDSA_do_sign_exECDSA_do_verify ECDSA_sign_exECDSA_sign_setupECDSA_SIG_newECDSA_verifyecd_item_verifyeckey_param2typeeckey_pa ram_decodeeckey_priv_decodeeckey_priv_encodeeckey_pub_decodeeckey_pub_encodeeckey_type2paramECPara meters_printECParameters_print_fpECPKParameters_printECPKParameters_print_fpecp_nistz256_get_affineecp_ nistz256_inv_mod_ordecp_nistz256_mult_precomputeecp_nistz256_points_mulecp_nistz256_pre_comp_newecp_n istz256_windowed_mulecx_key_opecx_priv_encodeecx_pub_encodeec_asn1_group2curveec_asn1_group2fieldide c_GF2m_simple_field_invec_GF2m_simple_ladder_postec_GF2m_simple_ladder_preec_GF2m_simple_oct2pointe c_GF2m_simple_point2octec_GF2m_simple_points_mulec_GFp_mont_field_decodeec_GFp_mont_field_encodeec _GFp_mont_field_invec_GFp_mont_field_mulec_GFp_mont_field_set_to_oneec_GFp_mont_field_sqrec_GFp_mo nt_group_set_curveec_GFp_nistp224_points_mulec_GFp_nistp256_points_mulec_GFp_nistp521_points_mulec_G Fp_nist_field_mulec_GFp_nist_field_sqrec_GFp_nist_group_set_curveec_GFp_simple_field_invec_GFp_simple_g roup_set_curveec_GFp_simple_make_affineec_GFp_simple_oct2pointec_GFp_simple_point2octEC_GROUP_chec kEC_GROUP_check_discriminantEC_GROUP_copyEC_GROUP_get_curveEC_GROUP_get_curve_GF2mEC_G ROUP_get_curve_GFpEC_GROUP_get_degreeEC_GROUP_get_ecparametersEC_GROUP_get_ecpkparametersE

C_GROUP_get_trinomial_basisEC_GROUP_newEC_GROUP_new_by_curve_nameec_group_new_from_dataEC_GROUP_set_curveEC_GROUP_set_curve_GF2mEC_GROUP_set_curve_GFpEC_GROUP_set_generatorEC_GROUP_set_seedEC_KEY_check_keyEC_KEY_copyEC_KEY_generate_keyEC_KEY_newEC_KEY_new_methodEC_KEY_oct2privEC_KEY_print_fpEC_KEY_priv2bufEC_KEY_priv2octec_key_simple_check_keyec_key_simple_oct2privec_key_simple_priv2octec_pkey_checkec_pkey_param_checkEC_POINTs_make_affineEC_POINTs_mulEC_POINT_addEC_POINT_bn2pointEC_POINT_cmpEC_POINT_copyEC_POINT_dblEC_POINT_invertEC_POINT_is_at_infinityEC_POINT_is_on_curveEC_POINT_make_affineEC_POINT_newEC_POINT_oct2pointEC_POINT_point2bufEC_POINT_point2octEC_POINT_set_to_infinityec_pre_comp_newec_scalar_mul_ladderec_wNAF_mulec_wNAF_precompute_multi2d_ECParametersi2d_ECPKParametersi2d_ECPrivateKeyi2o_ECPublicKeynistp224_pre_comp_newnistp256_pre_comp_newnistp521_pre_comp_newo2i_ECPublicKeyold_ec_priv_decodeossl_ecdh_compute_keyossl_ecdsa_sign_sigossl_ecdsa_verify_sigpkey_ecd_ctrlpkey_ecd_digestsignpkey_ecd_digestsign25519pkey_ecd_digestsign448pkey_ecx_derivepkey_ec_ctrlpkey_ec_ctrl_strpkey_ec_derivepkey_ec_initpkey_ec_kdf_derivepkey_ec_keygenpkey_ec_paramgenpkey_ec_signvalidate_ecx_derivecurve
does not support signingpoint coordinates blind failurerandom number generation
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EC_KEY
method../../OpenSSL_1_1_1c/crypto/ec/ec_lib.c../../OpenSSL_1_1_1c/crypto/ec/ec_mult.c../../OpenSSL_1_1_1c/crypto/ec/ec_oct.cec_paramgen_curveec_param_encexplicitecdh_kdf_mdecdh_cofactor_mode../../OpenSSL_1_1_1c/crypto/ec/ec_pmeth.c../../OpenSSL_1_1_1c/crypto/ec/ec_print.c../../OpenSSL_1_1_1c/crypto/ec/ecdh_ossl.c../../OpenSSL_1_1_1c/crypto/ec/ecdsa_ossl.c../../OpenSSL_1_1_1c/crypto/ec/ecdsa_sign.c../../OpenSSL_1_1_1c/crypto/ec/ecdsa_vrf.c../../OpenSSL_1_1_1c/crypto/ec/eck_prn.cASN1 OID: %sNIST CURVE: %s
Field Type: %s
Basis Type: %s
Polynomial:A: Prime:B: Generator (compressed):Order: Generator (uncompressed):Generator (hybrid):Cofactor: Seed:../../OpenSSL_1_1_1c/crypto/ec/ecp_mont.c../../OpenSSL_1_1_1c/crypto/ec/ecp_nist.c../../OpenSSL_1_1_1c/crypto/ec/ecp_nistz256.c

yL$oIyFYk+9E(V-
f../../OpenSSL_1_1_1c/crypto/ec/ecp_oct.c../../OpenSSL_1_1_1c/crypto/ec/ecp_smpl.c../../OpenSSL_1_1_1c/crypto/ec/ecx_meth.c%*s<INVALID
PRIVATE KEY>
%*s%s Private-Key:
%*s<INVALID PUBLIC KEY>
%*s%s Public-Key:
ED448OpenSSL ED448 algorithmED25519OpenSSL ED25519 algorithmX448OpenSSL X448 algorithmX25519OpenSSL X25519

algorithm../../OpenSSL_1_1_1c/crypto/engine/eng_cnf.cengine_idsoft_loaddynamic_pathdynamicSO_PATHLIST_ADDdefault_algorithms,
name=engines../../OpenSSL_1_1_1c/crypto/engine/eng_ctrl.c444|4]484/4../../OpenSSL_1_1_1c/crypto/engine/eng_dyn.cDynamic engine loading supportSpecifies the path to the new ENGINE shared librarySpecifies to continue even if version checking fails (boolean)Specifies an ENGINE id name for loadingWhether to add a loaded ENGINE to the internal list (0=no,1=yes,2=mandatory)Specifies whether to load from 'DIR_ADD' directories (0=no,1=yes,2=mandatory)Adds a directory from which ENGINEs can be loadedLoad up the ENGINE specified by other settingsv_checkbind_engineNO_VCHECKDIR_LOADDIR_ADD:9X;8;;9X:argument
is not a numbercmd not executablecommand takes inputcommand takes no inputconflicting engine idctrl command not implementedDSO failuredso not foundengines section errorengine configuration errorengine is not in the listengine section errorfailed loading private keyfailed loading public keyfinish failed'id' or 'name' missinginternal list errorinvalid cmd nameinvalid cmd numberinvalid init valueinvalid stringnot loadedno control functionno indexno load functionno referenceno such engineunimplemented cipherunimplemented digestversion incompatibilitydigest_updatedynamic_ctrldynamic_get_data_ctxdynamic_loaddynamic_set_data_ctxENGINE_add ENGINE_by_idENGINE_cmd_is_executableENGINE_ctrlENGINE_ctrl_cmdENGINE_ctrl_cmd_stringENGINE_finishENGINE_get_cipherENGINE_get_digestENGINE_get_firstENGINE_get_lastENGINE_get_nextENGINE_get_pkey_asn1_methENGINE_get_pkey_methENGINE_get_prevENGINE_initengine_list_addengine_list_removeENGINE_load_private_keyENGINE_load_public_keyENGINE_load_ssl_client_certENGINE_newENGINE_pkey_asn1_find_strENGINE_removeENGINE_set_default_stringENGINE_set_idENGINE_set_nameengine_table_register engine_unlocked_finishENGINE_up_refint_cleanup_itemint_ctrl_helperint_engine_configureint_engine_module_initossl_hmac_initunimplemented
public key
methodRANDCIPHERSDIGESTSPKEY_CRYPTOPKEY_ASN1str=../../OpenSSL_1_1_1c/crypto/engine/eng_fat.c../../OpenSSL_1_1_1c/crypto/engine/eng_init.c../../OpenSSL_1_1_1c/crypto/engine/eng_lib.c../../OpenSSL_1_1_1c/crypto/engine/eng_list.c/usr/local/lib64/engines-1.1OPENSSL_ENGINESid=(TEST_ENG_OPENSSL_PKEY)Loading Private key %s
(TEST_ENG_OPENSSL_RC4) test_init_key() called
openssslSoftware engine support../../OpenSSL_1_1_1c/crypto/engine/eng_pkey.crdrandIntel RDRAND engine../../OpenSSL_1_1_1c/crypto/engine/eng_table.c../../OpenSSL_1_1_1c/crypto/engine/tb_asnmth.c../../OpenSSL_1_1_1c/crypto/engine/tb_cipher.c../../OpenSSL_1_1_1c/crypto/engine/tb_digest.c../../OpenSSL_1_1_1c/crypto/engine/tb_pkmeth.clib(%lu)func(%lu)reason(%lu)error:%08lX:%s:%s:%serr:%lx:%lx:%lx:%lxsystem
libBN libRSA libDH libEVP libBUF libOBJ libPEM libX509 libASN1 libEC libBIO libPKCS7 libX509V3 libENGINE libUI libSTORE libECDSA libnested asn1 errormissing asn1 eosmalloc failurepassed a null parameterinit failoperation
failgetservbynameioctlsocketopendirfreadgetaddrinfogetnameinfogetsocknamegethostbynameflushcloseioctlfcntlfstatunknown librarysystem librarybignum routinesrsa routinesDiffie-Hellman routinesdigital envelope routinesmemory buffer routinesobject identifier routinesPEM routinesdsa routinesx509 certificate routinesasn1 encoding routinesconfiguration file routinescommon libcrypto routineselliptic curve routinesECDSA routinesECDH routinesSSL routinesBIO routinesPKCS7 routinesX509 V3 routinesPKCS12 routinesrandom number generatorDSO support routinestime stamp routinesengine routinesOCSP routinesUI routinesFIPS routinesCMS routinesHMAC routinesCT routinesASYNC routinesKDF routinesSTORE routinesSM2
routines../../OpenSSL_1_1_1c/crypto/err/err.ccalled
a function you should not callcalled a function that was disabled at compile-time%lu:%s:%s:%d:%s
../../OpenSSL_1_1_1c/crypto/evp/bio_b64.cassertion failed: ctx->buf_off < (int)sizeof(ctx->buf)assertion failed: ctx->buf_len <= (int)sizeof(ctx->buf)assertion failed: ctx->buf_len >= ctx->buf_offassertion failed: ctx->buf_off <= (int)sizeof(ctx->buf)assertion failed: ctx->tmp_len <= 3assertion failed: ctx->buf_off + i < (int)sizeof(ctx->buf)assertion failed: i <= nbase64
encoding../../OpenSSL_1_1_1c/crypto/evp/bio_enc.c../../OpenSSL_1_1_1c/crypto/evp/bio_ok.cThe quick brown

fox jumped over the lazy dog's back.reliableDESX-CBCDESXdesxDES-EDE3-CBCDES3des3DES-EDEDES-EDE-ECBdes-ede-ecbDES-EDE3DES-EDE3-ECBdes-ede3-ecbid-smime-alg-CMS3DESwrapdes3-wrapIDEA-CBCIDEAideaSEED-CBCSEEDSM4-CBCSM4sm4rc2rc2-128RC2-64-CBCrc2-64RC2-40-CBCrc2-40BF-CBCBFbfblowfishCAST5-CBCCASTcastCAST-cbccast-cbcid-aes128-wrapAES-128-CBCAES128aes128id-aes192-wrapAES-192-CBCAES192aes192id-aes256-wrapAES-256-CBCAES256aes256ARIA-128-CBCARIA128aria128ARIA-192-CBCARIA192aria192ARIA-256-CBCARIA256aria256CAMELLIA-128-CBCCAMELLIA128camellia128CAMELLIA-192-CBCCAMELLIA192camellia192CAMELLIA-256-CBCCAMELLIA256camellia256ssl3-md5ssl3-sha1RSA-SHA1RSA-SHA1-2ripemdrmd160../../OpenSSL_1_1_1c/crypto/evp/cmeth_lib.c../../OpenSSL_1_1_1c/crypto/evp/digest.cassertion failed: ctx->digest->md_size <= EVP_MAX_MD_SIZE../../OpenSSL_1_1_1c/crypto/evp/e_aes.cXx(D\\ghHHHHHHHHHHHHH@45767736666666666666666jjjjjjjjjjjjjjj[\X_^(_X_p[../../OpenSSL_1_1_1c/crypto/evp/e_aria.cLz|~|~|~|~|~|~}||~|~|~|~|~|~}z{l{|~|~D||~z`x8x../../OpenSSL_1_1_1c/crypto/evp/e_camellia.c../../OpenSSL_1_1_1c/crypto/evp/e_chacha20_poly1305.c(H`P../../OpenSSL_1_1_1c/crypto/evp/e_des3.cJ,y!../../OpenSSL_1_1_1c/crypto/evp/e_rc2.cassertion failed: l <= sizeof(iv)../../OpenSSL_1_1_1c/crypto/evp/encode.cassertion failed: ctx->length <= (int)sizeof(ctx->enc_data)>?

!"#$%&'()*+,-./0123456789:;<=>?456789:;<=

!"#$%&'()*+,-./01230123456789ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz./ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789+/../../OpenSSL_1_1_1c/crypto/evp/evp_cnf.cfips_modealg_section../../OpenSSL_1_1_1c/crypto/evp/evp_enc.cassertion failed: bl <= (int)sizeof(ctx->buf)assertion failed: b <= sizeof(ctx->buf)assertion failed: b <= sizeof(ctx->final)assertion failed: ctx->cipher->block_size == 1 || ctx->cipher->block_size == 8 || ctx->cipher->block_size == 16assertion failed: EVP_CIPHER_CTX_iv_length(ctx) <= (int)sizeof(ctx->iv)[[haes key setup failedaria key setup failedbad decryptcamellia key setup failedcipher parameter errorcommand not supportedcopy errorctrl not implementeddifferent key typesdifferent parameterserror setting fips modeexpecting an hmac keyexpecting an rsa keyexpecting a dh keyexpecting a dsa keyexpecting a ec keyexpecting a poly1305 keyexpecting a siphash keyget raw key failedillegal scrypt parametersinput not initializedinvalid fips modeinvalid operationkeygen failurememory limit exceededmessage digest is nullmethod not supportednot XOF or invalid lengthno cipher setno key setno operation setonly oneshot supportedoperaton not initializedpartially overlapping bufferspbkdf2 errorprivate key decode errorprivate key encode errorpublic key not rsaunknown digestunknown optionunknown pbe algorithmunsupported algorithmunsupported keylengthunsupported key sizeunsupported number of roundsunsupported prfunsupported salt typewrap mode not allowedwrong final block lengthaesni_init_keyaes_init_keyaes_ocb_cipheraes_t4_init_keyaes_wrap_cipheralg_module_initaria_ccm_init_keyaria_gcm_ctrlaria_gcm_init_keyaria_init_keyb64_newcamellia_init_keychacha20_poly1305_ctrlcmll_t4_init_keydes_ede3_wrap_cipherdo_sigver_initenc_newEVP_CipherInit_exEVP_CIPHER_asn1_to_paramEVP_CIPHER_CTX_copyEVP_CIPHER_CTX_ctrlEVP_CIPHER_CTX_set_key_lengthEVP_CIPHER_param_to_asn1EVP_DecryptFinal_exEVP_DecryptUpdateEVP_DigestFinalXOFEVP_DigestInit_exevp_EncryptDecryptUpdateEVP_EncryptFinal_exEVP_EncryptUpdateEVP_MD_CTX_copy_exEVP_MD_sizeEVP_OpenInitEVP_PBE_alg_addEVP_PBE_alg_add_typeEVP_PBE_CipherInitEVP_PBE_scryptEVP_PKCS82PKEYEVP_PKEY2PKCS8EVP_PKEY_asn1_add0EVP_PKEY_checkEVP_PKEY_copy_parametersEVP_PKEY_CTX_ctrlEVP_PKEY_CTX_ctrl_strEVP_PKEY_CTX_dupEVP_PKEY_CTX_mdEVP_PKEY_decryptEVP_PKEY_decrypt_initEVP_PKEY_decrypt_oldEVP_PKEY_deriveEVP_PKEY_derive_initEVP_PKEY_derive_set_peerEVP_PKEY_encryptEVP_PKEY_encrypt_initEVP_PKEY_encrypt_oldEVP_PKEY_get0_DHEVP_PKEY_get0_DSAEVP_PKEY_get0_EC_KEYEVP_PKEY_get0_hmacEVP_PKEY_get0_poly1305EVP_PKEY_get0_RSAEVP_PKEY_get0_siphashEVP_PKEY_get_raw_private_keyEVP_PKEY_get_raw_public_keyEVP_PKEY_keygenEVP_PKEY_keygen_initEVP_PKEY_meth_add0EVP_P

KEY_meth_newEVP_PKEY_newEVP_PKEY_new_CMAC_keyEVP_PKEY_new_raw_private_keyEVP_PKEY_new_raw_public_keyEVP_PKEY_paramgenEVP_PKEY_paramgen_initEVP_PKEY_param_checkEVP_PKEY_public_checkEVP_PKEY_set1_engineEVP_PKEY_set_alias_typeEVP_PKEY_signEVP_PKEY_sign_initEVP_PKEY_verifyEVP_PKEY_verify_initEVP_PKEY_verify_recoverEVP_PKEY_verify_recover_initEVP_SignFinalEVP_VerifyFinalint_ctx_newok_newPKCS5_PBE_keyivgenPKCS5_v2_PBE_keyivgenPKCS5_v2_PBKDF2_keyivgenPKCS5_v2_scrypt_keyivgenpkey_set_typerc2_magic_to_methrc5_ctrls390x_aes_gcm_ctrlctrl
operation not implementeddata not multiple of block lengthoperation not supported for this keytypepkey application asn1 method already registeredunsupported key derivation functionunsupported private key algorithm../../OpenSSL_1_1_1c/crypto/evp/evp_key.cassertion failed: nkey <= EVP_MAX_KEY_LENGTHassertion failed: niv <= EVP_MAX_IV_LENGTH../../OpenSSL_1_1_1c/crypto/evp/evp_lib.cassertion failed: l <= sizeof(c->iv)assertion failed: j <= sizeof(c->iv)../../OpenSSL_1_1_1c/crypto/evp/evp_pbe.cTYPE=../../OpenSSL_1_1_1c/crypto/evp/evp_pkey.c\\\\\\\\\\\\\\\\\\../../OpenSSL_1_1_1c/crypto/evp/m_sigver.c../../OpenSSL_1_1_1c/crypto/evp/p5_crpt.cassertion failed: EVP_CIPHER_key_length(cipher) <= (int)sizeof(md_tmp)assertion failed: EVP_CIPHER_iv_length(cipher) <= 16../../OpenSSL_1_1_1c/crypto/evp/p5_crpt2.cassertion
failed: keylen <= sizeof(key)../../OpenSSL_1_1_1c/crypto/evp/p_dec.c../../OpenSSL_1_1_1c/crypto/evp/p_enc.c../../OpenSSL_1_1_1c/crypto/evp/p_lib.c%s algorithm "%s" unsupported
Public KeyPrivate Key../../OpenSSL_1_1_1c/crypto/evp/p_open.c../../OpenSSL_1_1_1c/crypto/evp/p_sign.c../../OpenSSL_1_1_1c/crypto/evp/p_verify.c../../OpenSSL_1_1_1c/crypto/evp/pbe_scrypt.c../../OpenSSL_1_1_1c/crypto/evp/pmeth_fn.c../../OpenSSL_1_1_1c/crypto/evp/pmeth_gn.c../../OpenSSL_1_1_1c/crypto/evp/pmeth_lib.c../../OpenSSL_1_1_1c/crypto/ex_data.cHMACOpenSSL HMAC method../../OpenSSL_1_1_1c/crypto/hmac/hm_pmeth.c../../OpenSSL_1_1_1c/crypto/hmac/hmac.cj|3ly\I,idea(int)../../OpenSSL_1_1_1c/crypto/init.c../../OpenSSL_1_1_1c/crypto/kdf/hkdf.c@xEXTRACT_AND_EXPANDEXTRACT_ONLYEXPAND_ONLYhexsalthexinfomissing iteration countmissing message digestmissing parametermissing passmissing saltmissing secretmissing seedunknown parameter typevalue missingpkey_hkdf_ctrl_strpkey_hkdf_derivepkey_hkdf_initpkey_scrypt_ctrl_strpkey_scrypt_ctrl_uint64pkey_scrypt_derivepkey_scrypt_initpkey_scrypt_set_membufpkey_tls1_prf_ctrl_strpkey_tls1_prf_derivepkey_tls1_prf_inittls1_prf_alg../../OpenSSL_1_1_1c/crypto/kdf/scrypt.c,hexpassmaxmem_bytes../../OpenSSL_1_1_1c/crypto/kdf/tls1_prf.chexsecrethexseednum_items
= %lu
num_nodes = %u
num_alloc_nodes = %u
num_expands = %lu
num_expand_reallocs = %lu
num_contracts = %lu
num_contract_reallocs = %lu
num_hash_calls = %lu
num_comp_calls = %lu
num_insert = %lu
num_replace = %lu
num_delete = %lu
num_no_delete = %lu
num_retrieve = %lu
num_retrieve_miss = %lu
num_hash_comps = %lu

node %6u -> %3u
%lu nodes used out of %u
%lu items
load %d.%02d actual load %d.%02d
../../OpenSSL_1_1_1c/crypto/lhash/lhash.c#EgvT2../../OpenSSL_1_1_1c/crypto/mem_sec.cassertion failed: list >= 0 && list < sh.freelist_sizeassertion failed: ((ptr - sh.arena) & ((sh.arena_size >>
 list) - 1)) == 0assertion failed: bit > 0 && bit < sh.bittable_sizeassertion failed: !TESTBIT(table, bit)assertion failed: WITHIN_FREELIST(list)assertion failed: WITHIN_ARENA(ptr)assertion failed: temp->next == NULL || WITHIN_ARENA(temp->next)assertion failed: (char **)temp->next->p_next == listassertion failed: TESTBIT(table, bit)assertion failed: (bit & 1) == 0assertion failed: sh_testbit(ptr, list, sh.bittable)assertion failed: ptr == sh_find_my_buddy(buddy, list)assertion failed: !sh_testbit(ptr, list, sh.bitmalloc)assertion failed: WITHIN_FREELIST(temp2->p_next) || WITHIN_ARENA(temp2->p_next)assertion failed: sh.freelist[list] == ptrassertion failed: (size & (size - 1)) == 0assertion failed: (minsize & (minsize - 1)) == 0assertion failed: sh.freelist != NULLassertion failed: sh.bittable != NULLassertion failed: sh.bitmalloc != NULLassertion failed: !sh_testbit(temp, slist, sh.bitmalloc)assertion failed: temp != sh.freelist[slist]assertion failed: sh.freelist[slist] == tempassertion
 failed: temp-(sh.arena_size >> slist) == sh_find_my_buddy(temp, slist)assertion failed: sh_testbit(chunk, list, sh.bittable)assertion failed: WITHIN_ARENA(chunk)assertion failed: ptr != NULLassertion failed: size > 0assertion failed: minsize > 0../../OpenSSL_1_1_1c/crypto/modes/gcm128.c../../OpenSSL_1_1_1c/crypto/modes/ocb128.cYY../../OpenSSL_1_1_1c/crypto/o_fips.c../../OpenSSL_1_1_1c/crypto/o_str.c

0123456789ABCDEF../../OpenSSL_1_1_1c/crypto/objects/o_names.c../../OpenSSL_1_1_1c/crypto/objects/obj_dat.cNetscape Certificate ExtensionX509v3 Private Key Usage PeriodX509v3 Subject Alternative NameX509v3 Issuer Alternative NameX509v3 Authority Key IdentifierX509v3 CRL Distribution PointsMicrosoft Individual Code SigningMicrosoft Commercial Code SigningMicrosoft Encrypted File SystempbeWithSHA1And3-KeyTripleDES-CBCpbeWithSHA1And2-KeyTripleDES-CBCid-smime-mod-ets-eSignature-88id-smime-mod-ets-eSignature-97id-smime-mod-ets-eSigPolicy-88id-smime-mod-ets-eSigPolicy-97id-smime-aa-signingCertificateid-smime-aa-ets-commitmentTypeid-smime-aa-ets-signerLocationid-smime-aa-ets-contentTimestampid-smime-aa-ets-CertificateRefsid-smime-aa-ets-RevocationRefsid-smime-aa-ets-revocationValuesid-smime-aa-ets-certCRLTimestampid-smime-aa-ets-archiveTimeStampid-smime-cti-ets-proofOfOriginid-smime-cti-ets-proofOfReceiptid-smime-cti-ets-proofOfDeliveryid-smime-cti-ets-proofOfSenderid-smime-cti-ets-proofOfApprovalid-smime-cti-ets-proofOfCreationdirectory
 services - algorithmsX509v3 No Revocation AvailableSecure Electronic TransactionsMicrosoft Universal Principal NameX509v3 Subject Directory AttributesX509v3 Issuing Distribution Pointid-GostR3411-94-with-GostR3410-2001GOST R 34.11-94 with GOST R 34.10-2001id-GostR3411-94-with-GostR3410-94GOST R 34.11-94 with GOST R 34.10-94id-Gost28147-89-CryptoPro-KeyMeshingid-Gost28147-89-None-KeyMeshingid-GostR3411-94-CryptoProParamSetid-Gost28147-89-CryptoPro-A-ParamSetid-Gost28147-89-CryptoPro-B-ParamSetid-Gost28147-89-CryptoPro-C-ParamSetid-Gost28147-89-CryptoPro-D-ParamSetid-Gost28147-89-CryptoPro-Oscar-1-1-ParamSetid-Gost28147-89-CryptoPro-Oscar-1-0-ParamSetid-Gost28147-89-CryptoPro-RIC-1-ParamSetid-GostR3410-94-CryptoPro-A-ParamSetid-GostR3410-94-CryptoPro-B-ParamSetid-GostR3410-94-CryptoPro-C-ParamSetid-GostR3410-94-CryptoPro-D-ParamSetid-GostR3410-94-CryptoPro-XchA-ParamSetid-GostR3410-94-CryptoPro-XchB-ParamSetid-GostR3410-94-CryptoPro-XchC-ParamSetid-GostR3410-2001-TestParamSetid-GostR3410-2001-CryptoPro-A-ParamSetid-GostR3410-2001-CryptoPro-B-ParamSetid-GostR3410-2001-CryptoPro-C-ParamSetid-GostR3410-2001-CryptoPro-XchA-ParamSetid-GostR3410-2001-CryptoPro-XchB-ParamSetGOST

28147-89 Cryptocom ParamSetid-GostR3411-94-with-GostR3410-94-ccGOST R 34.11-94 with GOST R 34.10-94 Cryptocomid-GostR3411-94-with-GostR3410-2001-ccGOST R 34.11-94 with GOST R 34.10-2001 CryptocomGOST R 3410-2001 Parameter Set CryptocomdhSinglePass-stdDH-sha1kdf-schemedhSinglePass-stdDH-sha224kdf-schemedhSinglePass-stdDH-sha256kdf-schemedhSinglePass-stdDH-sha384kdf-schemedhSinglePass-stdDH-sha512kdf-schemedhSinglePass-cofactorDH-sha1kdf-schemedhSinglePass-cofactorDH-sha224kdf-schemedhSinglePass-cofactorDH-sha256kdf-schemedhSinglePass-cofactorDH-sha384kdf-schemedhSinglePass-cofactorDH-sha512kdf-schemejurisdictionStateOrProvinceNameGOST R 34.10-2012 with 256 bit modulusGOST R 34.10-2012 with 512 bit modulusGOST R 34.11-2012 with 256 bit hashGOST R 34.11-2012 with 512 bit hashid-tc26-signwithdigest-gost3410-2012-256GOST R 34.10-2012 with GOST R 34.11-2012 (256 bit)id-tc26-signwithdigest-gost3410-2012-512GOST R 34.10-2012 with GOST R 34.11-2012 (512 bit)id-tc26-hmac-gost-3411-2012-256id-tc26-hmac-gost-3411-2012-512id-tc26-agreement-gost-3410-2012-256id-tc26-agreement-gost-3410-2012-512id-tc26-gost-3410-2012-512-constantsid-tc26-gost-3410-2012-512-paramSetTestGOST R 34.10-2012 (512 bit) testing parameter setid-tc26-gost-3410-2012-512-paramSetAGOST R 34.10-2012 (512 bit) ParamSet Aid-tc26-gost-3410-2012-512-paramSetBGOST R 34.10-2012 (512 bit) ParamSet BGOST 28147-89 TC26 parameter setCtrl/Provision WAP Terminationid-smime-aa-signingCertificateV2Professional Information or basis for Admissionid-rsassa-pkcs1-v1_5-with-sha3-224id-rsassa-pkcs1-v1_5-with-sha3-256id-rsassa-pkcs1-v1_5-with-sha3-384id-rsassa-pkcs1-v1_5-with-sha3-512id-tc26-gost-3410-2012-256-constantsid-tc26-gost-3410-2012-256-paramSetAGOST R 34.10-2012 (256 bit) ParamSet Aid-tc26-gost-3410-2012-512-paramSetCGOST R 34.10-2012 (512 bit) ParamSet CIEEE Security in Storage Working Groupid-tc26-cipher-gostr3412-2015-magmaid-tc26-cipher-gostr3412-2015-magma-ctracpkmid-tc26-cipher-gostr3412-2015-magma-ctracpkm-omacid-tc26-cipher-gostr3412-2015-kuznyechikid-tc26-cipher-gostr3412-2015-kuznyechik-ctracpkmid-tc26-cipher-gostr3412-2015-kuznyechik-ctracpkm-omacid-tc26-wrap-gostr3412-2015-magmaid-tc26-wrap-gostr3412-2015-magma-kexp15id-tc26-wrap-gostr3412-2015-kuznyechikid-tc26-wrap-gostr3412-2015-kuznyechik-kexp15id-tc26-gost-3410-2012-256-paramSetBGOST R 34.10-2012 (256 bit) ParamSet Bid-tc26-gost-3410-2012-256-paramSetCGOST R 34.10-2012 (256 bit) ParamSet Cid-tc26-gost-3410-2012-256-paramSetDGOST R 34.10-2012 (256 bit) ParamSet D.%luUNDEFundefinedrsadsiRSA Data Security, Inc.pkcsRSA Data Security, Inc. PKCSmd2rc4rsaEncryptionRSA-MD2md2WithRSAEncryptionRSA-MD5md5WithRSAEncryptionPBE-MD2-DESpbeWithMD2AndDES-CBCPBE-MD5-DESpbeWithMD5AndDES-CBCX500directory services (X.500)commonNamecountryNamelocalityNamestateOrProvinceNameorganizationNameOUorganizationalUnitNamepkcs7pkcs7-datapkcs7-signedDatapkcs7-envelopedDatapkcs7-signedAndEnvelopedDatapkcs7-digestDatapkcs7-encryptedDatapkcs3dhKeyAgreementDES-ECBdes-ecbDES-CFBdes-cfbdes-cbcdes-ededes-ede3idea-cbcIDEA-CFBidea-cfbIDEA-ECBidea-ecbrc2-cbcRC2-ECBrc2-ecbRC2-CFBrc2-cfbRC2-OFBrc2-ofbshaRSA-SHAshaWithRSAEncryptionDES-EDE-CBCdes-ede-cbcdes-ede3-cbcDES-OFBdes-ofbIDEA-OFBidea-ofbpkcs9emailAddressunstructuredNamecountersignaturechallengePasswordunstructuredAddressextendedCertificateAttributesNetscapeNetscape Communications Corp.nsCertExtnsDataTypeNetscape Data TypeDES-EDE-CFBdes-ede-cfbDES-EDE3-CFBdes-ede3-cfbDES-EDE-OFBdes-ede-ofbDES-EDE3-OFBdes-ede3-ofbsha1WithRSAEncryptionDSA-SHAdsaWithSHADSA-olddsaEncryption-oldPBE-SHA1-RC2-64pbeWithSHA1AndRC2-CBCPBKDF2DSA-SHA1-olddsaWithSHA1-oldnsCertTypeNetscape Cert TypensBaseUrlNetscape Base UrlnsRevocationUrlNetscape Revocation UrlnsCaRevocationUrlNetscape CA Revocation UrlnsRenewalUrlNetscape Renewal UrlnsCaPolicyUrlNetscape CA Policy UrlnsSslServerNameNetscape SSL Server NamensCommentNetscape CommentnsCertSequenceNetscape Certificate Sequencedesx-cbcid-ceX509v3 Subject Key IdentifierkeyUsageX509v3 Key UsageprivateKeyUsagePeriodsubjectAltNameissuerAltNamebasicConstraintsX509v3 Basic ConstraintscrlNumberX509v3 CRL NumbercertificatePoliciesX509v3 Certificate PoliciesauthorityKeyIdentifierbf-cbcBF-ECBbf-ecbBF-CFBbf-cfbBF-OFBbf-ofbmdc2RSA-MDC2mdc2WithRSArc4-40rc2-40-cbcgivenNameSNsurnameinitialsuiduniqueIdentifiercrlDistributionPointsRSA-NP-MD5md5WithRSAtitlecast5-

cbcCAST5-ECBcast5-ecbCAST5-CFBcast5-cfbCAST5-OFBcast5-ofbpbeWithMD5AndCast5CBCDSA-SHA1dsaWithSHA1MD5-SHA1md5-sha1sha1WithRSAdsaEncryptionripemd160RSA-RIPEMD160ripemd160WithRSARC5-CBCrc5-cbcRC5-ECBrc5-ecbRC5-CFBrc5-cfbRC5-OFBrc5-ofbZLIBzlib
compressionextendedKeyUsageX509v3 Extended Key UsagePKIXid-kpserverAuthTLS Web Server AuthenticationclientAuthTLS Web Client AuthenticationcodeSigningCode SigningemailProtectionE-mail ProtectiontimeStampingmsCodeIndmsCodeCommsCTLSignMicrosoft Trust List SigningmsSGCMicrosoft Server Gated CryptomsEFSnsSGCNetscape Server Gated CryptodeltaCRLX509v3 Delta CRL IndicatorCRLReasonX509v3 CRL Reason CodeinvalidityDateInvalidity DateSXNetIDStrong Extranet IDPBE-SHA1-RC4-128pbeWithSHA1And128BitRC4PBE-SHA1-RC4-40pbeWithSHA1And40BitRC4PBE-SHA1-3DESPBE-SHA1-2DESPBE-SHA1-RC2-128pbeWithSHA1And128BitRC2-CBCPBE-SHA1-RC2-40pbeWithSHA1And40BitRC2-CBCkeyBagpkcs8ShroudedKeyBagcertBagcrlBagsecretBagsafeContentsBagfriendlyNamelocalKeyIDx509CertificatesdsiCertificatex509CrlPBES2PBMAC1hmacWithSHA1id-qt-cpsPolicy
Qualifier CPSid-qt-unoticePolicy Qualifier User Noticerc2-64-cbcSMIME-CAPSS/MIME CapabilitiesPBE-MD2-RC2-64pbeWithMD2AndRC2-CBCPBE-MD5-RC2-64pbeWithMD5AndRC2-CBCPBE-SHA1-DESpbeWithSHA1AndDES-CBCmsExtReqMicrosoft Extension RequestextReqdnQualifierid-peid-adauthorityInfoAccessAuthority Information AccessOCSPcaIssuersCA IssuersOCSPSigningOCSP SigningISOisomember-bodyISO Member BodyISO-USISO US Member BodyX9-57X9.57X9cmX9.57 CM ?pkcs5SMIMES/MIMEid-smime-modid-smime-ctid-smime-aaid-smime-algid-smime-cdid-smime-spqid-smime-ctiid-smime-mod-cmsid-smime-mod-essid-smime-mod-oidid-smime-mod-msg-v3id-smime-ct-receiptid-smime-ct-authDataid-smime-ct-publishCertid-smime-ct-TSTInfoid-smime-ct-TDTInfoid-smime-ct-contentInfoid-smime-ct-DVCSRequestDataid-smime-ct-DVCSResponseDataid-smime-aa-receiptRequestid-smime-aa-securityLabelid-smime-aa-mlExpandHistoryid-smime-aa-contentHintid-smime-aa-msgSigDigestid-smime-aa-encapContentTypeid-smime-aa-contentIdentifierid-smime-aa-macValueid-smime-aa-equivalentLabelsid-smime-aa-contentReferenceid-smime-aa-encrypKeyPrefid-smime-aa-smimeEncryptCertsid-smime-aa-timeStampTokenid-smime-aa-ets-sigPolicyIdid-smime-aa-ets-signerAttrid-smime-aa-ets-otherSigCertid-smime-aa-ets-certValuesid-smime-aa-ets-escTimeStampid-smime-aa-signatureTypeid-smime-aa-dvcs-dvcid-smime-alg-ESDHwith3DESid-smime-alg-ESDHwithRC2id-smime-alg-3DESwrapid-smime-alg-RC2wrapid-smime-alg-ESDHid-smime-alg-CMSRC2wrapid-smime-cd-ldapid-smime-spq-ets-sqt-uriid-smime-spq-ets-sqt-unoticemd4id-pkix-modid-qtid-itid-pkipid-algid-cmcid-onid-pdaid-acaid-qcsid-cctid-pkix1-explicit-88id-pkix1-implicit-88id-pkix1-explicit-93id-pkix1-implicit-93id-mod-crmfid-mod-cmcid-mod-kea-profile-88id-mod-kea-profile-93id-mod-cmpid-mod-qualified-cert-88id-mod-qualified-cert-93id-mod-attribute-certid-mod-timestamp-protocolid-mod-ocspid-mod-dvcsid-mod-cmp2000biometricInfoBiometric
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End SystemipsecTunnelIPSec TunnelipsecUserIPSec Userid-it-caProtEncCertid-it-signKeyPairTypesid-it-encKeyPairTypesid-it-preferredSymmAlgid-it-caKeyUpdateInfoid-it-currentCRLid-it-unsupportedOIDsid-it-subscriptionRequestid-it-subscriptionResponseid-it-keyPairParamReqid-it-keyPairParamRepid-it-revPassphraseid-it-implicitConfirmid-it-confirmWaitTimeid-it-origPKIMessageid-regCtrlid-regInfoid-regCtrl-regTokenid-regCtrl-authenticatorid-regCtrl-pkiPublicationInfoid-regCtrl-pkiArchiveOptionsid-regCtrl-oldCertIDid-regCtrl-protocolEncrKeyid-regInfo-utf8Pairsid-regInfo-certReqid-alg-des40id-alg-noSignatureid-alg-dh-sig-hmac-sha1id-alg-dh-popid-cmc-statusInfoid-cmc-identificationid-cmc-identityProofid-cmc-dataReturnid-cmc-transactionIdid-cmc-senderNonceid-cmc-recipientNonceid-cmc-addExtensionsid-cmc-encryptedPOPid-cmc-decryptedPOPid-cmc-lraPOPWitnessid-cmc-getCertid-cmc-getCRLid-cmc-revokeRequestid-cmc-regInfoid-cmc-responseInfoid-cmc-queryPendingid-cmc-popLinkRandomid-cmc-popLinkWitnessid-cmc-confirmCertAcceptanceid-on-personalDataid-pda-dateOfBirthid-pda-placeOfBirthid-pda-genderid-pda-countryOfCitizenshipid-pda-countryOfResidenceid-aca-authenticationInfoid-aca-accessIdentityid-aca-chargingIdentityid-aca-groupid-aca-roleid-qcs-pkixQCSyntax-v1id-cct-crsid-cct-PKIDataid-cct-PKIResponsead_timestampingAD

Time StampingAD_DVCSad dvcsbasicOCSPResponseBasic OCSP ResponseOCSP NonceCrlIDOCSP CRL IDacceptableResponsesAcceptable OCSP ResponsesnoCheckOCSP No CheckarchiveCutoffOCSP Archive CutoffserviceLocatorOCSP Service LocatorextendedStatusExtended OCSP StatustrustRootTrust RootrsaSignatureX500algorithmsORGDODdodIANAianaDirectorymgmtManagementexperimentalExperimentalPrivateSecuritysnmpv2SNMPv2MailenterprisesEnterprisesdcobjectdcObjectdomainComponentdomainselected-attribute-typesSelected Attribute TypesclearanceRSA-MD4md4WithRSAEncryptionac-proxyingsubjectInfoAccessSubject Information Accessid-aca-encAttrspolicyConstraintsX509v3 Policy ConstraintstargetInformationX509v3 AC TargetingnoRevAvailansi-X9-62ANSI X9.62prime-fieldcharacteristic-two-fieldid-ecPublicKeyprime192v1prime192v2prime192v3prime239v1prime239v2prime239v3prime256v1ecdsa-with-SHA1CSPNameMicrosoft CSP NameAES-128-ECBaes-128-ecbaes-128-cbcAES-128-OFBaes-128-ofbAES-128-CFBaes-128-cfbAES-192-ECBaes-192-ecbaes-192-cbcAES-192-OFBaes-192-ofbAES-192-CFBaes-192-cfbAES-256-ECBaes-256-ecbaes-256-cbcAES-256-OFBaes-256-ofbAES-256-CFBaes-256-cfbholdInstructionCodeHold Instruction CodeholdInstructionNoneHold Instruction NoneholdInstructionCallIssuerHold Instruction Call IssuerholdInstructionRejectHold Instruction RejectpssuclpilotpilotAttributeTypepilotAttributeSyntaxpilotObjectClasspilotGroupsiA5StringSyntaxcaseIgnoreIA5StringSyntaxpilotObjectpilotPersonaccountdocumentroomdocumentSeriesrFC822localPartdNSDomaindomainRelatedObjectfriendlyCountrysimpleSecurityObjectpilotOrganizationpilotDSAqualityLabelledDatauserIdtextEncodedORAddressrfc822MailboxfavouriteDrinkroomNumberphotouserClasshostmanagerdocumentIdentifierdocumentTitledocumentVersiondocumentAuthordocumentLocationhomeTelephoneNumbersecretaryotherMailboxlastModifiedTimelastModifiedByaRecordpilotAttributeType27mXRecordnSRecordsOARecordcNAMERecordassociatedDomainassociatedNamehomePostalAddresspersonalTitlemobileTelephoneNumberpagerTelephoneNumberfriendlyCountryNameorganizationalStatusjanetMailboxmailPreferenceOptionbuildingNamedSAQualitysingleLevelQualitysubtreeMinimumQualitysubtreeMaximumQualitypersonalSignaturedITRedirectaudiodocumentPublisherx500UniqueIdentifiermime-mhsMIME MHSmime-mhs-headingsmime-mhs-bodiesid-hex-partial-messageid-hex-multipart-messagegenerationQualifierpseudonymid-setset-ctypecontent typesset-msgExtmessage extensionsset-attrset-policyset-certExtcertificate extensionsset-brandsetct-PANDatasetct-PANTokensetct-PANOnlysetct-OIDatasetct-PIsetct-PIDatasetct-PIDataUnsignedsetct-HODInputsetct-AuthResBaggagesetct-AuthRevReqBaggagesetct-AuthRevResBaggagesetct-CapTokenSeqsetct-PInitResDatasetct-PI-TBSsetct-PResDatasetct-AuthReqTBSsetct-AuthResTBSsetct-AuthResTBSXsetct-AuthTokenTBSsetct-CapTokenDatasetct-CapTokenTBSsetct-AcqCardCodeMsgsetct-AuthRevReqTBSsetct-AuthRevResDatasetct-AuthRevResTBSsetct-CapReqTBSsetct-CapReqTBSXsetct-CapResDatasetct-CapRevReqTBSsetct-CapRevReqTBSXsetct-CapRevResDatasetct-CredReqTBSsetct-CredReqTBSXsetct-CredResDatasetct-CredRevReqTBSsetct-CredRevReqTBSXsetct-CredRevResDatasetct-PCertReqDatasetct-PCertResTBSsetct-BatchAdminReqDatasetct-BatchAdminResDatasetct-CardCInitResTBSsetct-MeAqCInitResTBSsetct-RegFormResTBSsetct-CertReqDatasetct-CertReqTBSsetct-CertResDatasetct-CertInqReqTBSsetct-ErrorTBSsetct-PIDualSignedTBEsetct-PIUnsignedTBEsetct-AuthReqTBEsetct-AuthResTBEsetct-AuthResTBEXsetct-AuthTokenTBEsetct-CapTokenTBEsetct-CapTokenTBEXsetct-AcqCardCodeMsgTBEsetct-AuthRevReqTBEsetct-AuthRevResTBEsetct-AuthRevResTBEBsetct-CapReqTBEsetct-CapReqTBEXsetct-CapResTBEsetct-CapRevReqTBEsetct-CapRevReqTBEXsetct-CapRevResTBEsetct-CredReqTBEsetct-CredReqTBEXsetct-CredResTBEsetct-CredRevReqTBEsetct-CredRevReqTBEXsetct-CredRevResTBEsetct-BatchAdminReqTBEsetct-BatchAdminResTBEsetct-RegFormReqTBEsetct-CertReqTBEsetct-CertReqTBEXsetct-CertResTBEsetct-CRLNotificationTBSsetct-CRLNotificationResTBSsetct-BCIDistributionTBSsetext-genCryptgeneric cryptogramsetext-miAuthmerchant initiated authsetext-pinSecuresetext-pinAnysetext-track2setext-cvadditional verificationset-policy-rootsetCext-hashedRootsetCext-certTypesetCext-merchDatasetCext-cCertRequiredsetCext-tunnelingsetCext-setExtsetCext-setQualfsetCext-PGWYcapabilitiessetCext-TokenIdentifiersetCext-Track2DatasetCext-TokenTypesetCext-IssuerCapabilitiessetAttr-CertsetAttr-PGWYcappayment gateway capabilitiessetAttr-TokenTypesetAttr-IssCapissuer capabilitiesset-rootKeyThumbset-addPolicysetAttr-Token-

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%*sHash Algorithm:
%*sIssuer Name Hash:
%*sIssuer Key Hash:
%*sSerial Number: Request Single ExtensionsRequest ExtensionsOCSP Response Data:
  Response Type: (unknown response type)

  Version: %lu (0x%lx)
  Responder Id:
  Produced At:
  Responses:
  Cert Status: %s
  This Update:
  Revocation Time:
  Next Update: Response Single ExtensionsResponse ExtensionsunspecifiedkeyCompromisecACompromiseaffiliationChangedsupersededcessationOfOperationcertificateHoldremoveFromCRLsuccessfulmalformedrequestinternalerrortrylatersigrequiredunauthorized OCSP Response Status: %s
 (0x%lx)

  Revocation Reason: %s (0x%lx)../../OpenSSL_1_1_1c/crypto/ocsp/ocsp_srv.c../../OpenSSL_1_1_1c/crypto/ocsp/ocsp_vfy.c%*scrlUrl: %*scrlNum: %*scrlTime: %*sIssuer: ../../OpenSSL_1_1_1c/crypto/ocsp/v3_ocsp.cNEW CERTIFICATE REQUESTX509 CRLPKCS7RSA PRIVATE KEYRSA PUBLIC KEYDSA PRIVATE KEYDSA PARAMETERSEC PARAMETERSEC PRIVATE KEYX9.42 DH PARAMETERSbad base64 decodebad end linebad iv charsbad magic numberbad password readbad version numberbio write failurecipher is nullerror converting private keyexpecting private key blobexpecting public key blobinconsistent headerkeyblob header parse errorkeyblob too shortmissing dek ivnot dek infonot encryptednot proc typeno start lineproblems getting passwordpvk data too shortpvk too shortread keyshort headerunexpected dek ivunsupported encryptionunsupported key componentsb2i_dssb2i_PVK_biob2i_rsacheck_bitlen_dsacheck_bitlen_rsad2i_PKCS8PrivateKey_biod2i_PKCS8P

rivateKey_fpdo_b2ido_b2i_biodo_blob_headerdo_i2bdo_pk8pkeydo_pk8pkey_fpdo_PVK_bodydo_PVK_headerget_header_and_dataget_namei2b_PVKi2b_PVK_bioload_ivPEM_ASN1_readPEM_ASN1_read_bioPEM_ASN1_writePEM_ASN1_write_bioPEM_def_callbackPEM_do_headerPEM_get_EVP_CIPHER_INFOPEM_readPEM_read_bioPEM_read_bio_DHparamsPEM_read_bio_exPEM_read_bio_ParametersPEM_read_bio_PrivateKeyPEM_read_DHparamsPEM_read_PrivateKeyPEM_SignFinalPEM_writePEM_write_bioPEM_write_PrivateKeyPEM_X509_INFO_readPEM_X509_INFO_read_bioPEM_X509_INFO_write_bio../../OpenSSL_1_1_1c/crypto/pem/pem_info.cX509
CERTIFICATETRUSTED CERTIFICATEEnter PEM pass phrase:ENCRYPTEDMIC-CLEARMIC-ONLYBAD-TYPEProc-Type: 4,%s
DEK-Info: %s,
-----BEGIN -----END Expecting: ANY PRIVATE KEYENCRYPTED PRIVATE KEYPKCS #7 SIGNED DATA../../OpenSSL_1_1_1c/crypto/pem/pem_lib.cDEK-Info:ENCRYPTEDProc-Type:-----
-----END -----BEGIN ../../OpenSSL_1_1_1c/crypto/pem/pem_oth.c../../OpenSSL_1_1_1c/crypto/pem/pem_pk8.c%s PRIVATE KEY%s
PARAMETERS../../OpenSSL_1_1_1c/crypto/pem/pem_pkey.c../../OpenSSL_1_1_1c/crypto/pem/pem_sign.c../../OpenSSL_1_1_1c/crypto/pem/pvkfmt.c../../OpenSSL_1_1_1c/crypto/pkcs12/p12_add.cPKCS12_AUTHSAFESPKCS12_SAFEBAGSPKCS12_SAFEBAGvalue.keybagvalue.shkeybagvalue.safesvalue.bagvalue.otherPKCS12_BAGSvalue.x509certvalue.x509crlvalue.sdsicertPKCS12_MAC_DATAdinfo../../OpenSSL_1_1_1c/crypto/pkcs12/p12_crpt.c../../OpenSSL_1_1_1c/crypto/pkcs12/p12_crt.c../../OpenSSL_1_1_1c/crypto/pkcs12/p12_decr.c../../OpenSSL_1_1_1c/crypto/pkcs12/p12_init.c../../OpenSSL_1_1_1c/crypto/pkcs12/p12_key.c../../OpenSSL_1_1_1c/crypto/pkcs12/p12_kiss.c../../OpenSSL_1_1_1c/crypto/pkcs12/p12_mutl.cLEGACY_GOST_PKCS12../../OpenSSL_1_1_1c/crypto/pkcs12/p12_npas.c../../OpenSSL_1_1_1c/crypto/pkcs12/p12_p8e.c../../OpenSSL_1_1_1c/crypto/pkcs12/p12_sbag.c../../OpenSSL_1_1_1c/crypto/pkcs12/p12_utl.ccant
pack structurecontent type not dataencrypt errorinvalid null argumentinvalid null pkcs12 pointeriv gen errorkey gen errormac absentmac generation errormac setup errormac string set errormac verify failurepkcs12 algor cipherinit errorpkcs12 cipherfinal errorpkcs12
pbe crypt errorunsupported pkcs12 modeOPENSSL_asc2uniOPENSSL_uni2ascOPENSSL_uni2utf8OPENSSL_utf82uniPKCS12_createPKCS12_gen_macPKCS12_initPKCS12_item_decrypt_d2iPKCS12_item_i2d_encryptPKCS12_item_pack_safebagPKCS12_key_gen_ascPKCS12_key_gen_uniPKCS12_key_gen_utf8PKCS12_newpassPKCS12_pack_p7dataPKCS12_pack_p7encdataPKCS12_parsePKCS12_pbe_cryptPKCS12_PBE_keyivgenPKCS12_SAFEBAG_create0_p8infPKCS12_SAFEBAG_create0_pkcs8PKCS12_setup_macPKCS12_set_macPKCS12_unpack_authsafesPKCS12_unpack_p7dataPKCS12_verify_macPKCS8_encryptPKCS8_set0_pbeerror setting encrypted data typePKCS12_SAFEBAG_create_pkcs8_encryptPKCS7_ATTR_VERIFYPKCS7_ATTRIBUTESPKCS7_ATTR_SIGNPKCS7_DIGESTcontentsPKCS7_ENCRYPTenc_dataPKCS7_SIGN_ENVELOPEmd_algssigner_infoPKCS7_ENC_CONTENTPKCS7_RECIP_INFOissuer_and_serialkey_enc_algorenc_keyPKCS7_ENVELOPEPKCS7_ISSUER_AND_SERIALPKCS7_SIGNER_INFOdigest_algdigest_enc_algenc_digestunauth_attrPKCS7_SIGNEDd.signd.envelopedd.signed_and_envelopedd.digestd.encrypted../../OpenSSL_1_1_1c/crypto/pkcs7/pk7_attr.c../../OpenSSL_1_1_1c/crypto/pkcs7/pk7_doit.c23p44
5H\JJGI../../OpenSSL_1_1_1c/crypto/pkcs7/pk7_lib.c,XLX|XXWW../../OpenSSL_1_1_1c/crypto/pkcs7/pk7_smime.ccipher not initializedcontent and data presentdigest failureencryption ctrl failureerror adding recipienterror setting cipherinvalid null pointerinvalid signed data typeno matching digest type foundno signatures on datapkcs7 add signature errorpkcs7 add signer errorpkcs7 datasignsigning ctrl failureunable to find certificateunable to find mem biounable to find message digestunknown digest typeunknown operationunsupported cipher typewrong content typewrong pkcs7
typedo_pkcs7_signed_attribPKCS7_add_attrib_smimecapPKCS7_add_certificatePKCS7_add_crlPKCS7_add_recipient_infoPKCS7_add_signaturePKCS7_add_signerPKCS7_bio_add_digestpkcs7_copy_existing_digestPKCS7_ctrlPKCS7_dataDecodePKCS7_dataFinalPKCS7_dataInitPKCS7_dataVerifyPKCS7_decryptpkcs7_decrypt_rinfopkcs

7_encode_rinfoPKCS7_encryptPKCS7_finalPKCS7_find_digestPKCS7_get0_signersPKCS7_RECIP_INFO_setPKCS7_set_cipherPKCS7_set_contentPKCS7_set_digestPKCS7_set_typePKCS7_signPKCS7_signatureVerifyPKCS7_SIGNER_INFO_setPKCS7_SIGNER_INFO_signPKCS7_sign_add_signerPKCS7_simple_smimecapPKCS7_verifyencryption
not supported for this key typeno recipient matches certificateoperation not supported on this typesigning not supported for this key typePKCS7_add0_attrib_signing_timeOpenSSL POLY1305 method../../OpenSSL_1_1_1c/crypto/poly1305/poly1305_pmeth.c

../../OpenSSL_1_1_1c/crypto/rand/drbg_lib.cOpenSSL NIST SP 800-90A DRBG @additional input too longalreadyinstantiatedargument out of rangeCannot open filedrbg already initializeddrbg not initialisedentropy input toolongentropy out of rangeerror initialising drbgerror instantiating drbgerror retrieving entropyerror retrieving noncefailed to create lockFunction not implementedError writing filegenerate errorin error stateNot a regular filenot instantiatedparent locking not enabledparent strength too weakPRNG not seededrandom
pool overflowrandom pool underflowrequest too large for drbgreseed errorselftest failuretoo little nonce requestedtoo much nonce requestedunsupported drbg flagsunsupported drbg typedrbg_bytesdrbg_setupRAND_bytesrand_drbg_enable_lockingRAND_DRBG_generaterand_drbg_get_entropyrand_drbg_get_nonceRAND_DRBG_instantiateRAND_DRBG_newRAND_DRBG_reseedrand_drbg_restartRAND_DRBG_setRAND_DRBG_set_defaultsRAND_DRBG_uninstantiateRAND_load_filerand_pool_acquire_entropyrand_pool_addrand_pool_add_beginrand_pool_add_endrand_pool_attachrand_pool_bytes_neededrand_pool_newRAND_write_fileerror entropy pool was ignorederror retrieving additional inputno drbg implementation selectedpersonalisation string too longprediction resistance not supported../../OpenSSL_1_1_1c/crypto/rand/rand_lib.c?/dev/random/dev/urandom/dev/hwrng/dev/srandomFilename=wbRANDFILEHOME../../OpenSSL_1_1_1c/crypto/rand/randfile.c $4Dd4TDx(yJ~7+vSbLdDYOaEm
}2@{!"\kNTe`sVu;B=0<&oFiW'C>/fRr5Mj*qZItK^AnQ$Pp9|:#z6[%U1-])gl,c?X
843H_.Gw
hMinimumPSS parameter restrictions:(INVALID PSS PARAMETERS)
Mask Algorithm: with INVALIDmgf1 with sha1 (default)%s Salt Length: 0x14 (default)Trailer Field: 0xBC (default)RSA-PSSpublicExponent:modulus:Modulus:%s Public-Key: (%d bit) privateExponent:prime1:prime2:exponent1:exponent2:coefficient:prime%d:exponent%d:coefficient%d:OpenSSL RSA-PSS methodOpenSSL RSA methodNo PSS parameter restrictions
../../OpenSSL_1_1_1c/crypto/rsa/rsa_ameth.cPrivate-Key: (%d bit, %d primes)
,LIIJ,LJ,LJtIRSA_OAEP_PARAMShashFuncmaskGenFuncpSourceFuncRSA_PSS_PARAMSmaskGenAlgorithmsaltLengthtrailerFieldRSAPublicKeydmp1dmq1iqmpprime_infosRSA_PRIME_INFO../../OpenSSL_1_1_1c/crypto/rsa/rsa_chk.c../../OpenSSL_1_1_1c/crypto/rsa/rsa_crpt.calgorithm mismatchbad e valuebad fixed header decryptbad pad byte countblock type is not 01block type is not 02data greater than mod lendata too largedata too large for key sizedata too large for modulusdata too smalldata too small for key sizedigest does not matchdigest too big for
rsa keydmp1 not congruent to ddmq1 not congruent to dd e not congruent to 1first octet invalidinvalid digest lengthinvalid headerinvalid labelinvalid message lengthinvalid mgf1 mdinvalid multi prime keyinvalid oaep parametersinvalid paddinginvalid padding modeinvalid pss parametersinvalid pss saltleninvalid salt lengthinvalid trailerinvalid x931 digestiqmp not inverse of qkey prime num invalidkey size too smalllast octet invalidmgf1 digest not allowedmp r not primeno public exponentnull before block missingn does not equal p qoaep decoding errorpadding check failedpkcs decoding errorpss saltlen too smallrsa operations not supportedsalt length check failedsalt length recovery failedsslv3 rollback attackunknown algorithm typeunknown mask digestunknown padding typeunsupported encryption typeunsupported label sourceunsupported mask algorithmunsupported mask parameterunsupported signature typewrong signature lengthcheck_padding_mdencode_pkcs1int_rsa_verifyold_rsa_priv_decodepkey_pss_initpkey_rsa_ctrlpkey_rsa_ctrl_strpkey_rsa_signpkey_rsa_verifypkey_rsa_verifyrecoverrsa_algor_to_mdrsa_builtin_keygenRSA_check_keyRSA_check_key_exrsa_cms_decryptrsa_cms_verifyrsa_item_verifyRSA_meth_dupRSA_meth_newRSA_meth_set1_na

mersa_multip_info_newRSA_new_methodrsa_ossl_private_decryptrsa_ossl_private_encryptrsa_ossl_public_decryptrsa_ossl_public_encryptRSA_padding_add_noneRSA_padding_add_PKCS1_OAEPRSA_padding_add_PKCS1_PSSRSA_padding_add_PKCS1_type_1RSA_padding_add_PKCS1_type_2RSA_padding_add_SSLv23RSA_padding_add_X931RSA_padding_check_noneRSA_padding_check_PKCS1_OAEPRSA_padding_check_SSLv23RSA_padding_check_X931rsa_param_decodeRSA_printRSA_print_fprsa_priv_encodersa_pss_get_paramrsa_pss_to_ctxrsa_pub_decodeRSA_setup_blindingRSA_signRSA_sign_ASN1_OCTET_STRINGRSA_verifyRSA_verify_ASN1_OCTET_STRINGRSA_verify_PKCS1_PSS_mgf1setup_tbufillegal
 or unsupported padding modemp coefficient not inverse of rmp exponent not congruent to dn does not equal
product of
primesRSA_padding_add_PKCS1_OAEP_mgf1RSA_padding_add_PKCS1_PSS_mgf1RSA_padding_check_PKCS1_OAEP_mgf1RSA_padding_check_PKCS1_type_1RSA_padding_check_PKCS1_type_2../../OpenSSL_1_1_1c/crypto/rsa/rsa_gen.c../../OpenSSL_1_1_1c/crypto/rsa/rsa_lib.c../../OpenSSL_1_1_1c/crypto/rsa/rsa_meth.c../../OpenSSL_1_1_1c/crypto/rsa/rsa_mp.c../../OpenSSL_1_1_1c/crypto/rsa/rsa_none.c../../OpenSSL_1_1_1c/crypto/rsa/rsa_oaep.c../../OpenSSL_1_1_1c/crypto/rsa/rsa_ossl.cOpenSSL
 PKCS#1
RSA../../OpenSSL_1_1_1c/crypto/rsa/rsa_pk1.c../../OpenSSL_1_1_1c/crypto/rsa/rsa_pmeth.crsa_padding_modesslv23oeapoaepx931rsa_pss_saltlenautorsa_keygen_bitsrsa_keygen_pubexprsa_keygen_primesrsa_mgf1_mdrsa_pss_keygen_mgf1_mdrsa_pss_keygen_mdrsa_pss_keygen_saltlenrsa_oaep_mdrsa_oaep_label../../OpenSSL_1_1_1c/crypto/rsa/rsa_prn.c../../OpenSSL_1_1_1c/crypto/rsa/rsa_pss.c../../OpenSSL_1_1_1c/crypto/rsa/rsa_saos.c../../OpenSSL_1_1_1c/crypto/rsa/rsa_sign.c../../OpenSSL_1_1_1c/crypto/rsa/rsa_ssl.c../../OpenSSL_1_1_1c/crypto/rsa/rsa_x931.c)
TPD
,$!%\QM@CCPQA<
`cC#((D@D
 "%xsK;;.pp@0<3?(0226tpD4,TSG\PLXSK=$ $psC32, ,'prB2 ``@ PP@#+

6LCO7XRJxpH8&/`aA!4@AAPRB|qM=
 PSC7!=trF6,#/$#'0+"lbN.LAM
haI)|pL<

?/3>d`D$,".HCK
!!hcK+dbF&5
3|rN>xrJ:DCG%$"&-!000437.426 ""8084'DAEL@L)415<0<pqA1 tqE5;8XQI?HAI 81 9dcG'8@BB
##l`L,$4041H@HlcO/<1
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-@@@><2><*:LBNTQE83;h`H(|sO?HBJ
TRFtsG7 -DBF5(#+daE%:#91\RN9&2011*laM-\SO$0
82
:XPH`bB"(!)033(xqI9hbJ*("
*088(!
-,&38/`@ `QET@DDcO/lcK+hSKXbB"`3305! )( "'<264CKH/`L,l(4AED!3?<1
=< ((BNL62><%9

#+(bF&drJ:x#'$#/,1rB2pBB@AA@sC3pcG'd,7-
,,*044.)QM\8SGT.
9?qM=|1105
bJ*h1 "" `H(hqA1paA!`>&QIXQAP#+CGD
#,
?sK;xPL\"!cC#`## AM

L2
:8".,:bN.lRJX23AI HpH8x;p@0pqE5tsO?|154`D$daM-lpD4t4* rF6t >@@@ =:0"
*(RN\)RFTCC@ 0%@HHqI9x<!! SO\sG7tPDT2
!%$COLBFD-PHXRBP+rN>| =000aE%d0<<6$;pL<|P@P1 98"&$220aI)h374' $$$SCP

@LL3;8BJ
H7)DTP
,%$!M\QC@CAPQ<
C#`c((DD@   "%K;xs;.@0pp?<3(2026D4tp,GTSL\PKXS=$$ C3ps2,, 'B2pr @ ``@PP#+

6OLC7JXRH8xp&/A!`a4A@ABPRM=|q
 CPS7!=F6tr/,#'$#0+"N.lbM
LAI)haL<|p

?/3>D$d`.,"KHC
! !K+hcF&db5
3N>|rJ:xrGDC%&$"-!000743.642"
 "8804'EDALL@)541<<0A1pq E5tq;8IXQ?I HA 981G'dc8B@B# #L,l`$4401HH@O/lc
=<1
-,!@@@>><2<*:NLBETQ;83H(h`O?|sJ
HBFTRG7ts -FDB5+(#E%da:#91N\R9&2101*M-laO\S$0

:82HXPB"`b)(!303(I9xqJ*hb
*("880(-,!
&38/ ``@TQED@D/lcO+hcKXSK"`bB3035)(!  "'<642HCK/,l`L(4DAE!?<3=<1
((LBN6><2%9

+(#&dbF:xrJ'$#/,#12prB@BB@AA3psC'dcG,7-
,, *440.)\QM8TSG.
9?=|qM1015
*hbJ1   " "(h`H1pqA!`aA>&XQIPQA#+DCG
#,
?;xsK\PL"!#`cC# #
LAM:82
.,":.lbNXRJ23 HAI8xpH;0pp@5tqE?|sO541$d`D-laM4tpD4* 6trF >@@@ =:0*("
\RN)TRF@CC 0%H@H9xqI<! !\SO7tsGTPD2
%$!LCODBF-XPHPRB+>|rN =000%daE<<06$;<|pLPP@981 &$"202)haI743'$$ $PSC

L@L;83
HBJ7|6p09Y1XhdOaZOD9.#SIPHASHOpenSSL SIPHASH
method../../OpenSSL_1_1_1c/crypto/siphash/siphash_pmeth.cdigestsize../../OpenSSL_1_1_1c/crypto/sm2/sm2_crypt.cSM2_CiphertextC1xC1yC3dist id too largeid not setuser id too
largepkey_sm2_copypkey_sm2_ctrlpkey_sm2_ctrl_strpkey_sm2_digest_custompkey_sm2_initpkey_sm2_signsm2_compute_msg_hashsm2_compute_userid_digestsm2_compute_z_digestsm2_decryptsm2_encryptsm2_plaintext_sizesm2_sig_gensm2_sig_verifysm2_verify../../OpenSSL_1_1_1c/crypto/sm2/sm2_pmeth.c../../OpenSSL_1_1_1c/crypto/sm2/sm2_sign.cosIB$0o81MN1*#MF?8ib[T~wp
-&IB;4e^WPzsl
)"E>70aZSL}voh %A:3,]VOHyrkd[[BBM33e=kXXNnPPD(,+fjjw*FETLL_&%%Hmffrr CJAAQ$FFSbb{3QQU,,'

BOY??ctppl
"
(HVVRRt>>?>F[;?r\\KReeX=<dd}~==Nsijzpekk..G<<3--
JgqYYWvv5xxf$886yy_&baaY8GG*%"};!ySSG^]]V~~OO'IIS11M|6
{ ##zzBC**KKA@8a/+:;;`TTA%`uu\)4nn4hhrUUTNN20!22uotti.j.

g++a)#44
9MMR99OvnWWoo7DQ{{ ::/kslmmmZ7EEP66llwJJWwwL~DDUggqq],@E||c@@Pii[2cc((
"1""177zI-uCCHHZXqdp&&h^^))Kb00<ZZvd]5$$ -o``x0|\:ss55Ly
xV}}^#>__//9!!Ih=(,+gv*D&IBPz3TCbu?GsY<OhkqdKpV5$^cX%"|;!xFW'RL6@8a]4U20.f`)#
SNo7E/jrml[Q\AZ
1{-tiJw~e n}:M
y_>9H../../OpenSSL_1_1_1c/crypto/srp/srp_lib.c15361024../../OpenSSL_1_1_1c/crypto/srp/srp_vfy.c*../../OpenSSL_1_1_1c/crypto/stack/stack.c../../OpenSSL_1_1_1c/crypto/store/loader_file.cpass phrasePKCS8 decrypt passwordPKCS12 import passwordfile://localhost/%08lxPEMPEM type is 'X509CRLX509Certificateambiguous content
typeerror verifying pkcs12 macinvalid schemeis not aloader incompleteloading startednot a certificatenot a crlnot a keynot a namenot parameterspassphrase callback errorpath must be absoluteunregistered schemeunsupported operationunsupported search typeuri authority unsupportedfile_findfile_get_passfile_loadfile_load_try_decodefile_name_to_urifile_openossl_store_attach_pem_bioOSSL_STORE_expectOSSL_STORE_findossl_store_get0_loader_intOSSL_STORE_INFO_get1_CERTOSSL_STORE_INFO_get1_CRLOSSL_STORE_INFO_get1_NAMEOSSL_STORE_INFO_get1_PARAMSOSSL_STORE_INFO_get1_PKEYOSSL_STORE_INFO_new_CERTOSSL_STORE_INFO_new_CRLossl_store_info_new_EMBEDDEDOSSL_STORE_INFO_new_NAMEOSSL_STORE_INFO_new_PARAMSOSSL_STORE_INFO_new_PKEYossl_store_init_onceOSSL_STORE_LOADER_newOSSL_STORE_openOSSL_STORE_SEARCH_by_aliasOSSL_STORE_SEARCH_by_nametry_decode_paramstry_decode_PKCS12try_decode_PKCS8Encryptedfingerprint size does not match digestsearch only supported for directoriesui process interrupted or cancelledossl_store_file_attach_pem_bio_intOSSL_STORE_INFO_get1_NAME_descriptionOSSL_STORE_INFO_set0_NAME_descriptionossl_store_register_loader_intOSSL_STORE_SEARCH_by_issuer_serialOSSL_STORE_SEARCH_by_key_fingerprintossl_store_unregister_loader_int../../OpenSSL_1_1_1c/crypto/store/store_init.c%zu,
fingerprint size is
../../OpenSSL_1_1_1c/crypto/store/store_lib.c8QVQQpQpQQQ../../OpenSSL_1_1_1c/crypto/store/store_register.c+
-
.scheme=Pkey../../OpenSSL_1_1_1c/crypto/threads_pthread.c../../OpenSSL_1_1_1c/crypto/ts/ts_asn1.cESS_SIGNING_CERT_V2cert_idspolicy_infoESS_CERT_ID_V2hash_algissuer_serialESS_SIGNING_CERTESS_CERT_IDESS_ISSUER_SERIALTS_RESPTS_STATUS_INFOorderingTS_ACCURACYTS_REQcert_reqTS_MSG_IMPRINThash_algohashed_msgdefault_tsa::builtinengine:chilcrypto_devicesigner_keysigner_digestdefault_policyother_policiesdigestsmillisecsmicrosecsclock_precision_digitstsa_nameess_cert_id_chainess_cert_id_alg../../OpenSSL_1_1_1c/crypto/ts/ts_conf.cbad pkcs7 typebad typecannot load certificatecannot load private keycould
not set enginecould not set timedetached contentess add signing cert erroress add signing cert v2 erroress signing certificate errormessage imprint mismatchnonce mismatchnonce not returnedno time stamp tokenpkcs7 add signed attr errorpkcs7 to ts tst info failedpolicy mismatchresponse setup errorthere must be one signertime syscall errortoken not presenttoken presenttsa name mismatchtsa untrustedtst info setup errorts datasignunacceptable policyunsupported md algorithmvar bad valuecannot find config variabledef_serial_cbdef_time_cbess_add_signing_certess_add_signing_cert_v2ess_CERT_ID_new_initess_cert_id_v2_new_initess_SIGNING_CERT_new_initess_signing_cert_v2_new_initint_ts_RESP_verify_tokenPKCS7_to_TS_TST_INFOTS_ACCURACY_set_microsTS_ACCURACY_set_millisTS_ACCURACY_set_secondsts_check_i

mprintsts_check_noncests_check_policyts_check_signing_certsts_check_status_infots_compute_imprintts_CONF_invalidTS_CONF_load_certTS_CONF_load_certsTS_CONF_load_keyts_CONF_lookup_failTS_CONF_set_default_enginets_get_status_textTS_MSG_IMPRINT_set_algoTS_REQ_set_msg_imprintTS_REQ_set_nonceTS_REQ_set_policy_idTS_RESP_create_responsets_RESP_create_tst_infoTS_RESP_CTX_add_failure_infoTS_RESP_CTX_add_mdTS_RESP_CTX_add_policyTS_RESP_CTX_newTS_RESP_CTX_set_accuracyTS_RESP_CTX_set_certsTS_RESP_CTX_set_def_policyTS_RESP_CTX_set_signer_certTS_RESP_CTX_set_status_infots_RESP_get_policyTS_RESP_set_status_infoTS_RESP_set_tst_infots_RESP_signTS_RESP_verify_signatureTS_TST_INFO_set_accuracyTS_TST_INFO_set_msg_imprintTS_TST_INFO_set_nonceTS_TST_INFO_set_policy_idTS_TST_INFO_set_serialTS_TST_INFO_set_timeTS_TST_INFO_set_tsats_verify_certTS_VERIFY_CTX_newinvalid
 signer certificate purposeTS_RESP_set_genTime_with_precision critical%4sHash Algorithm: %s
Message data:
../../OpenSSL_1_1_1c/crypto/ts/ts_lib.cyesnoVersion: %d
Policy OID: unspecified
Nonce: Certificate required: %s
../../OpenSSL_1_1_1c/crypto/ts/ts_req_utils.cStatus: out of bounds
Status description: Failure info: Serial number: Time stamp:
 Accuracy: seconds, millis, microsOrdering: %s
TSA: Status info:

TST info:
Not included.
Granted.Granted with modifications.Rejected.Waiting.Revocation warning.Revoked.unrecognized or unsupported algorithm identifiertransaction not permitted or supportedthe data submitted has the wrong formatthe TSA's time source is not availablethe requested TSA policy is not supported by the TSAthe requested extension is not supported by the TSAthe additional information requested could not be understood or is not availablethe request cannot be handled due to system failure../../OpenSSL_1_1_1c/crypto/ts/ts_rsp_sign.cError during serial number generation.Bad request format or system error.Superfluous message digest parameter.Error during TSTInfo generation.Error during signature generation.Error during response generation.Message digest algorithm is not supported.Requested policy is not supported.Unsupported extension.Time is not available.Bad request version.Bad message
digest.%04d%02d%02d%02d%02d%02d.%06ld../../OpenSSL_1_1_1c/crypto/ts/ts_rsp_utils.c../../OpenSSL_1_1_1c/crypto/ts/ts_rsp_verify.cunknown
 code, failure codes: , status text: status code:
badAlgbadRequestbadDataFormattimeNotAvailableunacceptedPolicyunacceptedExtensionaddInfoNotAvailablesystemFailuregrantedgrantedWithModsrejectionwaitingrevocationWarningrevocationNotification../../OpenSSL_1_1_1c/crypto/ts/ts_verify_ctx.cassertion failed: ctx != NULLassertion failed: req != NULL../../OpenSSL_1_1_1c/crypto/txt_db/txt_db.ccommon ok and cancel charactersuser data duplication unsupportedindex too largeindex too smallno result bufferprocessing errorresult too largeresult too smallsys$assign errorsys$dassgn errorsys$qiow errorunknown control commandunknown ttyget errno valueclose_consolegeneral_allocate_booleangeneral_allocate_promptnoecho_consoleopen_consoleUI_construct_promptUI_create_methodUI_ctrlUI_dup_error_stringUI_dup_info_stringUI_dup_input_booleanUI_dup_input_stringUI_dup_user_dataUI_dup_verify_stringUI_get0_resultUI_get_result_lengthUI_new_methodUI_processUI_set_resultUI_set_result_ex../../OpenSSL_1_1_1c/crypto/ui/ui_lib.cclosing
 sessionprocessingreading stringsflushingwriting stringsopening sessionwhile to You must type in OpenSSL NULL UIVerifying - %sVerify failure
/dev/ttyerrno=../../OpenSSL_1_1_1c/crypto/ui/ui_openssl.cOpenSSL default user interface../../OpenSSL_1_1_1c/crypto/ui/ui_util.cPEM password callback wrapper../../OpenSSL_1_1_1c/crypto/x509/by_dir.cLoad certs from files in a

directory%s%c%08lx.%s%d../../OpenSSL_1_1_1c/crypto/x509/by_file.cLoad file into cacheCertificate Revocation List (CRL):
../../OpenSSL_1_1_1c/crypto/x509/t_crl.c%8sVersion %ld (0x%lx)
%8sVersion unknown (%ld)
%8sIssuer: %8sLast Update:
%8sNext Update: NONECRL extensionsRevoked Certificates:
No Revoked Certificates.
  Serial Number:
    Revocation Date: CRL entry extensionsCertificate Request:
  Data:
%8sVersion: %ld (0x%lx)
%8sVersion: Unknown (%ld)
    Subject:%c%12sPublic Key Algorithm: %8sAttributes:
%12sa0:00
%12sunable
 to print attribute
%8sRequested Extensions:
%16s Subject Public Key Info:
%12sUnable to load Public Key
../../OpenSSL_1_1_1c/crypto/x509/t_req.c Subject OCSP hash: Signature Algorithm: %*sTrusted Uses:
%*s%*sNo Trusted Uses.
%*sRejected Uses:
%*s%*sNo Rejected Uses.
%*sAlias: %s
%*sKey Id: %s%02XCertificate:
    Serial Number:
%12s%s Issuer:%c Validity
      Not Before:
      Not After : %8sIssuer Unique ID: %8sSubject Unique ID: X509v3 extensions../../OpenSSL_1_1_1c/crypto/x509/t_x509.c
    Public key OCSP hash:
../../OpenSSL_1_1_1c/crypto/x509/x509_att.c../../OpenSSL_1_1_1c/crypto/x509/x509_cmp.c/usr/local/ssl/private/usr/local/ssl/usr/local/ssl/certs/usr/local/ssl/cert.pemSSL_CERT_DIRSSL_CERT_FILEakid mismatchbad x509 filetypecant check dh keycert already in hash tablecrl already deltacrl verify failureidp mismatchinvalid directoryinvalid field nameinvalid trustkey type mismatchkey values mismatchloading
 cert dirloading defaultsname too longnewer crl not newerno certificate foundno certificate or crl foundno cert set for us to verifyno crl foundno crl numberpublic key decode errorpublic key encode errorshould retryunknown key typeunknown purpose idunknown trust idwrong lookup typewrong typeadd_cert_dirbuild_chainby_file_ctrlcheck_name_constraintsdane_i2ddir_ctrlget_cert_by_subjecti2d_X509_AUXlookup_certs_skNETSCAPE_SPKI_b64_decodeNETSCAPE_SPKI_b64_encodenew_dirX509at_add1_attrX509v3_add_extX509_ATTRIBUTE_create_by_NIDX509_ATTRIBUTE_create_by_OBJX509_ATTRIBUTE_create_by_txtX509_ATTRIBUTE_get0_dataX509_ATTRIBUTE_set1_dataX509_check_private_keyX509_CRL_diffX509_CRL_METHOD_newX509_CRL_print_fpX509_EXTENSION_create_by_NIDX509_EXTENSION_create_by_OBJX509_get_pubkey_parametersX509_load_cert_crl_fileX509_load_cert_fileX509_load_crl_fileX509_LOOKUP_meth_newX509_LOOKUP_newX509_NAME_add_entryx509_name_canonX509_NAME_ENTRY_create_by_NIDX509_NAME_ENTRY_create_by_txtX509_NAME_ENTRY_set_objectX509_NAME_onelineX509_NAME_printX509_OBJECT_newX509_print_ex_fpx509_pubkey_decodeX509_PUBKEY_get0X509_PUBKEY_setX509_REQ_check_private_keyX509_REQ_print_exX509_REQ_print_fpX509_REQ_to_X509X509_STORE_add_certX509

_STORE_add_crlX509_STORE_add_lookupX509_STORE_CTX_get1_issuerX509_STORE_CTX_initX509_STORE_CTX_newX509_STORE_newX509_to_X509_REQX509_TRUST_addX509_TRUST_setX509_verify_certX509_VERIFY_PARAM_newunable
to find parameters in chainunable to get certs public
keyX509_STORE_CTX_purpose_inherit../../OpenSSL_1_1_1c/crypto/x509/x509_lu.c../../OpenSSL_1_1_1c/crypto/x509/x509_meth.c../../OpenSSL_1_1_1c/crypto/x509/x509_obj.cNO
X509_NAME0123456789ABCDEF../../OpenSSL_1_1_1c/crypto/x509/x509_r2x.c../../OpenSSL_1_1_1c/crypto/x509/x509_req.c../../OpenSSL_1_1_1c/crypto/x509/x509_trs.ccompatibleSSL ClientSSL ServerS/MIME emailObject SignerOCSP responderOCSP requestTSA serverunable to get certificate CRLcertificate signature failureCRL signature failurecertificate is not yet validcertificate has expiredCRL
is not yet validCRL has expiredout of memoryself signed certificatecertificate chain too longcertificate revokedinvalid CA certificatecertificate not trustedcertificate rejectedsubject issuer mismatchunhandled critical extensionno explicit policyDifferent CRL scopeUnsupported extension featurepermitted subtree violationexcluded subtree violationCRL path validation errorPath LoopSuite B: invalid ECC curveHostname mismatchEmail address mismatchIP address mismatchNo matching DANE TLSA recordsEE certificate key too weakCA certificate key too weakproxy subject name violationOCSP verification neededOCSP verification failedOCSP unknown certunspecified certificate verification errorunable to get issuer certificateunable to decrypt certificate's signatureunable to decrypt CRL's signatureunable to decode issuer public keyformat error in certificate's notBefore fieldformat error in certificate's notAfter fieldformat error in CRL's lastUpdate fieldformat error in CRL's nextUpdate fieldself signed
certificate in certificate chainunable to get local issuer certificateunable to verify the first certificatepath length constraint exceededunsupported certificate purposeauthority and subject key identifier mismatchauthority and issuer serial number mismatchkey usage does not include certificate signingunable to get CRL issuer certificatekey usage does not include CRL signingunhandled critical CRL extensioninvalid non-CA certificate (has CA markings)proxy path length constraint exceededkey usage does not include digital signatureproxy certificates not allowed, please set the appropriate flaginvalid or inconsistent certificate extensioninvalid or inconsistent certificate policy extensionRFC 3779 resource not subset of parent's resourcesname constraints minimum and maximum not supportedapplication verification failureunsupported name constraint typeunsupported or invalid name constraint syntaxunsupported or invalid name syntaxSuite B: certificate version invalidSuite B: invalid public
key algorithmSuite B: invalid signature algorithmSuite B: curve not allowed for this LOSSuite B: cannot sign P-384 with P-256CA signature digest algorithm too weakInvalid certificate verification contextIssuer certificate lookup errorCertificate Transparency required, but no valid SCTs foundunknown certificate verification errorV[[x[h[X[H[8[(([[[ZZZZZZZZxZhZXZHZ8Z(ZZZYYYYYYYYxYhYXYHY8Y(YYYXXXXXXXXxXhXXXHX8X(XXXWWWWWWWWxWhWXWHW8W(WWWV../../OpenSSL_1_1_1c/crypto/x509/x509_v3.c../../OpenSSL_1_1_1c/crypto/x509/x509_vfy.cPp../../OpenSSL_1_1_1c/crypto/x509/x509_vpm.cssl_clientssl_server../../OpenSSL_1_1_1c/crypto/x509/x509name.c../../OpenSSL_1_1_1c/crypto/x509/x509spki.cX509_ATTRIBUTE../../OpenSSL_1_1_1c/crypto/x509/x_crl.cX509_CRLsig_algX509_CRL_INFOlastUpdateX509_REVOKEDrevocationDateX509_EXTENSIONSX509_EXTENSION../../OpenSSL_1_1_1c/crypto/x509/x_name.cX509_NAME_INTERNALX509_NAME_ENTRIESRDNSX509_NAME_ENTRY../../OpenSSL_1_1_1c/crypto/x509/x_pubkey.cX509_PUBKEYreq_infoX509_REQ_INFOPX../../OpenSSL_1_1_1c/crypto/x509/x_x509.ccert_infoX509_CINFissuerUIDsubjectUIDpX509_CERT_AUXreject../../OpenSSL_1_1_1c/crypto/x509v3/pcy_cache.c../../OpenSSL_1_1_1c/crypto/x509v3/pcy_data.c../../OpenSSL_1_1_1c/crypto/x509v3/pcy_node.c../../OpenSSL_1_1_1c/crypto/x509v3/pcy_tree.c[%d]%x%s%s%02x%*sIPv4%*sIPv6%*sUnknown
AFI %u (Unicast) (Multicast) (Unicast/Multicast) (MPLS) (Tunnel) (VPLS) (BGP MDT) (MPLS-labeled VPN) (Unknown SAFI %u): inherit
/%d
IPv4-SAFIIPv6-
SAFI,value:,name:section:IPAddressFamilyaddressFamilyipAddressChoiceIPAddressChoiceu.inheritu.addressesOr

RangesIPAddressOrRangeu.addressPrefixu.addressRangeIPAddressRangeminmax../../OpenSSL_1_1_1c/crypto/x509v3/v3_addr.c0123456789.:abcdefABCDEF0123456789. (%*snamingAuthority: %*s admissionAuthorityId: %*s
namingAuthorityText: %*s namingAuthorityUrl: %*sadmissionAuthority:
%*s %*sEntry %0d:
%*s admissionAuthority:
%*s   %*s   registrationNumber: %*s   Info Entries:
%*s   %*s   Profession OIDs:
%*s   %s%s%s%s
ADMISSION_SYNTAXadmissionAuthoritycontentsOfAdmissionsADMISSIONSnamingAuthorityprofessionInfosPROFESSION_INFOprofessionItemsprofessionOIDsregistrationNumberaddProfessionInfoNAMING_AUTHORITYnamingAuthorityIdnamingAuthorityUrlnamingAuthorityText%*s
  Profession Info Entry %0d:
always../../OpenSSL_1_1_1c/crypto/x509v3/v3_akey.cothernameX400NameEdiPartyNameURIDirNameIP AddressRegistered
IDothername:<unsupported>X400Name:<unsupported>EdiPartyName:<unsupported>email:%sDNS:%sURI:%sDirName:IP Address:%d.%d.%d.%d:%XIP Address:<invalid>Registered
ID:RIDIPdirNamejjj,kh\kkTi\jm8mhmmmmnll4opplq|plqpqo../../OpenSSL_1_1_1c/crypto/x509v3/v3_alt.c%*s%s
%*s%s-Autonomous System Numbers%*sinherit
Routing Domain
IdentifiersASRDIasnumrdiASIdentifierChoiceu.asIdsOrRangesASIdOrRangeu.idu.rangeASRange../../OpenSSL_1_1_1c/crypto/x509v3/v3_asid.cpathlen../../OpenSSL_1_1_1c/crypto/x509v3/v3_bcons.c../../OpenSSL_1_1_1c/crypto/x509v3/v3_bitst.cDigital SignaturedigitalSignatureNon RepudiationnonRepudiationKey
EnciphermentkeyEnciphermentData
 EnciphermentdataEnciphermentKey AgreementkeyAgreementCertificate SignkeyCertSignCRL
SigncRLSignEncipher OnlyencipherOnlyDecipher OnlydecipherOnlyObject SigningobjsignUnusedreservedSSL
CAsslCAS/MIME CAemailCAObject Signing
CAobjCA../../OpenSSL_1_1_1c/crypto/x509v3/v3_conf.c,section=critical,DER:ASN1:%*sCPS: %s
%*sUser Notice:
%*sOrganization: %s
%*sNumber%s: (null)%*sExplicit Text: %s
%*sUnknown Qualifier: %*sPolicy: ia5orgpolicyIdentifieruserNoticeexplicitTextnoticeNumbersNon
Critical%*sNo Qualifiers
NOTICEREFnoticenosUSERNOTICEnoticerefexptextPOLICYQUALINFOpqualidd.cpsurid.usernoticePOLICYINFOpolicyidqualifiersCERTIFICATEPOLICIES../../OpenSSL_1_1_1c/crypto/x509v3/v3_cpols.c%*sFull Name:
%*sRelative Name:
%*s%*sOnly User Certificates
%*sOnly CA Certificates
%*sIndirect CRL
Only Some Reasons%*s%s:
%*s%*s<EMPTY>
%*sCRL Issuer:
CRLissueronlyuseronlyCAonlyAAindirectCRLonlysomereasonsISSUING_DIST_POINTdistpointonlyattrCRL_DIST_POINTSCRLDistributionPointsDIST_POINT_NAMEname.fullnamename.relativenameunusedKey
 CompromiseCA CompromiseCACompromiseAffiliation ChangedSupersededCessation Of OperationCertificate
HoldPrivilege WithdrawnprivilegeWithdrawnAA CompromiseAACompromise%*sOnly Attribute Certificates
../../OpenSSL_1_1_1c/crypto/x509v3/v3_crld.c../../OpenSSL_1_1_1c/crypto/x509v3/v3_enum.cUnspecifiedRemove From CRL../../OpenSSL_1_1_1c/crypto/x509v3/v3_extku.c(008@80
TTTTTTTTT``````GeneralNamesd.otherNamed.rfc822Named.dNSNamed.x400Addressd.directoryNamed.ediPart

yNamed.uniformResourceIdentifierd.iPAddressd.registeredIDEDIPARTYNAMEnameAssignerpartyNameOTHER
NAMEtype_id../../OpenSSL_1_1_1c/crypto/x509v3/v3_ia5.c../../OpenSSL_1_1_1c/crypto/x509v3/v3_info.c%s -
%sACCESS_DESCRIPTIONlocation../../OpenSSL_1_1_1c/crypto/x509v3/v3_lib.cIP:%d.%d.%d.%d/%d.%d.%d.
%dPermittedExcludedpermittedexcludedpermittedSubtreesexcludedSubtreesGENERAL_SUBTREEminimummaxi
mum,$,,L44T|../../OpenSSL_1_1_1c/crypto/x509v3/v3_ncons.chex:text:%*sPath Length Constraint:
infinite%*sPolicy Language: %*sPolicy
Text: %s
../../OpenSSL_1_1_1c/crypto/x509v3/v3_pci.cPROXY_CERT_INFO_EXTENSIONpcPathLengthConstraintproxyP
olicyPROXY_POLICYpolicyLanguageRequire Explicit PolicyInhibit Policy
MappingrequireExplicitPolicyinhibitPolicyMapping../../OpenSSL_1_1_1c/crypto/x509v3/v3_pcons.cNot After:
PKEY_USAGE_PERIOD../../OpenSSL_1_1_1c/crypto/x509v3/v3_pmaps.cPOLICY_MAPPINGissuerDomainPoli
cysubjectDomainPolicy%*s<Not Supported>%*s<Parse
Error>%*s%s../../OpenSSL_1_1_1c/crypto/x509v3/v3_prn.c../../OpenSSL_1_1_1c/crypto/x509v3/v3_purp.cGSUW
Yg~"#SSL clientsslclientNetscape SSL servernssslserverS/MIME signingsmimesignS/MIME
encryptionsmimeencryptCRL signingcrlsignAny PurposeOCSP helperocsphelperTime Stamp
signingtimestampsign../../OpenSSL_1_1_1c/crypto/x509v3/v3_skey.c%*sVersion: %ld (0x%lX)
%*sZone: %s, User:
SXNETSXNETID../../OpenSSL_1_1_1c/crypto/x509v3/v3_sxnet.c../../OpenSSL_1_1_1c/crypto/x509v3/v3_tlsf.cst
atus_request_v2../../OpenSSL_1_1_1c/crypto/x509v3/v3_utl.c-0xxn--truefalsebad ip addressbad objectbn
dec2bn errorbn to asn1 integer errordirname errordistpoint already setduplicate zone iderror converting zoneerror
creating extensionerror in extensionexpected a section nameextension existsextension name errorextension not
foundextension value errorillegal empty extensionincorrect policy syntax taginvalid asnumberinvalid asrangeinvalid
boolean stringinvalid extension stringinvalid inheritanceinvalid ipaddressinvalid multiple rdnsinvalid nameinvalid
null nameinvalid null valueinvalid numbersinvalid object identifierinvalid optioninvalid policy identifierinvalid
proxy policy settinginvalid purposeinvalid safiinvalid sectioninvalid syntaxissuer decode errorneed organization and
numbersno config databaseno issuer certificateno issuer detailsno policy identifierno subject detailsoperation not
definedothername errorpolicy path lengthunable to get issuer detailsunable to get issuer keyidunknown bit string
argumentunknown extensionunknown extension nameunsupported optionuser too
longa2i_GENERAL_NAMEaddr_validate_path_internalASIdentifierChoice_canonizebignum_to_stringcopy_email
copy_issuerdo_dirnamedo_ext_i2ddo_ext_nconfgnames_from_sectnamei2s_ASN1_ENUMERATEDi2s_ASN1_IA
5STRINGi2s_ASN1_INTEGERi2v_AUTHORITY_INFO_ACCESSlevel_add_nodenotice_sectionnref_nospolicy_
cache_createpolicy_cache_newpolicy_data_newpolicy_sectionprocess_pci_valuer2i_certpolr2i_pcis2i_ASN1_IA5S
TRINGs2i_ASN1_INTEGERs2i_ASN1_OCTET_STRINGs2i_skey_idset_dist_point_nameSXNET_add_id_ascSX
NET_add_id_INTEGERSXNET_add_id_ulongSXNET_get_id_ascSXNET_get_id_ulongtree_initv2i_ASIdentifiers
v2i_ASN1_BIT_STRINGv2i_AUTHORITY_INFO_ACCESSv2i_AUTHORITY_KEYIDv2i_BASIC_CONSTRAI
NTSv2i_crldv2i_EXTENDED_KEY_USAGEv2i_GENERAL_NAMESv2i_GENERAL_NAME_exv2i_idpv2i_IP
AddrBlocksv2i_issuer_altv2i_NAME_CONSTRAINTSv2i_POLICY_CONSTRAINTSv2i_POLICY_MAPPINGSv
2i_subject_altv2i_TLS_FEATUREv3_generic_extensionX509V3_add1_i2dX509V3_add_valueX509V3_EXT_add
X509V3_EXT_add_aliasX509V3_EXT_i2dX509V3_EXT_nconfX509V3_get_sectionX509V3_get_stringX509V3
_get_value_boolX509V3_parse_listX509_PURPOSE_addX509_PURPOSE_setextension
setting not supportedno proxy cert policy language definedpolicy language already definedpolicy path length
already definedpolicy when proxy language requires no
policyASIdentifierChoice_is_canonical../../OpenSSL_1_1_1c/ssl/bio_ssl.c|K|LKLK|L|LKDKMMXMpMMMMLSR
SNSS`R@R(RRQQPQ8QNSSS

l/packet.c../../OpenSSL_1_1_1c/ssl/pqueue.c../../OpenSSL_1_1_1c/ssl/record/rec_layer_d1.cSSL alert number read headerread bodyread doneRHRBRD../../OpenSSL_1_1_1c/ssl/record/rec_layer_s3.c

../../OpenSSL_1_1_1c/ssl/record/ssl3_buffer.c../../OpenSSL_1_1_1c/ssl/record/ssl3_record.cGET POST HEAD PUT CONNE\\\

256TLS_RSA_WITH_CAMELLIA_256_CBC_SHATLS_DHE_DSS_WITH_CAMELLIA_256_CBC_SHATLS_
DHE_RSA_WITH_CAMELLIA_256_CBC_SHATLS_DH_anon_WITH_CAMELLIA_256_CBC_SHATLS_RSA
_WITH_CAMELLIA_128_CBC_SHATLS_DHE_DSS_WITH_CAMELLIA_128_CBC_SHATLS_DHE_RSA_WI
TH_CAMELLIA_128_CBC_SHATLS_DH_anon_WITH_CAMELLIA_128_CBC_SHAECDHE-ECDSA-
CAMELLIA128-SHA256TLS_ECDHE_ECDSA_WITH_CAMELLIA_128_CBC_SHA256ECDHE-ECDSA-
CAMELLIA256-
SHA384TLS_ECDHE_ECDSA_WITH_CAMELLIA_256_CBC_SHA384TLS_ECDHE_RSA_WITH_CAMELLI
A_128_CBC_SHA256TLS_ECDHE_RSA_WITH_CAMELLIA_256_CBC_SHA384TLS_PSK_WITH_CAMELLI
A_128_CBC_SHA256TLS_PSK_WITH_CAMELLIA_256_CBC_SHA384TLS_DHE_PSK_WITH_CAMELLIA_
128_CBC_SHA256TLS_DHE_PSK_WITH_CAMELLIA_256_CBC_SHA384TLS_RSA_PSK_WITH_CAMELLI
A_128_CBC_SHA256TLS_RSA_PSK_WITH_CAMELLIA_256_CBC_SHA384TLS_ECDHE_PSK_WITH_CA
MELLIA_128_CBC_SHA256TLS_ECDHE_PSK_WITH_CAMELLIA_256_CBC_SHA384TLS_GOSTR341001_
WITH_28147_CNT_IMITTLS_GOSTR341001_WITH_NULL_GOSTR3411TLS_RSA_WITH_ARIA_128_GCM
_SHA256TLS_RSA_WITH_ARIA_256_GCM_SHA384TLS_DHE_RSA_WITH_ARIA_128_GCM_SHA256TLS
_DHE_RSA_WITH_ARIA_256_GCM_SHA384TLS_DHE_DSS_WITH_ARIA_128_GCM_SHA256TLS_DHE_
DSS_WITH_ARIA_256_GCM_SHA384ECDHE-ECDSA-ARIA128-GCM-
SHA256TLS_ECDHE_ECDSA_WITH_ARIA_128_GCM_SHA256ECDHE-ECDSA-ARIA256-GCM-
SHA384TLS_ECDHE_ECDSA_WITH_ARIA_256_GCM_SHA384TLS_ECDHE_RSA_WITH_ARIA_128_GCM
_SHA256TLS_ECDHE_RSA_WITH_ARIA_256_GCM_SHA384TLS_PSK_WITH_ARIA_128_GCM_SHA256T
LS_PSK_WITH_ARIA_256_GCM_SHA384TLS_DHE_PSK_WITH_ARIA_128_GCM_SHA256TLS_DHE_PSK
_WITH_ARIA_256_GCM_SHA384TLS_RSA_PSK_WITH_ARIA_128_GCM_SHA256TLS_RSA_PSK_WITH_
ARIA_256_GCM_SHA384H`p8('p"p'p'p".p.`.p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'-
p'-p'p'p'p'p'p'p'--h-(--@-,p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p',,
,,++p'p'p'+p+p'p'P+0+*X*@*
**X')p')p'p'p'`)@)((p'p'p'p'p'p'p'p'0)p'p'p'p'(.D32P/2P/P/P/P/P/P/l2P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/
P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/T2P/P/P/11P/P/P/P/11P/P/P/P/P/P/P/P/P/P/P/1110d.T0P/P/P/P/400P///P/P/P/P//|/
P/P//\/P/....P/P/P/P/P/P/P/|.4444P/P/P/P/P/P/P/P/333DOWNGRDDOWNGRDCLNTSRVRTLS_FALLBACK_SCS
VNULL-
MD5TLS_RSA_WITH_NULL_MD5TLS_RSA_WITH_NULL_SHATLS_RSA_WITH_AES_128_CBC_SHADH
E-DSS-AES128-SHAADH-AES128-SHATLS_RSA_WITH_AES_256_CBC_SHADHE-DSS-AES256-SHAADH-
AES256-SHATLS_RSA_WITH_NULL_SHA256DHE-DSS-AES128-SHA256DHE-DSS-AES256-SHA256DHE-
RSA-AES256-SHA256ADH-AES128-SHA256ADH-AES256-SHA256DHE-DSS-AES128-GCM-SHA256DHE-
DSS-AES256-GCM-SHA384ADH-AES128-GCM-SHA256ADH-AES256-GCM-
SHA384TLS_RSA_WITH_AES_128_CCMTLS_RSA_WITH_AES_256_CCMDHE-RSA-AES128-
CCMTLS_DHE_RSA_WITH_AES_128_CCMDHE-RSA-AES256-
CCMTLS_DHE_RSA_WITH_AES_256_CCMTLS_RSA_WITH_AES_128_CCM_8TLS_RSA_WITH_AES_256
_CCM_8DHE-RSA-AES128-CCM8DHE-RSA-AES256-
CCM8TLS_PSK_WITH_AES_128_CCMTLS_PSK_WITH_AES_256_CCMDHE-PSK-AES128-
CCMTLS_DHE_PSK_WITH_AES_128_CCMDHE-PSK-AES256-
CCMTLS_DHE_PSK_WITH_AES_256_CCMTLS_PSK_WITH_AES_128_CCM_8TLS_PSK_WITH_AES_256_
CCM_8DHE-PSK-AES128-CCM8DHE-PSK-AES256-CCM8ECDHE-ECDSA-AES128-CCMECDHE-ECDSA-
AES256-CCMECDHE-ECDSA-AES128-CCM8ECDHE-ECDSA-AES256-CCM8ECDHE-ECDSA-NULL-
SHATLS_ECDHE_ECDSA_WITH_NULL_SHAECDHE-ECDSA-AES128-SHAECDHE-ECDSA-AES256-
SHAECDHE-RSA-NULL-SHATLS_ECDHE_RSA_WITH_NULL_SHAECDHE-RSA-AES128-SHAECDHE-
RSA-AES256-SHAAECDH-NULL-SHATLS_ECDH_anon_WITH_NULL_SHAAECDH-AES128-SHAAECDH-
AES256-SHAECDHE-ECDSA-AES128-SHA256ECDHE-ECDSA-AES256-SHA384ECDHE-RSA-AES128-
SHA256ECDHE-RSA-AES256-SHA384ECDHE-ECDSA-AES128-GCM-SHA256ECDHE-ECDSA-AES256-
GCM-SHA384ECDHE-RSA-AES128-GCM-SHA256ECDHE-RSA-AES256-GCM-

SHA384TLS_PSK_WITH_NULL_SHATLS_DHE_PSK_WITH_NULL_SHARSA-PSK-NULL-
SHATLS_RSA_PSK_WITH_NULL_SHATLS_PSK_WITH_AES_128_CBC_SHATLS_PSK_WITH_AES_256_C
BC_SHARSA-PSK-AES128-CBC-SHARSA-PSK-AES256-CBC-SHADHE-PSK-AES128-GCM-SHA256DHE-
PSK-AES256-GCM-SHA384RSA-PSK-AES128-GCM-SHA256RSA-PSK-AES256-GCM-
SHA384TLS_PSK_WITH_NULL_SHA256TLS_PSK_WITH_NULL_SHA384TLS_DHE_PSK_WITH_NULL_S
HA256TLS_DHE_PSK_WITH_NULL_SHA384RSA-PSK-AES128-CBC-SHA256RSA-PSK-AES256-CBC-
SHA384RSA-PSK-NULL-SHA256TLS_RSA_PSK_WITH_NULL_SHA256RSA-PSK-NULL-
SHA384TLS_RSA_PSK_WITH_NULL_SHA384ECDHE-PSK-AES128-CBC-SHAECDHE-PSK-AES256-CBC-
SHAECDHE-PSK-AES128-CBC-SHA256ECDHE-PSK-AES256-CBC-SHA384ECDHE-PSK-NULL-
SHATLS_ECDHE_PSK_WITH_NULL_SHAECDHE-PSK-NULL-SHA256ECDHE-PSK-NULL-SHA384SRP-
AES-128-CBC-SHASRP-RSA-AES-128-CBC-SHASRP-DSS-AES-128-CBC-SHASRP-AES-256-CBC-SHASRP-
RSA-AES-256-CBC-SHASRP-DSS-AES-256-CBC-SHAECDHE-RSA-CHACHA20-POLY1305ECDHE-ECDSA-
CHACHA20-POLY1305ECDHE-PSK-CHACHA20-POLY1305RSA-PSK-CHACHA20-POLY1305DHE-DSS-
CAMELLIA128-SHA256ADH-CAMELLIA128-SHA256DHE-DSS-CAMELLIA256-SHA256DHE-RSA-
CAMELLIA256-SHA256ADH-CAMELLIA256-SHA256DHE-DSS-CAMELLIA256-SHADHE-RSA-
CAMELLIA256-SHAADH-CAMELLIA256-SHADHE-DSS-CAMELLIA128-SHADHE-RSA-CAMELLIA128-
SHAADH-CAMELLIA128-SHAECDHE-RSA-CAMELLIA128-SHA256ECDHE-RSA-CAMELLIA256-
SHA384RSA-PSK-CAMELLIA128-SHA256RSA-PSK-CAMELLIA256-SHA384ECDHE-PSK-CAMELLIA128-
SHA256ECDHE-PSK-CAMELLIA256-SHA384GOST2001-GOST89-GOST89GOST2001-NULL-
GOST94GOST2012-GOST8912-GOST8912GOST2012-NULL-GOST12IDEA-CBC-
SHATLS_RSA_WITH_IDEA_CBC_SHATLS_RSA_WITH_SEED_CBC_SHADHE-DSS-SEED-
SHATLS_DHE_DSS_WITH_SEED_CBC_SHADHE-RSA-SEED-
SHATLS_DHE_RSA_WITH_SEED_CBC_SHAADH-SEED-
SHATLS_DH_anon_WITH_SEED_CBC_SHADHE-RSA-ARIA128-GCM-SHA256DHE-RSA-ARIA256-GCM-
SHA384DHE-DSS-ARIA128-GCM-SHA256DHE-DSS-ARIA256-GCM-SHA384ECDHE-ARIA128-GCM-
SHA256ECDHE-ARIA256-GCM-SHA384DHE-PSK-ARIA128-GCM-SHA256DHE-PSK-ARIA256-GCM-
SHA384RSA-PSK-ARIA128-GCM-SHA256RSA-PSK-ARIA256-GCM-
SHA384TLS_AES_128_GCM_SHA256TLS_AES_256_GCM_SHA384TLS_CHACHA20_POLY1305_SHA256T
LS_AES_128_CCM_SHA256TLS_AES_128_CCM_8_SHA256../../OpenSSL_1_1_1c/ssl/s3_msg.c../../OpenSSL_
1_1_1c/ssl/ssl_asn1.cSSL_SESSION_ASN1master_keykey_argtimeoutverify_resulttlsext_hostnamepsk_identitytlse
xt_tick_lifetime_hinttlsext_tickcomp_idsrp_usernametlsext_tick_age_addmax_early_dataalpn_selectedtlsext_max_f
ragment_len_modeticket_appdataSSL
for verify callback%s/%sOPENSSL_DIR_read(&ctx, '../../OpenSSL_1_1_1c/ssl/ssl_cert.cPpt+
?@../../OpenSSL_1_1_1c/ssl/ssl_ciph.cECDHE-ECDSA-AES128-GCM-SHA256:ECDHE-ECDSA-AES256-
GCM-SHA384ALL:!COMPLEMENTOFDEFAULT:!eNULL%-23s %s Kx=%-8s Au=%-4s Enc=%-9s Mac=%-4s
STRENGTHSECLEVEL=SUITEB128ONLYSUITEB128C2SUITEB128SUITEB192DES(56)3DES(168)RC4(128
)RC2(128)IDEA(128)AES(128)AES(256)AESGCM(128)AESGCM(256)AESCCM(128)AESCCM(256)AESCCM
8(128)AESCCM8(256)Camellia(128)Camellia(256)ARIAGCM(128)ARIAGCM(256)SEED(128)GOST89(256)CH
ACHA20/POLY1305(256)AEADGOST2012(NONE)TLSv1.0COMPLEMENTOFALLCOMPLEMENTOFDEFA
ULTkRSAkEDHkDHEkEECDHkECDHEkPSKkRSAPSKkECDHEPSKkDHEPSKkSRPkGOSTaRSAaDSSaNUL
LaECDSAaPSKaGOST01aGOST12aGOSTaSRPADHAECDHeNULLAESAESGCMAESCCMAESCCM8CAME
LLIACHACHA20ARIAARIAGCMGOST89MACSSLv3LOWMEDIUMHIGHFIPSEDH-DSS-DES-CBC3-
SHAEDH-RSA-DES-CBC3-SHA @(
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e../../OpenSSL_1_1_1c/ssl/ssl_conf.cTLSv1.1TLSv1.3DTLSv1DTLSv1.2+automaticSSLv2SessionTicketEmptyFra
gmentsBugsCompressionServerPreferenceNoResumptionOnRenegotiationECDHSingleUnsafeLegacyRenegotiation
EncryptThenMacNoRenegotiationAllowNoDHEKEXPrioritizeChaChaMiddleboxCompatAntiReplayPeerRequireO
nceRequestPostHandshakeRequirePostHandshakeno_ssl3no_tls1no_tls1_1no_tls1_2no_tls1_3bugsno_compecdh_si

ngleno_ticketserverpreflegacy_renegotiationno_renegotiationno_resumption_on_renegno_legacy_server_connectallow_no_dhe_kexprioritize_chachano_middleboxno_anti_replayClientSignatureAlgorithmsclient_sigalgsCurvescurvesECDHParametersCipherStringCiphersuitesciphersuitesMinProtocolmin_protocolMaxProtocolmax_protocolVerifyModeServerInfoFileChainCAPathchainCApathChainCAFilechainCAfileVerifyCAPathverifyCApathVerifyCAFileverifyCAfileRequestCAFilerequestCAFileClientCAFileRequestCAPathClientCAPathdhparamRecordPaddingrecord_paddingNumTicketsnum_tickets
T@@@ application data after close notifyattempt to reuse session in different contextat least TLS 1.0
needed in FIPS modeat least (D)TLS 1.2 needed in Suite B modebad srtp protection profile listciphersuite digest has changedcompression id not within private rangecustom ext handler alreadyinstalleddane cannot override mtype fulldane tlsa bad certificate usagedecryption failed or bad record macdh public value length is wrongempty srtp protection profile listerror setting tlsa base domainmissing supported groups extensionmixed handshake and non handshake dataPeer haven't sent GOST certificate, required for selected ciphersuiteno shared signature algorithmsno suitable signature algorithmold session cipher not returnedold session compression algorithm not returnedpeer did not return a certificatepost handshake auth encoding errrequired compression algorithm missingscsv received when renegotiatingsession id context uninitializedsignature for non signing certificatesrtp could not allocate profilessrtp protection profile list too longsrtp unknown protection profilessl3 ext invalid max fragment
lengthssl3 ext invalid servername typesslv3 alert certificate expiredsslv3 alert certificate revokedsslv3 alert certificate unknownsslv3 alert decompression failuresslv3 alert unexpected messagesslv3 alert unsupported certificatessl ctx has no default ssl versionssl session id callback failedssl session id context too longtlsv13 alert certificate requiredtlsv13 alert missing extensiontlsv1 alert export restrictiontlsv1 alert inappropriate fallbacktlsv1 alert insufficient securitytlsv1 bad certificate hash valuetlsv1 bad certificate status responsetlsv1 certificate unobtainablepeer does not accept heartbeatsheartbeat request already pendingtls invalid ecpointformat listunable to find ecdh parametersunable to find public key parametersunable to load ssl3 md5 routinesunable to load ssl3 sha1 routinesunsafe legacy renegotiation disabledx509 verification setup
problemsdtls1_process_buffered_recordsdtls_construct_change_cipher_specdtls_construct_hello_verify_requestossl_statem_client13_write_transitionossl_statem_client_post_process_messageossl_statem_client_process_messageossl_statem_client_read_transitionossl_statem_client_write_transitionossl_statem_server13_write_transitionossl_statem_server_post_process_messageossl_statem_server_process_messageossl_statem_server_read_transitionossl_statem_server_write_transitionsrp_generate_client_master_secretsrp_generate_server_master_secretSSL_add_dir_cert_subjects_to_stackSSL_add_file_cert_subjects_to_stackssl_check_srvr_ecc_cert_and_algSSL_client_hello_get1_extensions_presentSSL_COMP_add_compression_methodSSL_CTX_set_client_cert_engineSSL_CTX_set_ct_validation_callbackSSL_CTX_set_session_id_contextSSL_CTX_set_tlsext_max_fragment_lengthSSL_CTX_use_RSAPrivateKey_ASN1SSL_CTX_use_RSAPrivateKey_filessl_log_rsa_client_key_exchangeSSL_set_ct_validation_callbackSSL_set_tlsext_max_fragment_lengthSSL_verify_client_post_handshaketls13_restore_handshake_digest_for_phatls13_save_handshake_digest_for_phatls_client_key_exchange_post_worktls_construct_certificate_authoritiestls_construct_certificate_requesttls_construct_cert_status_bodytls_construct_change_cipher_spectls_construct_cke_psk_preambletls_construct_client_certificatetls_construct_client_key_exchangetls_construct_ctos_ec_pt_formatstls_construct_ctos_maxfragmentlentls_construct_ctos_post_handshake_authtls_construct_ctos_psk_kex_modestls_construct_ctos_renegotiatetls_construct_ctos_server_nametls_construct_ctos_session_tickettls_construct_ctos_status_requesttls_construct_ctos_supported_groupstls_construct_ctos_supported_versionstls_construct_encrypted_extensionstls_construct_end_of_early_datatls_construct_hello_retry_requesttls_construct_new_session_tickettls_construct_server_certificatetls_construct_server_key_exchangetls_construct_stoc_cryptopro_bugtls_construct_stoc_ec_pt_formatstls_construct_stoc_maxfragmentlentls_construct_stoc_next_proto_negtls_construct_stoc_renegotiatetls_construct_stoc_server_nametls_construct_stoc_session_tickettls_construct_stoc_status_requesttls_construct_stoc_supported_groupstls_construct_stoc_supported_versionstls_early_post_process_client_hellotls_parse_certificate_authoritiestls_parse_ctos_post_handshake_authtls_parse_ctos_supported_groupstls_parse_stoc_supported_versionstls_post_process_client_key_exchangetls_prepare_client_certificatetls_process_as_hello_retry_requesttls_process_certificate_requesttls_process_change_cipher_spectls_process_client_certificatetls_process_client_key_exchangetls_process_encrypted_e

xtensionstls_process_hello_retry_requesttls_process_initial_server_flighttls_process_new_session_tickettls_process_server_certificateWPACKET_start_sub_packet_len__app

data in handshakebad change cipher specbad cipherbad databad data returned by callbackbad decompressionbad dh valuebad early databad ecc certbad ecpointbad extensionbad handshake lengthbad handshake statebad hello requestbad hrr versionbad key sharebad key updatebad legacy versionbad packetbad packet lengthbad protocol version numberbad pskbad

psk identitybad record typebad rsa encryptbad srp a lengthbad srp parametersbad srtp mki valuebad ssl filetypebad write retrybinder does not verifyblock cipher pad is wrongcallback failedcannot change cipherca dn length mismatchca key too smallca md too weakccs received earlycertificate verify failedcert cb errorcert length mismatchcipher code wrong lengthcipher or hash unavailableclienthello tlsextcompressed length too longcompression disabledcompression library errorconnection type not setcontext not dane enabledcookie gen callback failurecookie mismatchdane already enableddane not enableddane tlsa bad certificatedane tlsa bad data lengthdane tlsa bad digest lengthdane tlsa bad matching typedane tlsa bad public keydane tlsa bad selectordane tlsa null datadata between ccs and finisheddata length too longdh key too smalldigest check faileddtls message too bigduplicate compression idecc cert not for signingecdh required for suiteb modeee key too smallencrypted length too longerror

in received cipher listexceeds max fragment sizeexcessive message sizeextension not receivedextra data in messageext length mismatchfailed to init asyncfragmented client hellogot a fin before a ccshttps proxy requesthttp requestillegal point compressionillegal Suite B digestinappropriate fallbackinconsistent compressioninconsistent early data alpninconsistent early data sniinconsistent extmsinsufficient securityinvalid alertinvalid ccs messageinvalid certificate or alginvalid commandinvalid compression algorithminvalid configinvalid configuration nameinvalid contextinvalid ct validation typeinvalid key update typeinvalid max early datainvalid null cmd nameinvalid sequence numberinvalid serverinfo datainvalid session idinvalid srp usernameinvalid status responseinvalid ticket keys lengthlength too shortlibrary bugmissing dsa signing certmissing ecdsa signing certmissing fatalmissing rsa certificatemissing rsa encrypting certmissing rsa signing certmissing sigalgs extensionmissing signing

certcan't find SRP server parammissing tmp dh keymissing tmp ecdh keynot on record boundarynot replacing certificatenot serverno application protocolno certificates returnedno certificate assignedno certificate setno change following hrrno ciphers availableno ciphers specifiedno cipher matchno client cert methodno compression specifiedno cookie callback setno method specifiedno pem extensionsno private key assignedno protocols availableno required digestno shared cipherno shared groupsno srtp profilesno suitable key shareno valid sctsno verify cookie callbacknull ssl ctxnull ssl method passedoverflow errorpacket length too longparse tlsextpath too longpem name bad prefixpem name too shortpipeline failureprivate key mismatchprotocol is shutdownpsk identity not foundpsk no client cbpsk no server cbread bio not setread timeout expiredrecord length mismatchrecord too smallrenegotiate ext too longrenegotiation encoding errrenegotiation mismatchrequest pendingrequest sentrequired cipher missingsct

verification failedserverhello tlsextshutdown while in initsignature algorithms errorerror with the srp paramsssl3 ext invalid servernamessl3 session id too longsslv3 alert bad certificatesslv3 alert bad record macsslv3 alert handshake failuresslv3 alert illegal parametersslv3 alert no certificatessl handshake failuressl library has no ciphersssl negative lengthssl session id conflictssl session id has bad lengthssl session id too longssl session version mismatchstill in inittlsv1 alert access deniedtlsv1 alert decode errortlsv1 alert decryption failedtlsv1 alert decrypt errortlsv1 alert internal errortlsv1 alert no renegotiationtlsv1 alert protocol versiontlsv1 alert record overflowtlsv1 alert unknown catlsv1 alert user cancelledtlsv1 unrecognized nametlsv1 unsupported extensiontls illegal exporter labeltoo many key updatestoo many warn alertstoo much early dataunexpected ccs messageunexpected end of early dataunexpected messageunexpected recordunknown alert typeunknown certificate

typeunknown cipher returnedunknown cipher typeunknown cmd nameunknown commandunknown key exchange typeunknown pkey typeunknown protocolunknown ssl versionunknown stateunsolicited extensionunsupported elliptic curveunsupported protocolunsupported ssl versionunsupported status typeuse srtp not negotiatedversion too

highversion too lowwrong certificate typewrong cipher returnedwrong curvewrong signature sizewrong signature typewrong ssl versionwrong version numberx509
libadd_key_sharecheck_suiteb_cipher_listciphersuite_cbconstruct_ca_namesconstruct_key_exchange_tbsconstruct_stateful_ticketconstruct_stateless_ticketcreate_synthetic_message_hashcreate_ticket_prequelct_move_sctsct_strictcustom_ext_addcustom_ext_parsed2i_SSL_SESSIONdane_ctx_enabledane_mtype_setdane_tlsa_addderive_secret_key_and_ivdo_dtls1_writedo_ssl3_writedtls1_buffer_recorddtls1_check_timeout_numdtls1_hm_fragment_newdtls1_preprocess_fragmentdtls1_process_recorddtls1_read_bytesdtls1_read_faileddtls1_retransmit_messagedtls1_write_app_data_bytesdtls1_write_bytesDTLSv1_listendtls_get_reassembled_messagedtls_process_hello_verifyDTLS_RECORD_LAYER_newdtls_wait_for_dryearly_data_count_okfinal_early_datafinal_ec_pt_formatsfinal_emsfinal_key_sharefinal_maxfragmentlenfinal_renegotiatefinal_server_namefinal_sig_algsget_cert_verify_tbs_datanss_keylog_intOPENSSL_init_sslossl_statem_server_post_workparse_ca_namespitem_newpqueue_newread_state_machineset_client_ciphersuitesrp_verify_server_paramssl3_change_cipher_statessl3_check_cert_and_algorithmssl3_ctrlssl3_ctx_ctrlssl3_digest_cached_recordsssl3_do_change_cipher_specssl3_encssl3_final_finish_macssl3_finish_macssl3_generate_key_blockssl3_generate_master_secretssl3_get_recordssl3_init_finished_macssl3_output_cert_chainssl3_read_bytesssl3_read_nssl3_setup_key_blockssl3_setup_read_bufferssl3_setup_write_bufferssl3_write_bytesssl3_write_pendingssl_add_cert_chainssl_add_cert_to_wpacketssl_bad_methodssl_build_cert_chainSSL_bytes_to_cipher_listssl_cache_cipherlistssl_cert_add0_chain_certssl_cert_dupssl_cert_newssl_cert_set0_chainSSL_check_private_keyssl_check_srp_ext_ClientHellossl_choose_client_versionSSL_CIPHER_descriptionssl_cipher_list_to_bytesssl_cipher_process_rulestrssl_cipher_strength_sortSSL_clearSSL_CONF_cmdssl_create_cipher_listSSL_ctrlSSL_CTX_check_private_keySSL_CTX_enable_ctssl_ctx_make_profilesSSL_CTX_newSSL_CTX_set_alpn_protosSL_CTX_set_cipher_listSSL_CTX_set_ssl_versionSSL_CTX_use_certificateSSL_CTX_use_certificate_ASN1SSL_CTX_use_certificate_fileSSL_CTX_use_PrivateKeySSL_CTX_use_PrivateKey_ASN1SSL_CTX_use_PrivateKey_fileSSL_CTX_use_psk_identity_hintSSL_CTX_use_RSAPrivateKeySSL_CTX_use_serverinfoSSL_CTX_use_serverinfo_exSSL_CTX_use_serverinfo_filessl_dane_dupSSL_dane_enablessl_derivessl_do_configSSL_do_handshakeSSL_dup_CA_listSSL_enable_ctssl_generate_pkey_groupssl_generate_session_idssl_get_new_sessionssl_get_prev_sessionssl_handshake_hashssl_init_wbio_bufferSSL_key_updateSSL_load_client_CA_filessl_next_proto_validateSSL_peekSSL_peek_exssl_peek_internalSSL_readSSL_read_early_dataSSL_read_exssl_read_internalSSL_renegotiateSSL_renegotiate_abbreviatedssl_session_dupSSL_SESSION_newSSL_SESSION_print_fpSSL_SESSION_set1_idSSL_SESSION_set1_id_contextSSL_set_alpn_protosssl_set_certssl_set_cert_and_keySSL_set_cipher_listSSL_set_fdssl_set_pkeySSL_set_rfdSSL_set_sessionSSL_set_session_id_contextSSL_set_session_ticket_extSSL_set_wfdSSL_shutdownSSL_SRP_CTX_initssl_start_async_jobssl_undefined_functionssl_undefined_void_functionSSL_use_certificateSSL_use_certificate_ASN1SSL_use_certificate_fileSSL_use_PrivateKeySSL_use_PrivateKey_ASN1SSL_use_PrivateKey_fileSSL_use_psk_identity_hintSSL_use_RSAPrivateKeySSL_use_RSAPrivateKey_ASN1SSL_use_RSAPrivateKey_filessl_validate_ctssl_verify_cert_chainSSL_writeSSL_write_early_dataSSL_write_exssl_write_internaltls12_check_peer_sigalgtls12_copy_sigalgstls13_change_cipher_statetls13_enctls13_final_finish_mactls13_generate_secrettls13_hkdf_expandtls13_setup_key_blocktls1_change_cipher_statetls1_enctls1_export_keying_materialtls1_get_curvelisttls1_PRFtls1_save_u16tls1_setup_key_blocktls1_set_groupstls1_set_raw_sigalgstls1_set_server_sigalgstls1_set_shared_sigalgstls1_set_sigalgstls_choose_sigalgtls_collect_extensionstls_construct_cert_verifytls_construct_cke_dhetls_construct_cke_ecdhetls_construct_cke_gosttls_construct_cke_rsatls_construct_cke_srptls_construct_client_hellotls_construct_ctos_alpntls_construct_ctos_cookietls_construct_ctos_early_datatls_construct_ctos_emstls_construct_ctos_etmtls_construct_ctos_key_sharetls_construct_ctos_npntls_construct_ctos_paddingtls_construct_ctos_psktls_construct_ctos_scttls_construct_ctos_sig_algstls_construct_ctos_srptls_construct_ctos_use_srtptls_construct_extensionstls_construct_finishedtls_construct_key_updatetls_construct_next_prototls_construct_server_hellotls_construct_stoc_alpntls_construct_stoc_cookietls_construct_stoc_early_datatls_construct_stoc_emstls_construct_stoc_etmtls_construct_stoc_key_sharetls_construct_stoc_psktls_construct_stoc_use_srtptls_finish_handshaketls_get_message_bodytls_get_message_headertls_handle_alpntls_handle_status_requesttls_parse_ctos_alpntls_parse_ctos_cookietls_parse_ctos_early_datatls_parse_ctos_ec_pt_formatstls_parse_ctos_emstls_parse_ctos_key_sharetls_parse_ctos_maxfragmentlentls_parse_ctos_psktls_parse_ctos_psk_kex_modestls_parse_ctos_renegotiatetls_parse_c

tos_server_nametls_parse_ctos_session_tickettls_parse_ctos_sig_algstls_parse_ctos_sig_algs_certtls_parse_ctos_srptls_parse_ctos_status_requesttls_parse_ctos_use_srtptls_parse_stoc_alpntls_parse_stoc_cookietls_parse_stoc_early_datatls_parse_stoc_ec_pt_formatstls_parse_stoc_key_sharetls_parse_stoc_maxfragmentlentls_parse_stoc_npntls_parse_stoc_psktls_parse_stoc_renegotiatetls_parse_stoc_scttls_parse_stoc_server_nametls_parse_stoc_session_ticket tls_parse_stoc_status_requesttls_parse_stoc_use_srtptls_post_process_client_hellotls_process_cert_status_bodytls_process_cert_verifytls_process_cke_dhetls_process_cke_ecdhetls_process_cke_gosttls_process_cke_psk_preambletls_process_cke_rsatls_process_cke_srptls_process_client_hellotls_process_end_of_early_datatls_process_finishedtls_process_hello_reqtls_process_key_exchangetls_process_key_updatetls_process_next_prototls_process_server_donetls_process_server_hellotls_process_ske_dhetls_process_ske_ecdhetls_process_ske_psk_preambletls_process_ske_srptls_psk_do_bindertls_setup_handshakeuse_certificate_chain_filewpacket_intern_init_lenwrite_state_machine../../OpenSSL_1_1_1c/ssl/ssl_init.c../../OpenSSL_1_1_1c/ssl/ssl_lib.cTLS_AES_256_GCM_SHA384:TLS_CHACHA20_POLY1305_SHA256:TLS_AES_128_GCM_SHA256../../OpenSSL_1_1_1c/ssl/packet_locl.hHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHH8HXHHHHHHHHHHHHHHHHHHHHpHHHHHHHHHHHHHHHHHHHHHhHHH8

p` H 8 ` @ @]OpenSSL 1.1.1c 28 May 2019DTLSv0.9../../OpenSSL_1_1_1c/ssl/ssl_mcnf.c, arg=, cmd=system_default../../OpenSSL_1_1_1c/ssl/ssl_rsa.cSERVERINFO FOR SERVERINFOV2 FOR../../OpenSSL_1_1_1c/ssl/ssl_sess.cSSL SESSION PARAMETERSSSLv3/TLS write next protoSSLv3/TLS read next protobefore SSL initializationSSLv3/TLS write client helloSSLv3/TLS read server helloSSLv3/TLS read server doneSSLv3/TLS write finishedSSLv3/TLS read finishedSSLv3/TLS read client helloSSLv3/TLS write hello requestSSLv3/TLS write server helloSSLv3/TLS write certificateSSLv3/TLS write key exchangeSSLv3/TLS write server doneSSLv3/TLS read hello requestTLSv1.3 early dataSSLERRTRNPTWSTTWCSTRCSTRSTTWNPPINIT SSLOK TWCHTRSHTRSCTRSKETRCRTRSDTWCCTWCKETWCVTWCCSTWFINTRCCSTRFINTWHRTRCHTWSHTWSCTWSKETWCRTWSDTRCCTRCKETRCVDRCHVDWCHVTWEETRSCVUNKWN TRHRTWSKUTWCKUTRCKUTRSKUTPEDETWEOEDwarningBMHFNCUCCUROPVISIENRCOUNBRBHUPUKclose notifyunexpected_messagedecompression failureunsupported certificatecertificate expiredcertificate unknownunknown CAexport restrictionuser canceledcertificate unobtainablebad certificate hash valueunknown PSK identitySSLv3/TLS read certificate statusSSLv3/TLS write certificate statusSSL negotiation finished successfullySSLv3/TLS read server certificateSSLv3/TLS read server key exchangeSSLv3/TLS read server certificate requestSSLv3/TLS read server session ticketSSLv3/TLS write client certificateSSLv3/TLS write client key exchangeSSLv3/TLS write certificate verifySSLv3/TLS write change cipher specSSLv3/TLS read change cipher specSSLv3/TLS write certificate requestSSLv3/TLS write session ticketSSLv3/TLS read client certificateSSLv3/TLS read client key exchangeSSLv3/TLS read certificate verifyDTLS1 read hello verify requestDTLS1 write hello verify requestTLSv1.3 write encrypted extensionsTLSv1.3 read encrypted extensionsTLSv1.3 read server certificate verifyTLSv1.3 write server certificate verifyTLSv1.3 write server key updateTLSv1.3 write client key updateTLSv1.3 read client key updateTLSv1.3 read server key updateTLSv1.3 pending early data endTLSv1.3 write end of early dataTLSv1.3 read end of early databad certificate status response<7H7T7`7l7k5t5}5555555555555666(646@6L6X6d6p6|65566556666666777$707f7r7~77J8V8b8n8z888888888888877888&828>877!7887*78837777777<7E7N7Z7778::::::::::::::::::::x::::::::h::::::::::X:H:8:(:::999999::::::::9:::::::::9x9::::::::h9::::::::X9::::::::H9::::::::89(999889;;;

Session-ID-ctx:
Resumption PSK:
Master-Key:
PSK identity:
PSK identity hint:
SRP username:
TLS session ticket:

Compression: %d
Compression: %d (%s)
Start Time: %ld
Timeout : %ld (sec) Verify return code: %ld (%s)
Max Early Data: %u
RSA Session-ID: Master-Key:
TLS session ticket lifetime hint: %ld (seconds) Extended master secret: %s
../../OpenSSL_1_1_1c/ssl/ssl_txt.c../../OpenSSL_1_1_1c/ssl/statem/extensions.cres binderext
binder../../OpenSSL_1_1_1c/ssl/statem/extensions_clnt.c../../OpenSSL_1_1_1c/ssl/statem/../packet_locl.h../../OpenSSL_1_1_1c/ssl/statem/extensions_cust.c../../OpenSSL_1_1_1c/ssl/statem/extensions_srvr.c../../OpenSSL_1_1_1c/ssl/statem/statem.cTiii,../../OpenSSL_1_1_1c/ssl/statem/statem_clnt.cNo
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hasMatchingMACInterface(%s) start matching

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[license] IPv6 address %s matches
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Evaluation license cannot exceed 90 daysZingLXUnknownZing license does not cover this product (Azul-Tools-LicenseError: Your Zing license %s expired on %s (YYYY-MM-DD) and you are in VIOLATION of your license agreement. Permitting Zing VM launches, hardstop not enforced.
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Your Zing license %s expired on %s (YYYY-MM-DD) and you are in VIOLATION of your license agreement.
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4Ng6Pl31S9ijYn1P52p/2ZKlfARAeeekHioo12ljiYsHVlR6pDEBaPYU0O7aiyQA
zqZqFBlMr/kNyYpTXaiM7pHw2oDC/e1xfpiBPdRmu53Zxr4ZaKmLYtkH5e6LuEDQ
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8A0A(B BBBGJdAdSBBN|NABDBQDOBxHUBnEXAxARBB]B,ITAM@fHBPHHA@I
AG$J/AAD fAAL,JBBE B(D0A8J`
8D0A(B BBBDL|J8BBE B(D0A8Mpz
8D0A(B BBBDDJBBB A(D0G@n
0C(A BBBFLKpBBE B(A0A8G(
8D0A(B BBBGDdKBBB A(D0G@k
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8A0A(B BBBE
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8A0A(B BBBET8A0A(B BBB44M:FG e
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8A0A(B BBBD
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8A0A(B BBBH
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F[
EmD,BAD W
ABG
ABFR
ABKt$DX
ADBAD i
ABET
ABAtAB*Ah4AAK0[
DACo
DADL4BBD A(N@
(C ABBEQ(A ABB4AAG e
DAEg
DAD\ BBD A(G@
(A ABBHe
(C ABBC[
(A FBBJ$x%AAG WCA4DAAG
i
DAIg

DAD|(Ab8%AAG WCAL@BBA A(G0
(D ABBFh
(D ABBGLBBA A(G0
(D ABBFh
(D ABBG4dJAAM X
AAGPDA'AW
HF<BBD A(G0`
(A ABBJ<hAAJ i
FADe
CAGeCA<UAl
CdL\BBE B(D0A8F`:
8D0A(B BBBCdxBBB B(A0A8DZ
8A0A(B BBBF
8C0A(B BBBG,AAG e
AAH4DwAAI b
AAAe
CAG|M.($IA^
Ad
AC4@BBD A(F0s(D ABB$<BAAJ sAAd | LBBB B(D0A8IP
8A0A(B BBBA2<BBA A(GP
(A ABBALTpXBBE B(A0A8I3
8D0A(B BBBJ4+BAA D@r
CABH<x BAA x
ABAO
ABFDHBBE A(D0D
0C(A BBBJ$d`AAL0MCAdDBE D(A0|
(C BBBKL
(C BBBKA
(F BBBC4BBAD b
ABLAFB$,As
DLT2BBE B(D0A8GD
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AABBv AABL48BBE B(D0A8J@_
8D0A(B BBBJL=BBE B(D0A8P@
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8D0A(B BBBI4$pGAAQ X
GAMDAAL\#BBE B(D0A8Gp#
8D0A(B BBBILhBBE B(D0A8F`
8D0A(B BBBE\BBE B(D0A8FPn
8F0A(B BBBEe8C0A(B BBBL\(mBBE B(D0A8P@
8D0A(B BBBE\HBBE A(D0
(D BBBEo
(D BBBGe(D BBB,OBAD [
ABK,<zEDC d
ABELlhBBB B(A0A8D@L
8D0A(B BBBILbBBE B(D0A8M@
8D0A(B BBBKLBIB B(D0A8M@_

8D0A(B BBBCd\8BBE A(D0^
(D BBBJm
(D BBBIU
(D BBBA,K`,K` $BDX
Da,D@AAX f
DAKt2Fa,SMAM0oAAA,SMAM0oAAA<$T+AAG \DA|<
aAAJ j
AAHI
AAELCA<PRBE A(A0(P BBB3N0],$DR
JLLBBD A(G0_
(C ABBIf(C ABBThKBD A(J`K
(A ABBCD
(A ABBF`>Yd ROuL4`BBE A(D0
(A BBBBv
(A BBBC +8+PXP!D\,hXAAX [
DAFL,`BBI B(D0A8G@
8D0A(B BBBBd|BBB B(D0A8Gp%
8A0A(B BBBE
8C0A(B BBBK0%#INH%9p%3FbHL4%BBB B(A0A8J
8C0A(B BBBCD4BAD u
ABAu
ABHfABH5@585BDX
Dah54`5,LX5>AAJ Z
AAH|h5
`5]D W
E555!AG0WA5<[`5<[`446DBAD J@f
AABE,l(6mBAD w
ABG,h6eBAD r
ABD46jBAD p
ABFfAB6sDN
Ng
I,$@73FAJ@ZAAC\TP7BBD A(J0Q
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(D ABBEe(D ABB47LAAGPn
AAGIAA|7cBBB B(A0A8DP
8A0A(B BBBKe
8C0A(B BBBGe
8C0A(B BBBG<l8BBD A(J`L
(A ABBK9<[`$09)AAJ@ZAA489lAAL f
CAHgCA4$p9lAAL f
CAHgCA\9'Db,t9DAAG k
AAJ9,9DAAG m
AAH9AX9!DX$:KBB B(A0A8G0
8A0A(B BBBAP\AP
8F0A(B BBBHPF$X?AAK AA,?BAC
ABD<@;BBD A(J@x
(A ABBGTADNlAAAAAAAA,A4DAAAK N
MAO]DA<|ABBE A(C0T

(A BBBH|BzBBB B(A0A8DP
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B(A0A8Dp
8A0A(B BBBDT PG!Tl hGrIBI A(A0
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DaL
GRBI B(A0A8DPj
8A0A(B BBBGd
PJG
J
JNL
JBBD A(G0X
(A ABBBj
(F
ABBKLKBBE B(D0A8L`
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0A(A BBBA
0C(A BBBGe
0C(A BBBANBDX
DaNBFp< OYBBA A(DP
(A ABBAD@PxAo
HdP2Fb<P^BDH
ABHV
ABGQ*A]DQCBAD X0}
DABEE
DABD,
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R<t
RWBEE D(A0{(D BBBL
SBBB B(A0A8D@
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0D(A BBBGa
0D(A BBBD,dU#BAD l
ABJ<VBBD A(G@
(A ABBD<XBFH A(H0
(D BBBJ|PZBBB B(D0A8D`
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8A0A(B BBBJQ
8F0A(B BBBA<[|BBD A(J@X
(D ABBD$0\ZAAGPNAAh\cAz
E\2Fd$<\(AAM VAA$d\(AAM VAA\\\\\\4\Dw
EK
EK
EK
EK
EKdT]BBB B(E0A8Mp{

8A0A(B BBBH{
8A0A(B BBBCDH`BBE B(D0A8JPn8A0A(B BBB`zFg$aeK e
HDPa\HaLk`taDc`4axBAD |
ABJbCBDbBAD r
ABDb
CBIA
FBGb$bv{`,<c6BAD kAB<lcBAD f
ABHF
ABG,c6BAD kAB<cBAD f
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(A ABBGK
(C ABBEleGBE A(D0G
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8C0A(B BBBAdLp(BBB B(D0A8K
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B(A0A8D;
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0D(B BBBKD<BBB B(A0A8
0D(E GBBH,p!BAD AB,pBAD ABd`BBB B(D0A8N
8A0A(B BBBH
8A0A(B BBBHdL+BBB B(D0A8K2
8A0A(B BBBD
8A0A(B BBBE$oAM R
AGJj_@YAL JATiSIA A(I,
(D ABBDU
(C ABBAlD
BBH B(D0A8
0A(B BBBLBBE B(D0A8Gp4
8A0A(B BBBKL8rBBE B(A0A8Gp
8A0A(B BBBALlhBBB B(A0A8D
8A0A(B BBBG|KBBB B(D0A8Jp
8A0A(B BBBG

8A0A(B BBBD

8A0A(B BBBA4<BBC A(DBB4tQAAG m
CAFLCA^[X$AAA, GBAD h
ABFL %QKd <| BBA A(M(A ABBD BBB A(D0JD
0A(A BBBGd!0BBB B(D0A8Gx
8A0A(B BBBJ2
8A0A(B BBBDl!X!!p !h
L!`BBE B(A0A8D@J
8A0A(B BBBK" " 4" L"Dc`,d"zAAJ _
AACd"@kBBE A(D0D@HIPVHF@F
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0C(A BBBDD"HvBAD IP_
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CABKD#%D\#*BBE A(D0D@
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FnD#BAD IP_
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CACD
DAGLD$ABBA A(D@
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8A0A(B BBBHL$ BBB B(A0A8D@
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(D ABBEL%0> BBB B(A0A8DS
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ET
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H<T'^BBB A(D0H
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L'D
 P
L<' BBE A(D0R
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DaL(P RBB B(D0A8LP
8C0A(B BBBAL(BBB B(A0A8Gj
8A0A(B BBBK$)

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DRT)
Tl)
BBE B(D0A8GPXI`SXAPg
8C0A(B BBBDT)PaBBB B(A0A8G@
8C0A(B BBBFHIPVHA@*h4*`LL*XBBD A(G0O

(C ABBID(E ABB***x$*pPAAJ |FA+a4,+HAAX
DAFO
DADd+|++ + + +DV,+IAAG c
EAN$,&L<,BBD A(M0H
(A ABBDV
(F ABBG,, ,,,;EAD hFB--4-L-d-|-x-p-h-`,-XBDH ~
ABA.:Fg,,.AAX Y
DAH\.h4t.`zAAV j
FAGeCA.. ..
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/H/@
/800
4,0(A
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Kh
Hy
Gf,d0HAA R
ABA0BAw
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CAJ1(}AO
HdD2(BDH
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ABDfAB2lAT
K2lAT
K2XlAT
K42HJI
Ek
Ek
Ek
Eo
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ABBQ
ABDd3(|3 \36BAA D@n
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CABID
HABAO CAB3 \4x BBD A(DPh
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(E ABBDW
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(A BBBF4!)Da44"BAD
ABHSCB4" 5" ,5" D5" D\5"{BBA A(D@HIPVHF@U
(A ABBDL5#2BBD A(Ip_
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(A ABBHT5%`BBB A(D0D@
0C(A BBBI0A(A BBBDL6&BAD IP_
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CABK6p(UAh
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Gd,7()BAD `
ABF<<7)BBD
A(M0_
(A ABBE$|7(*FCP
ET
DU7P*7H*7@*XK X
Eo7*2Fd8*,,8*CLAD dABH\8*t8*8*8*8*8*8*49*`AAO0n
FAJKCAL<9*BBE B(D0A8M`
8C0A(B BBBFT9x+BBE B(D0A8JPwXG`ZXAPK
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DaL:,
FBD B(A0A8Sf
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DAD;(E< E<(EWD@R4<pE L<hE 4d<`ERHAG]
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ABA>G:Fg,>GAAX c
DAF?xH44?pHzAAV j
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,@xHD@pH
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@HH@@H
@8HA0H
A(H4A H
LAHdAH
|AH
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IATe
CAG|\ChUmAAD
AAB[
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FAEH
FAAH
FAAP
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CAGHAA$lEXAAV kAALEYkBBD A(J@`
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(C
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(D ABBFU
(D ABBJg(D ABB,GZ+AAD R
DACtG[BBD A(D0h
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(D BBBH^
(D BBBHx(D BBBL<H\BBH A(IPJ
(A ABBJD
(D ABBALH(]xBBD A(G0
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(D ABBA4HX^AAD t
CABg
CAEI^,I^BDX
Da$LI^aG
AEtI_UIq
FI aIaLk`IPaD a
K,IaDi
CI
GH
HI
AJ`b<[`D,JbAAG
AAFv
FACe
CAG<tJ0cBBD A(I0E
(A ABBCJf\{`$JHfAD n
ADJglD0Y

CKLK`gBBC A(L0R
(D ABBA\(F ABBdKgYD Y
Cx4KgMBBA A(ZEBLKjBBB B(A0A8D8A0A(B BBBDLqBBB B(A0A80A(B BBBLTLvBBB B(A0A8M
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MBB B(A0I8n
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B(A0A8N08A0A(B BBBLNxBBE B(D0A8M8F0A(B BBBd,OH$SBB B(A0A8Kh
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B(D0A8T-8A0A(B BBBLSBBD B(A0A8G
8E0A(B
BBBAdS4
L|S4BBB B(A0A8G8A0A(B BBB<Sx7BBD A(G(A ABB4T8BAF J AABLDT`9MBBB B(D0A8R"6
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8A0A(B BBBJ,U N{BAD G
ABG<DUpNBBD A(JJ
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FNV@S"DI T4VPS2DJB ^TVpS5DL atVS GUVS'G\VSDODVSM\F L(Q0A8-0L(E BBB,WWAGPo
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BBB,LYHlBBD qDB|Ym
LYmIEB B(A0D8O
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8C0A(B BBBG
8A0A(B BBBJTd[`{fGEE D(D0i
(A BBBGA(F BBBC[x{[A|
CZ[{ AZ[{[A|
CZ\{ AZ<\{7Au\\|(Af|\(|DM\0| <\(|BBH D(A0F
(C BBBH\| D[<]|BBE A(D0}
(A BBBFD]@~\]H~t]P~4]X~gEDD L
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FAGD
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8A0A(B BBBKI
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8D0A(B BBBEL$`1BBE B(D0A8P
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 BBBCt`4`SBAD U
ABAhABd`BBE B(D0A8M`
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DAD{
DAHLbn
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AAE4cAAG ~
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CAE,LdwBDA [
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C,\gxHAJ dAAG<gMBD A(M0(A ABBCgXgPgHh@,h8Dh0\h(th hhhhhiLiBBE B(A0A8J
8D0A(B BBBF4liHAAG W
DAK]
DAFLi 7BBB B(A0A8DP
8D0A(B BBBF,iD\
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A<$jBBD A(I@Q
(D ABBD<djAAI j

CAGm
CAGgCALj@BBE B(D0A8FP
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DAF4kpEAA p
ABFg
ABF<khEAA
ABFb
CBAl$l<lXK X
Eo\l82Fd|lXl`lX,lPCLAD dABHlpI@\S@ILmBBB B(A0A8I@
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8D0A(B BBBGmPQmm0<m\BBE A(D0w
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DanXnPa,n\AAF y
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ABDF
ABG,DoDAAG e
DAEtooosD\
Hg
AoP
<oHBBA
A(G0N
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Dg
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AFH
CEeCLsBBC A(L0Q
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u uOu(v v&4v0,Lv8FAAD ^
DAG|vXIAk
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BCE$w<wxTwp4Ak
DCtwwwwxwpwhx`<xXBAD h

ABFF
ABG\xtxx<[`x<[`xxxyy<[`4y<[`,Ly8AAD S
DAB|y2Fay(rFeyKFdVyFlV$y8Dt
Hg
Ig
I\$zAAD 4
AADe
CAGN
AAHe
CAGD
FAE4z`TAAD k
DAJNDAdzBAA D0
FABKf
CABDn
AABFe
CABE4${TAAD k
DAJNDA\{($t{ xDU
Gg
Ig${xDj
Jg
Ag${Dm
Gg
Ag${HDt
HN
Jo
I$|D{
Il
Do$<|Dm
Gg
Ag$d|Dj
Bg
IgD|XAAD@o
AAIe
CAGe
CAG| |$}Dm
Gg
Ag4,}xBAA
ABAbCBd} |}$}DU
GI
GU
Cd}vBBB B(D0A8J`n
8A0A(B BBBA
8A0A(B BBBE$$~Dm
Gg
Ag$L~DR
JG
Ig\t~BAA DP
AABED

AABHpXA`DXAPjXA`FXAP~ 5D(R0^~@.X+$p <h T`dlhBBB B(D0A8M@S
8A0A(B BBBIY
8C0A(B BBBA,aAG NKAd4`BBB B(D0A8Mp
8D0A(B BBBKD
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Hg
I}
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Hd
Dz
FA,Dt
Hg
I}
KDLBBE B(D0A8OPW
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IBK
ABE$[AAD RAA<BBD A(D@=
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(C ABBC|
(C ABBDD
(D ABBKtBBE B(D0A8J`h
8A0A(B BBBDH
8F0A(B BBBIm8A0A(B BBB4$pBAA J
ABGbCB\]Aq
FdD|BAD
ABFA
CBBrCBBBB B(D0A8JPb
8A0A(B BBBEG
8F0A(B BBBBXG`RXAP
8C0A(B BBBG$L[AG {
DIFD|t BBE B(D0A8M@
8A0A(B BBBAL
8C0A(B BBBHD
8C0A(B BBBHD0BAD D0
DABCD
FABA<<fBAD J0{
DABED FABd|BBB B(A0A8Ds
8A0A(B BBBE
8A0A(B BBBB0(Dc`L`uBBE B(D0A8G`
8D0A(B BBBC4d!hAAO0x
FAHKCAL!^BBB B(A0A8Dpr
8D0A(B BBBCL$BBE B(A0A8G
8D0A(B BBBHL<-BBE B(D0A8M`

8C0A(B BBBFL-BBB B(A0A8Dp!
8C0A(B BBBEH2:Y`p2h2HDU
Gg,2DBB LL2<[`d2<[`|2<[`L3BBD A(J0C
(C ABBBg(C ABB4P3zBAD B
ABDfABL32BBB B(A0A8G
8C0A(B BBBBLl:BBD A(J0C
(C ABBBg(C ABB:A\:5Ao:5AoL;BBE B(D0A8J`
8D0A(B BBBHLlX<BBB B(A0A8D@Z
8C0A(B BBBD4=AAJ ~
FAGUCA=Lk`=Lk`$>Lk`<H>Lk`T>XDa
Kgt>>L>BBE B(D0A8PPd
8A0A(B BBBB<?BBA A(D@
(C ABBF<4@BBA A(J@f
(C ABBBt0A$X{BBkEE$BBEE$HBBEE$~BBnEE$,X}BBmEE$TzBBjEE<|,AAB B(B0B8EEEEEE<AAB
B(B0B8EEEEEE<HAAB B(B0B8^EEEEEE<-<TBAAB B(B0B8XEEEEEE0$BBEEU(P4p>LRDdAAB
B(B0B8GDDDDDDC
TMAAB B(B0B8G@EDDDDDDC
D]AAB B(B0B8G/DDDDDDC
LLBBE B(D0A8U
8A0A(B BBBDLxBBE B(D0A8OY
8A0A(B BBBF4(XBAD Y
ABMbCB4$PAAG [
CAH_AA4\AAG h
CAKN
FAKDE
MvMvXvxvp
vhv`HvP

MB(WaqL`BBB B(D0A8J
8D0A(B BBBHd0L|(BBB B(D0A8M`=
8D0A(B BBBDL&BEB B(D0A8O`
8D0A(B BBBE|+BBB B(A0A8Dpv
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GZ AZcAC
DZ AZ AZ<(Af\(Lt GEBE D(D0
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(C BBBDL BBE B(D0A8GP
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8D0A(B BBBE4paAAJ @

FAEDCA4,iAAJ F
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8A0A(B BBBG$XyAD0
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8A0A(B BBBEb
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8D0A(B BBBLD
8D0A(B BBBO4P
KAAJ M
FAHYAAL,h
BBB B(D0A8Pp
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8C0A(B BBBFLBBH B(A0A8D
8D0A(B BBBKdBBE B(D0A8Mp
8D0A(B
 BBBDD
8G0A(B BBBLPH.`6&,D
\gAL
S||BBA A(DpxFVxApJ
(F ABBBu
(C ABBCe
(C ABBCF(A ABBfVs
GP\8BAD D0
FABKa
AABKe
CABEe CAB|h%D`%D`LPBBD A(M0O
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(C ABBC[(A ABBL,dpAQ
Fd
Dd
Dd$UAAO |FA$HUAAO |FA4AAL0O
CAG_AALBBD A(M0@
(A ABBDe(C ABB$l g^qAPFT` BBD A(M0Y8R@L8A0S
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Fd
Dd
DdL4$5BBA A(D0
(F ABBHg

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(C ABBDLx'`BBE A(A0S
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(C ABBK\(A DBB\`;lBBA A(DPi
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FD
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EABH} CAB`KPANKHAFK7Gf
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ABEy
ABD<,HLAAG P
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CAIeCAM7Dr8MAU$8MO]
Dg
IMHNzL<N
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FAL|OAAG
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AACU
AAID
KAPDNAxOOW^OOO<[`,O<[`DO
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OOOO4OLOdO|OO4xOAAD U
DAHgDA4OAAD U
DAHgDA,HPuEAA ~
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AABFW
FABH$D0]Ah
G
EAl(^
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^^^D](BBB A(A0D@\
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AK\
CA,AD ^
AD\
CIL,hBBD A(G0
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H]
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$J
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FF$NVQF RHI
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CBHd
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ABDM
ABHTBBE A(D0l8H@[8F0A
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TfBBB A(A0DP
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AAFX
FAIY
FAHWFAD,HGBC A(Q@R(A ABBJH@tx, p-BAD]FB,4 p0BAD `FBd p| h| `^BBE B(D0A8IZ
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D
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x
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DAEF
DAE,L!XAAG w
DAK|! ! ! ! ! !DS"DS$"DS<"DST"AO$t"%AAJ IGA"DI" "AO$"%AAJ IGA# DI,#(4D# CBAD ^
CBFKAB4|#8CAAG [
CAHDIA#P*AW
HEl#`RBB B(D0A8IS8A0A(B BBBEHD$\$AO$|$%AAJ IGA$DI$$$%%4%AO$T%%AAJ IGA|%DI%$%%AAJ
IGA%AO%DI&AO$,&%AAJ IGAT&DIl&AO$&%AAJ IGA&DI&AO$&%AAJ IGA'DI,'DID'AO$d'%AAJ
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8F0A(B BBBD`H@)0))))*x$*p<*h,K`LT*BBD A(MP
(F ABBD~
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8C0A(B BBBG4D+@W]DD ^
ABJACBd|+hSBBB B(D0A8JC
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ABEADB,xAO$<,x%AAJ IGAd,DI|,,',',SFa

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GABIAAE,1AH
GL1xd1D _
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AADDCAH23EA[
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Dd$l3-AAO WCA3 <[`3HAY$3H-AAO WCA3P<[`4xAY$,4x-AAO WCAT4<[`l4AY$4-AAO
WCA4Dc`4AY4,AH _C5$5L<5rBBG A(D0f
(D ABBAh(D ABB5am\5BBE A(D0J@
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8D0A(B BBBE$6`YAP nFA$6`YAP nFA$7haAP nFA47P.L7hBdTd7CYV
AFL7rBBE B(D0A8MP
8A0A(B BBBG7*AO
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8C0A(B BBBHD
8F0A(B BBBE[
8A0A(B BBBCt8*AO
HIL8BBE B(F0A8M
8C0A(B BBBEL8`BBE B(F0A8M
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CAH|CA<czGAD A
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8C0A(B BBBA\qX5BBE B(D0A8Q`fhGpIhA`
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8C0A(B BBBH*8A0A(B BBBtt(@[BBE B(A0A8Dpb
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8C0A(B BBBH8A0A(F BBBLtAsBBD A(G@{
(D ABBDQ(D ABBtt@AUBB B(A0A8DP8C0A(B BBBCHPs8F0A(B BBBL\uARBBB B(A0A8G`
8D0A(B BBBFluBLBE B(D0A8Mp
8A0A(B BBBGv
8A0A(B BBBH<vHBBD A(G0f
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8D0A(B BBBK<dxKKAE Y0] AABE`0x@LDNxHLAP$xHLNDk
AB4yN?BBD A(
ABBH<yPTyPJAg
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ggggg,fDf\ftfffffff4fLfdf|ffxfpfhf`fXf$Pf<HfT@fl8f,0fSBAD t
ABB<`fmBAD G0
AABGP AAB4fAAG0n
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FAEl,g4BBE B(D0A8P@v
8C0A(B BBBFHHUPHHA@V8F0A(B BBBgDL$g{Ad
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8A0A(B BBBHd
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AABFT CABLu[BBE B(D0A8G
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8D0A(B BBBF,XbAG \
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 BBBF<,XBBE A(D0J
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8C0A(B BBBE<hmBBA A(G0R
(A CBBIDBAD F0g
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8D0A(B BBBG\
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8A0A(B BBBGL|BFB B(A0A8DP
8D0A(B BBBALHBBE B(D0A8M
8C0A(B BBBJ\GBBE B(D0A8M \ S C p
8A0A(B BBBD\|BBE B(D0A8MPuXJ`DhQpIPN
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8C0A(B BBBFL,h6
BBB B(D0A8Di
8D0A(B BBBI|XLPBBE B(D0A8M@I
8C0A(B BBBFDmBAD
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8C0A(B BBBD\BBE B(D0A8O@NHJPBXE`V@N
8C0A(B BBBB\BBE B(D0A8O@NHJPBXE`Y@N
8C0A(B BBBG\LHBBE B(D0A8O@NHJPBXE`W@N
8C0A(B BBBA.DL E(I0OTBBE A(D0PkAOA@
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DABGD FABD rTAH OpWxUBBI AABG<,XBBE A(D0J
(D BBBFTlBBE B(D0A8O@NHJP_HA@D
8C0A(B BBBI,AM0k8A@O8A0t
DF<BBE A(D0J
(D BBBF4 LDdBBE A(D0M@j
0C(A BBBA.DL
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8D0A(B BBBKLBBB B(D0A8Dn
8D0A(B BBBD4,8BAD IP
CABG\dBBE A(C0LpC
0C(A BBBJ
0C(A BBBGLPBBE B(D0A8M r
8A0A(B BBBG,D K
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8C0A(B BBBG}
8A0A(B BBBI\
8F0A(B BBBA|<8 BBB B(D0A8G
8C0A(B BBBEe
8C0A(B BBBGU
8F0A(B BBBA,KDD qABItBBE B(D0A8JJQBR[
8A0A(B
 BBBJ{BQAt|BBB B(A0A8GJMER
8A0A(B BBBKPBQA|BBE B(D0A8M`
8F0A(B BBBFw
8A0A(B BBBGm
8A0A(B BBBIttP,BBB B(D0A8SJJBW
8A0A(B BBBKBVAlBBB B(A0A8GS^AK
8A0A(B BBBBHYA$\h?AAI0qAA,AAR0@
AAJLBBE B(D0A8MPX
8A0A(B BBBA 4AMT$AW
HCt$AW
HC$AT
KC'AW
HFDAn
QC$ DAn
QCD@ \H ,tP [AAG b
DAH, [AAG b
DAHl BBE B(D0A8OPYXE`ZXAPV
8A0A(B BBBHV
8A0A(B BBBHDD BBE A(D0G@
0A(A BBBAD!NAD H0h
AABIPC0L"BBE B(D0A8Dp
8A0A(B BBBId$#{BBB B(A0A8F@

8G0A(B BBBE
8D0A(B BBBF%%%&&BDX
Da8&D$0&AAJ i
AAI[
DAHD
FAEl&*TU&*TU&&&&&&,&D&\x&tp&h&`&X&P&H&@&8&40&L(&d
&|&&&&%%%$%<%T%l%%%%%%%,%D%\x%tp%h%4`%pBAD l
ABRbCB%LD @
D\%BBD A(I0
(C ABBGe
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CAEI
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BBB B(A0A8D
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8C0A(B BBBBlxD'A\D<Ap
GCLDLBBE B(D0A8J\
8C0A(B BBBFdGBBB B(A0A8DP
8M0A(B BBBF]
8C0A(B BBBG4d0IwBDD \
FBBACB4xIwBDD \
FBBACBI I DI/BDA

ABGr
ABK
ABF<LJAAJ x
CAHY
FAHYFADJAAN0L
AABf
AAHS
DAH4LQBAD f
CBFPFB$L'AAL QFAl4LZBBE A(A0G@
0A(D BBBDg
0A(A BBBAm
0C(A BBBALMAAJ0I
FADe
CAGe
CAGT
AAJLPNAAJ0I

FADe
CAGe
CAGT
AAJ<DN8BBD A(R0R
(A ABBETOBBE A(D0J@~
0D(A BBBG`0D(A BBBDxPBAD s
FBFI
ABDbCB$$PKMd
OCELQ&d0Q4|(QzAAJ l
DACe
CAG,pQBAD T
ABB4PRRBAD r
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AAMDCA<TRAAJ0o
FAFe
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AAED
AAJD
CAHSS<SYBBD A(L0b8D@W(A ABBLSLdSBBD A(L0N
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8C0A(B BBBEgBDX
Da<hKAB B(B0B8EEEEEE<@lzAB B(B0B8AEEEEEE<$mAAB B(B0B8EEEEEJd`nz]`XzzaD\dzBBB
B(D0A8JP
8A0A(B BBBDS
8A0A(B BBBC,$|BAD ~
ABHT|l|T|GBC A(D0S(A ABBFP0s(F ABB|2Ab
MA$}-AAJ TGA4$}jRAD G0p
AABFT\H}BBE A(D0I@y
0A(A BBBHD
0F(A BBBG}6TR4}[BAA P
ABIrFB$~4AAJ `FA4,(~QAAG f
GAQDCA4dP~gAAG B
FANDAA~f~mAB
EdL0BBF A(V0C
(D ABBCh
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KddBBB B(E0A8RPQ
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BBBG|lBBE B(D0A8G`G
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8A0A(B BBBF<BAA d
CBC
ABGTPRBAC G0
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Dg
Ig$tFN
LPT(BBB B(A0A8GP
8A0A(B BBBBXE`XXAPWA]
Jnl0>BBA A(D@
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8A0A(B BBBHG
8C0A(B BBBEe
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8C0A(B BBBGW
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0C(A BBBF`BK$<<TvBBD A(V0
(D ABBI<0fBBD A(V0
(D ABBE$`D Y
Cw
IAV
I4LBPgdLAF NX?R^
HF$x;AAF nCA<BBD A(I@
(D ABBAL$0(BBD A(F@
(D ABBFG
(D ABBHDtAAR k
DADF
DAEg
DAD49AAI N
GAODCADAAR k
DADF
DAEg
DAD<HT@BDX
DatpDW
EQ$(0(8Ad
KC<HBBD A(V0K
(D ABBE4<}BAD [0h
AABB$t0JFZ
H`XPH@,H4BAD iAB,XA[LXdP#|h<pAAI |

AAGe
CAGeCA \BAA G0j
DABDa
AABKh
DABAh DAB<LHBBD A(O@y
(D ABBFI _P 8dC`LBBB B(D0A8M@
8D0A(B BBBKmAe
J|4@Nv4LAAR {
DADF
DAE\0.BBA A(D0
(D ABBHQ
(D DBBCe
(D ABBB4AAU h
CAE{
FAF4x/AAI Q
FAEDAA4Tp?AAI0^
FAHDAA4xNAAI R
FABbDADWBAD Z
ABLT
ABIACB42AAI R
FABDFAD'DR
JFd.4|BAA ND
AABF0,T WLH'BBG B(A0A8J
8D0A(B BBBE$(yEG@Y
AJ$DyAK0t
AGLlBBB
B(D0A8GL
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(D ABBG`
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0A(B BBBALPBBE B(D0A8Jp
8A0A(B BBBCLBBE B(D0A8GN
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KID A(A0W
(F BBBCd
(F BBBHH0t
,BAE &
ABGLuBBH A(M@
(D ABBED(C ABB$ < LTKBBE B(D0A8P@o
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FdL|SBBE B(D0A8JP

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(C ABBI<hBBE A(D0
(A BBBF\8BBD A(I`_
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0A(A BBBGX
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0C(A BBBC
0F(A BBBA\ BBD A(I@
(D ABBFU
(D ABBBO
(D ABBH4L!=AAG@
DAE{
DAHL"BBD A(G@u
(A ABBEq
(C ABBGl0#KBD A(M0(A ABBAH0X
(A ABBJD
(F ABBALD$VBBD A(IPe
(C ABBAz
(C ABBFL%
BBB B(A0A8DI
8C0A(B BBBE<00BBD A(J`
(A ABBI$$2iCU
HV
JS
EL2*TUd2*TU|2222222$2<2T2l2222L2BBB B(A0A8Dpj
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B(D0A8DPy
8D0A(B BBBF<BDX
Da|(={ BBB B(A0A8JT
8A0A(B BBBFU
8G0A(B BBBCI
8C0A(B BBBK\(F t0F$(FJAAJ vFAPFa4@GAAX
DACO
DADH$H<H TH 4lHVAAG U
HAIaCA<HBBE A(D0{
(D BBBE,PIBAD {
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(C ABBFD(C CBB\dJfBE B(D0A8P`8A0A(B BBBAH`0K&HKPKDW4XK\BBD A(G0E(A ABBDK&<\KBBE A(D0\
(A BBBGHL@L8L0L(L L,LDL\LtLKKKK6,LBDH ~
ABAhL:Fg,<LAAX x

DAIl8M40MzAAV j
FAGeCAxMpM hM`M
XM4PM
LHMd@M
|8M0M
(M M
MM
M$M
<LTL
lLL
LL
LL
LL
,LDL
\L"A\|L'Aa$LA]
B@
HL`MBBB B(D0A8DP
8A0A(B BBBEM*$,MxD\
Hg
Ag,T@NhDAA n
ABILNBBB B(D0A8GW
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8D0A(B BBBJ$VDBB ILDV*BBE B(D0A8J@
8A0A(B BBBD`lDB B(E0I`l
$Xl`AAI MFALl%
BBE B(A0A8G
8D0A(B BBBDLDpvBBE B(D0A8G`
8D0A(B BBBDLzBBE B(D0A8Gp
8D0A(B BBBDLP}BBE B(A0A8Gp
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FBGbCB,xE
A\LHBEA A(D0b
(F ABBFZ
(C ABBFe
(C ABBATk
JBB B(A0A8F

8A0A(B BBBGZAL
KAT$ BAA D0
CABGF
EABJ
CABC|xiAg<BBA A(DPQ
(C ABBE,hA}
By
GD
D{< HBBD A(F@
(A ABBDdL <BBE A(D0h

(A BBBCM
(A BBBDD
(A BBBE4 BDH
FBFACBT xBBBE B(D0A8JPw
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p3BBE B(D0A8M@P
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8A0A(B BBBGT
0BBE B(D0A8M`AhBpVhA`Y
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B(A0A8L0A(B IXEDBBI B(A0A8L0A(B IXEP$hDFE Ih$pDF ILDmAAB B(B0B8KL8B0B(B BAALAAB
B(B0B8K8B0B(B BAA,@bBBB VBB,*a
AAVw#g*DDC
$D`."C
AADC
,lx4-!C
AAVw#!GDC
<HWkS

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gs4i=C
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4,w
C
AABBBh
DDDDC
LduBBH A(M@
(D ABBED(C ABBdKID A(A0W
(F BBBCd
(F BBBHH0(
,4 BAE \
ABIdB,|h'a
AAVw#'DDC
$8C
AADC
, C
AAVw# GDC
D`M
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DLC
AABBBBdw#oDDDDDDC
DC
AABBBBdw#GDDDDDC
HNNdKID
A(A0W
(F BBBCd
(F BBBHH0t0(
, BAE
ABH4!`BBH A(M|(D ABB4(!`BBH A(M|(D ABBDP!D\H!(@
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D8C
AABBBBsw#GDDDDDC
DGC
AABBBBsw#/GDDDDDC
4@YLYdPZ|ZL`[BAE
ABB
ABG
CBJ dddKJB A(D0
(A BBBGHP0R
(F BBBBde|e
4efBBH A(P(D ABB4efBBH A(P(D ABB ff4fuLxfddgBBE B(D0A8GP(
8A0A(B BBBAU
8A0A(B BBBG$8h3QAAPjHjT$@jGBC A(D0S(A ABBFP0s(F ABB|hj2Ab
MA$j-AAJ TGA4jjRAD G0p
AABFjBBE A(D0I@`
0A(A BBBAX
0C(A BBBFU

0A(A BBBKD
0F(A BBBG4@kBBAD f
ABHAFB<XkBAD G0s
AABKp AAB$k4AAJ `FA4$kQAAG f
GAQDCA4\kgAAG B
FANDAAT lJAV o
IAFVIAP ^
HAIDFAlmAB
EdLlHBBF A(V0
(D ABBCh
(D ABBG\mtmmmmBBB B(D0A8GP
8C0A(B BBBIz
8F0A(B BBBGe
8C0A(B BBBGe8C0A(B BBBdT nEBBB B(D0A8GP]
8C0A(B BBBC8F0A(B BBB\ o*BBE B(A0A8JQ
8D0A(B BBBKJ[A\!vBBE B(D0A8J
8D0A(B BBBBH[C|!|BDX
Da|!(}8BAA D0{
AABI^
FABIK
FABD|
FABCk
AFBDK
FABD$"~SAAD JAA,D" AP0^
GJW
DE,t"AP0^
GJW
DE"l"BBE A(A0D_
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0A(A BBBEi
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GdD#8BAD
ABAf
CBEbCBL<$3BBB
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BBE B(D0A8D`Z
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(F BBBHH0'X

,'PBAE
ABE,':BAF (FBD(
BBI B(A0A8
0A(B ~EBD\(
BBI B(A0A8
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0D(A BBBDD
0F(A BBBGLL*xEBH D(A0M
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DAIFDA,0AD `
AJF
FD,0hAD
`
AJF
FD1($104<1(\AAD z
DAKFDAt1P#1h+QY1x:Fh41AAX x
DAIz
DAAL2@BBE B(D0A8PPz
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0C(A BBBFS
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AFDCd48BBE B(D0A8D`j
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AADL
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0D(A BBBH6p`6(<FjH7H&IN4$7`BAD {
ABKs
ABJ\7}AP
Gl|7H
BBB B(A0A8J^H^BL
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8C0A(B BBBI@
8C0A(B BBBDm
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eAX X
AF8
_AB
E8
A]8
BDX
Da9)Dd$90RR<9xLT9pBBI B(D0A8U
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Ig
A:
,:
$D:2AAG dCA$l:mAX `
AF:`<[`$:eAX X
AF$:eAX X
AF$:eAX X
AF$$;`eAX X
AFL;d;$|;D c
Ig
Io;;D q
Ko
A;;EAV
Id<,<EAV
IdL<d<EAV
Id<@<HEAV
Id$<xFP
JPH,< AAG z
DAH=#P@N$,=eAX X
AF,T=mAAV0a

AAEL=0>BBB B(D0A8V@
8D0A(B BBBH,= sAAX g
DAJ>p>x4>pL>hd>`|>X>P<>HBDH J
ABEL
ABA>?\?BBE A(D0h
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d@
|@
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@
@
A\$ABBF
A(G0V
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AHe
CHe
CH4JPDU
GN
B|
DO
Aj
FC,KmAAK o
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C4KBDH _
FBKCB4LAAV T
CAH
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CAGB
CAJ,L EDA r
ABA,Lp mEDA y
ABJ4L BAD D0y

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CAJDTM! EDD v
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DADBCAO(BDX
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BBBF
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AACOCALV(4zD |
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FBDIAB,W6{AD F
CBD
FFW6&Ad<X6BAC M0`
FABDF CAB\X87tX07X(7dX07BBE B(A0A8J
8D0A(B BBBJ'JUDWYG
4$YGbBAF f
ABFfAB\YG,tYG,BAD aABYGYGYGYG4ZGjBAF i
ABKfAB<ZG4TZGjBAF i

ABKfABZG4ZGjBAF i
ABKfABZ(H4Z HjBAF i
ABKfAB,[XH4D[PHjBAF i
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ABKfAB,]ID]I\]I*F\F|]I]I]I]I]I]I ^xIDS$^I <^xIT^pIl^hI^`IL^XIBBB B(A0A8D`
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8A0A(B BBBF<_@LEEB D(D0|
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8C0A(B BBBHL$`M,BBB B(A0A8G t
8D0A(B BBBF\t`RBBB B(A0A8JdD_AI
8A0A(B BBBAL``XkBBB B(D0A8Lp
8C0A(B BBBK$a[XK X
EoDa[9o\a[ta[a[a[a[a[a[rFbb*FXd,b(\WEBB A(A0
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8D0A(B BBBF$b0aLAh
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8A0A(B BBBCd
8C0A(B BBBHLtcbBBB
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8A0A(B BBBALcdBBB A(D0T
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(A BBBG
(F BBBALXBBA A(G0e
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8C0A(B BBBDi
8C0A(B BBBC4XJXBAD \
ABJbCB<JkBAD F0N
AABAD CABL4JBBE A(D0L
(C BBBEM(A BBB,JeAAI g
DAI40K{BAD y
ABEoAB\xKBBB B(D0A8F`$
8D0A(B BBBDEhDpihA`LLMBBI B(H0A8IPU
8A0A(B BBBHhM`MXM@NHN@NyTT,NJBBB
A(A0D@j
0A(A BBBB
0F(A BBBHObFQ,PBAA v
ABC,PQAG c
AABdQ!BBE B(D0A8Dp
8A0A(B BBBH
8F0A(B BBBALlhVEBE A(A0
(C BBBK
(F BBBGWWW,XAAD @
DAE,4`XAAD @
DAELdXAAG0
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DADr
DAA\
DAG4@ZbLAD I0} AABE4xZpAo
Hj
ACJ [CA
A<$[hAAJ X
FAEK(J0Y(A FAAdd[BBI B(F0A8D`
8A0A(B BBBK
8C0A(B BBBB,x`DBAD yAB`<`BBD A(C0
(D BBBALTpaBBI B(D0A8O@
8D0A(B BBBC$cIAAP qDA,(c_BAD TABLXcRBBB B(A0A8Dp#
8D0A(B BBBBLhfBBB B(A0A8D`
8A0A(B BBBFb
8C0A(B BBBJ
8A0A(B BBBBj
8A0A(B BBBDDhKBD A(J0q
(A ABBE{D,iBBB A(D0O`
0A(A BBBHLtjKBB A(A0G@
0A(A BBBKe<pkfBAD D0u
DABIL FABTkBBG A(D0DP
0D(A BBBJc
0D(D BBBG\\XlKBE D(A08H@Q8A0V
(F BBBGY(C BBBAmBDX

DahmC q4,~:AAI N
CACSAA$d'AAM IGA4AAX s
FADeCAL`BBB B(A0A8FP
8C0A(B BBBHLBBB B(A0A8FP
8C0A(B BBBH4d FAG yFABH dxBBE B(D0A8IPg
8D0A(B BBBC
8A0A(B BBBJ,|BAD N
ABH,LdAAG {
AAJ,|XdAAG y
AAD4yAAL S
DAJDCAbFTF 0
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AAG$d CAAG wAA$ (CAAG wAA PsAqt dBBB B(A0A8N@
8A0A(B BBBEZ
8F0A(B BBBGT8A0F(B BBB,L!AAG
JAQ4|!xAAJ0{
DADW
AAG! :D \
HO!@'$!XqAAK ZDA"ab
Eb44"@AAG f
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8C0A(B
 BBBG#,#x)Da,D# AAG t
AAA,t#pAAG@
AAH#L#BBE A(D0k
(A BBBH
(A BBBBD$h'AAT0k8K@Z8A0o
CAFf
CAFLT$PBBB B(D0A8DP
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CABE|*4*GBAD S
CBA`DB4*QAL0]
DAHD
CAH$+ GQAL0fAA$,+HIQAM0gAA4T+pGBAD S
CBA`DBT+LBAD D0m
DABA]
AABGP
DABA+$+x'AAM UAA,$,FBDA rJB,T,uAAV0f
AAH,,XK X
Eo,8l,@BBD A(J0C
(A DBBAQ
(D ABBFD

(C ABBDI(D ABBD-\-x,t-FBAD {AB---"-Dt
H.(<$.AAX Q
CAA|
CAHeEA,d.P3BHA $AB.`^A\.r.<.YBBE D(A0V
(D BBBB4$/ BBA A(G0(A ABB\\/S BBE B(A0A8IJTA{
8D0A(B BBBB\/BBE B(A0A8GI
8A0A(B BBBI,LVA0(Okc40`UTL0zBAA G0r
AABGS
AABA
FABF0iDo
Ep0 0(4An0H1@L,1xD1\1xt1pA
LA1 T1h1`1X>1>d2KBE B(A0A8J`Q
8C0A(B BBBCH`dt2PBBE B(A0A8DP%
8A0A(B BBBHw
8F0A(B BBBB2dBBB B(D0A8M!E
8A0A(B BBBG!Z!M!A! !K!X!B!B!b!L!A!\d3BBB B(A0A8JGUAz
8C0A(B BBBE\3
BBB B(D0A8J@
8D0A(B BBBALQB$4/<4
T4$l4,AAJ]AA44!A_,4BAD M
ABI\4XLBBE B(D0A8G@
8F0A(B BBBFo8C0A(B
BBB\5H)AM
BX4|5XtBBD A(D0[(F ABB5.Al5;,5RGAE uABK6$46D
FR
FE4\6{AAJ x
FAEfCA60?A}d6P$BBE B(D0A8J
8A0A(B BBBEBAGN\7BBE B(D0A8Gp7xKEEXp\
8C0A(B BBBE|7xb7 RBB B(D0A8JP
8G0A(B BBBJu
8A0A(B BBBID
8C0A(B BBBHL8hsBBE A(D0
(A ABBJK
(A FBBJLl8BBE B(A0A8G
8D0A(B BBBDL8BBG B(A0A8GZ
8A0A(B BBBFl9XBBG B(H0A8MKUA
8A0A(B BBBDKUFL|9$BBB B(A0A8JY
8D0A(B BBBFl9WBBI B(H0A8M`
8A0A(B BBBFahIpWhB`8F0A(B BBB<:HLT:`zBBB B(A0A8JB
8D0A(B BBBE:h::`:=;@?Dd
HNL$;`tBBB B(A0A8Ge
8A0A(B BBBHLt;-BBE B(G0A8D`
8C0A(B BBBJ; 1IAG\;P1.BBB B(G0A8GX
8D0A(B BBBDNLUAD< 6IAG4d<P6AAG C
FAEhCA<<6AAJ0`
FAE`
CADpAAL<H7dBBD A(G@D
(C ABBD

(A CBBIL,=h8BBE B(D0A8NPM
8D0A(B BBBHL|=9(BBB B(D0A8J
8A0A(B BBBA=;=;=;>;
,>;$D>;OPWIHVl>;_RH>@<>8<>0<+>H<TAD
KC><XwA$?>Ao
Hz4??JL??$d?@_AP`X
AFL?@BBI B(H0A8Mp
8D0A(B BBBJ?A?AFadL@ABBB B(D0A8Gp}
8A0A(B BBBE4d@pFAAG0n
AAG
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AAG0Y
CAJ8W@I8A0@H,@HZHA T
ABF4AIaBBD A(M0C(A ABBTTAPIBBD A(M@rHBPdHA@P
(A ABBK^HDPfHA@TAIBBD A(M@rHBPaHA@P
(A ABBF^HDPcHA@BJi4BJNAA ABJH LTBKBBE B(D0A8J`
8D0A(B BBBB$BMuAD
L
AF<B8NBBD A(G@
(A ABBC,COAAG0
AAKT<CXPnBBB A(D0D@
0C(A BBBDj
0A(C BBBD,CpRDAAD c
DABDCR QBD A(Q@m
(A ABBD<Dh[NDH J0
AABIH$LDbAG z
AE4tDpcBAD
ABMIFBLD8dAAU0V8W@J8A0o8K@Z8A0o
CAIU
CAG$De]AAV BAAT$E@eyMBA A(J
(A ABBIxHT|Ehi`BBI A(D0I@
0D(A BBBDl
0F(A BBBGEpp;KodEpEEE D(C0w
(C BBBJX
(A BBBA
(D BBBD,TF@rAAG0h
CAKFr,FrAAD0n
CAHFs7R]
AF8sAj
E<GsKBH A(O0n(A ABBGLGhtaLlGHuBBI B(F0A8L@
8D0A(B BBBALGyEBB A(A0p
(A BBBF_
(C BBBHDHypGAD J0j AABDH0[AAB4THyAAD @
DAEb
CAJH(zAM
BNlH(zKBA A(H0
(C ABBDR
(F ABBC`H0(F ABBI{4IP|LLIH|nBBA A(D0

(C ABBEe
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(D ABBA$I~-AAJ ^AA$J~-AAJ ^AA,J~DJ~$\J~-AAJ ^AAJ$J~-AAJ ^AAJJCDJ@FAJ0y
FAGUCAGH0TAAD<KFAJ0y
FAGUCAGH0TAADKFAJ0y
FAGUCAGH0TAADKHFAJ0y
FAGUCAGH0TAA\LBBB A(A0G@8
0D(A BBBFP
0D(A BBBELtL0`BBB B(D0A8NP
8D0A(B BBBGLL@cBBE B(A0A8J
8C0A(B BBBKLM`BBB B(D0A8D`
8C0A(B BBBJ,dMPDAC n
FBBM (DY JM0+D\ JM@$MHAG q
AFDCN0,N8$DN0AAD FAlN4N7AJp[
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CHADNBBF B(A0A8
0A(B BBBKLOpBBE A(D0
(J BBBFA(C BBBLTOBBD A(G0O
(F ABBFw
(C ABBALOqBBE B(A0A8D`
8A0A(B BBBAdOBBB
B(H0A8RPf
8A0A(B BBBEF
8A0A(B BBBAd\P BBB B(A0A8Dp
8F0A(B BBBH
8C0A(B BBBIPPDIPDM\QBAD G0L
LABGD
FABCD
CABFT AAB\lQ(BAD G0U
RABHD
FABCD
CABFT AAB\Q BBB B(D0A8G
8D0A(B
BBBF$]FBIFADVFADVFADVFADVFADbyAAEZFADVFADVFADVFADVWEADWFADVFADVFADYEAD
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8D0A(B BBBBS(SSS(IIS(T0T(L4T kKBD A(G0r
(A ABBGD(C ABBDT@#RPTXTPDTXKAC ABHP b
FBFU,UDU\U(Af|UU4UUUU`Vh
4$V`+BAA D@j
AABJ\VX(Dc4tVpYAAQ l
DALFAA4VYAAQ l
DALFAAVPDd
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ABESAB|WR\ i
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AGWh&MN,WVFAO rDACDXAAJ F

AAD_
AAGM
FADLXXFdXF|X5$X?AAO hDA$X?AAO hDA<X VBBD A(K0r
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AHLYLdY` BBD A(G0
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ABG<D\KBE A(R0H(K ABB\@\8 4\0AAG Q
AADiFA\]]BDX
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AH](6]P^H$^@,K`<^XT^P]^HDI^@^8^0^(^ @d [^7Aq_(344_PxEAA y
FBHbCBl_BFq4_AG N
FDe
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 cFA,t` QAG
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ZHA
ABGaaaa4aKAD X
ABEWT,bOBE B(D0A8P@
8A0A(B BBBGGbLbZBBB B(A0A8DB
8A0A(B BBBFdb-BBE B(E0A8LP|
8A0A(B BBBEe
8C0A(B BBBGTcplchc`cXcP$cH AAJ QAA$c@HAAJ yAAdh4d`\LdhBBD A(J0A
(G ABBHl
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FBHbCB<,ehBAD W
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(D BBBGl34mSFAF p
AAADCAH<m(4Tm0BDE Y
ABIdAB4mBAD m
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8A0A(B BBBKD
8C0A(B BBBHW8D0A(B BBB<n3Tn6Lln8#BBE B(D0A8G
8A0A(B BBBDnn n4oBAD J
ABDbFB4<ohBAD J
ABDbFBtoo5o8oo,oaAG KADpAAD
DAGW
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DAEdp |ppppppq$q<qTqlqqqhdR
Jgq6dq0ZBA A(I0IX0
(A ABBHv(D ABB<rTr\lrxBBF A(D0|
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FJr8,K`sP,sH,K`Ds`\stslAjs s(s0s8s@tH$t@<tH<TtPBAF J
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7UAD ABGH iCB$v0 <v(AA\vXAA|v vvxvpvhv`w$w(Dc$Dw5QAN MFAlwwwww$w AAJ QAAx,AG
[D,x,DxQAG _
AAFtx@
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ABFbCBDxBGA }
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CAGg
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CAE,|XSAAJ o
AAC<|DA~\|&AN
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II4}BBB A(A0DP
0D(A BBBAR
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ABL}xBBE B(D0A8GPe
8D0A(B BBBG<~(T~ l~~~~~~~,D\t4L|dBBB B(A0A8GPW
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(C ABBIg(C ABB,4 AAD
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ABBFP0@,m,;AV
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8A0A(B BBBHe
8C0A(B BBBGh8C0A(B BBBt-\BE B(D0A8Dp08F0A(B BBBCHpj8C0A(B BBBt|/BBE A(D0D
(C BBBEb
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(F BBBAc
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8A0A(B BBBG{
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CAGQAAL=BAA D0|
CABF
FABHK AFB\L>BBD A(M@f
(A ABBF
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(C ABBB
(C ABBHg
(C ABBA<HADBBD A(I0z
(D ABBK4LXBtAAL0p
CAFgCA\BBAA D0\
AABHe
CABET
CABFe CAB<0CcBBD A(I0o
(C ABBG4$`DlAAI0p
CAAgCAL\DAAD@
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CAGe
CAG<EcBBD A(I0o
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CAFgCA\JBAA D0\
AABHe
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CABFe CAB<\xKcBBD A(I0o
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8D0A(B BBBDL8`hBBD A(O0r
(C ABBFD(F ABBX`P`,H`$D@`<A
GF
JlXa`ahaL`aBBB B(D0A8GPB
8C0A(B BBBFcaL$dBBD A(X0T
(D ABBBg(D ABBtPh
LHhBAD G0
AABEp
CABB@

CAB4iaAJ DAV ,pjZZAD
ABCDk$\k?AAG pDA<kBBB A(D0M
(C BBBGD oJBBE A(D0J
0D(A BBBE\(pnBBB A(D0G@
0D(A BBBAf
0D(D BBBEl8sc` t(t tt ttt,t
Dt4\soAAV v
DAEOFA0t(t t(t tt<$ tBAD X
ABF\
ABIdt|xtc``u*xuu
xuuduBBB A(C0I
(C BBBDg
(A BBBB]
(C BBBJ$tvvAAD@mAAhvVYO
He$vgAAJ XAAvvv,vDv\vtvvvv4vAAM0j
AAEi
AAEw$w4<vBAD h
ABFQABtPwXwPwHwPwXw.DL E(I0Ohw.DL E(I0O,xw\AW
HLyVAW
Hl{&|&(| ~d(KBB A(D0G@0A(A BBBBH@gHDPWHA@44zBAD B
ABDfAB<lbBD A(N0o
(A ABBD$<<BAD h
CBDF
ABG|h7Au<Az<AzA8.AlHBBD A(G@
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(A CBBFS
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(C ABBCi
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CIP fD _
E]4,x]AAJ Y
AAIhCA,dJG f
AHkFGH TkBD A(A0GP0A(A BBBGHPYawXHQv,ZDDQ
K~dd`BBE B(D0A8M`
8C0A(B BBBHD
8F0A(B BBBE|BBE B(A0A8D
8C0A(B BBBA
8C0A(B BBBAf8F0A(B BBBdDBF B(A0A8H@i
8O0A(B BBBGD
8F0A(B BBBEDHHPRHA@D8A0A(B BBBdBBB B(D0A8IPR
8C0A(B BBBD^
8F0A(B BBBK4TpmRBD A(K0B(A ABBL9BBE B(D0A8Q`
8A0A(B BBBGdBBB B(D0A8MA]DN_
8D0A(B BBBI,DTAT v
AAGP4t`UAD }
ABF,(SAT v
AAH@4UAD @
ABCd`JSBE A(D0D@0A(A BBBKH@T0F(A BBB\|HBBG A(A0D@I

0A(A BBBFL
0F(A BBBA\BBD A(G0&
(C ABBBD
(F
 ABBAD(F ABB<<JAD L0M
AABD`L|[BG B(A0A8RPD
8A0A(B BBBH<hvAT tCAEH WFAB4yAT GAAIH H<D(BBB A(D0c
(A BBBK4OAT t
CADWFAB,YAT v
AAJ4XtAAT G
CAGDFA4$BAD I0
AABB,\BAD X
ABFDXBBG A(D0OPV
0A(A BBBC,AAI ~
CAC\BBB A(D0J
0A(A BBBDQ
0F(A BBBJ4dpeBAA I0
CABD'BBB B(A0A8Dp

8C0A(B BBBIa
8A0A(B BBBExHBDVpNxHBIXp4,HPAT GAABH LdBBB B(D0A8G@R
8D0A(B BBBE$ DE
Gg
Ig
ITBAA a
ABHr
ABKi
ABDi
ABDL4BBB B(A0A8G@D
8C0A(B BBBGL AAJ0D
FAIp
AAFp
AAFhCA,P{
Eg
IpPU|NBE A(D0O
(A BBBHr8I@Z8D0A(A BBBGP0L
(C BBBKL]AAD0;
CAKj
CABj
CABj
CABL|BBD A(D0n
(C ABBEh
(C ABBH<$HBBA A(G0Y
(A ABBDd3|,$0DD
Hg
IglBBB A(A0GPG
0A(A BBBB
0C(A BBBJR

0C(A BBBD<,(BBA A(G0J
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8A0A(B BBBG|UBBB B(A0A8DHDD[H
8C0A(B BBBDD
8F0A(B BBBEL<BBD A(I0|
(F ABBGS(F ABB<BBI A(C0F
(A BBBJLHWRBE B(H0A8TP
8A0A(B BBBDX+Dc4pdL*BBE B(D0A8XP
8A0A(B BBBHL
8C0A(B BBBHLGRBE B(D0A8L@{
8A0A(B BBBGd#BBE B(D0A8XP
8A0A(B BBBHL
8C0A(B BBBHDlhAAG c
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CAD<mBBA A(G0J
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FGpAG$AG0J
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8A0A(B BBBK
8A0A(B BBBJ
8F0A(B BBBA+DbBA A(G0J(A ABBCH0d8BBE B(A0A8D`j
8C0A(B BBBID
8F0A(B BBBETlc`L0BBB B(A0A8Dpw
8D0A(B BBBFLBBB B(A0A8G#4
8D0A(B BBBF$$;AG0K
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****
****
BEGIN src/solaris/native/sun/awt/Xrandr.h
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* $XFree86: xc/lib/Xrandr/Xrandr.h,v 1.9 2002/09/29 23:39:44 keithp Exp $
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*/

END src/solaris/native/sun/awt/Xrandr.h
****
BEGIN src/solaris/native/sun/awt/extutil.h
/*
* $Xorg: extutil.h,v 1.3 2000/08/18 04:05:45 coskrey Exp $
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*
* Author: Jim Fulton, MIT The Open Group
*
* Xlib Extension-Writing Utilities
*
* This package contains utilities for writing the client API for various
* protocol extensions. THESE INTERFACES ARE NOT PART OF THE X STANDARD AND
* ARE SUBJECT TO CHANGE!
*/
/* $XFree86: xc/include/extensions/extutil.h,v 1.5 2001/01/17 17:53:20 dawes Exp $ */

END src/solaris/native/sun/awt/extutil.h
****

BEGIN src/solaris/native/sun/awt/fontconfig.h
/*
* $RCSId: xc/lib/fontconfig/fontconfig/fontconfig.h,v 1.30 2002/09/26 00:17:27
keithp Exp $
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END src/solaris/native/sun/awt/fontconfig.h
****
BEGIN src/solaris/native/sun/awt/list.c
AND src/solaris/native/sun/awt/list.h
AND src/solaris/native/sun/awt/multiVis.c
AND src/solaris/native/sun/awt/multiVis.h
AND src/solaris/native/sun/awt/wsutils.h

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END src/solaris/native/sun/awt/list.c
AND src/solaris/native/sun/awt/list.h

AND src/solaris/native/sun/awt/multiVis.c
AND src/solaris/native/sun/awt/multiVis.h

AND src/solaris/native/sun/awt/wsutils.h

****
BEGIN src/solaris/native/sun/awt/randr.h

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* Author: Jim Gettys, HP Labs, Hewlett-Packard, Inc.

END src/solaris/native/sun/awt/randr.h
****

BEGIN src/solaris/native/sun/java2d/opengl/J2D_GL/glx.h
* Mesa 3-D graphics library
* Version: 4.1
*
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Google Test llvm/utils/unittest/googletest

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---
pyyaml tests llvm/test/YAMLParser/{*.data, LICENSE.TXT}

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* Colin Plumb's implementation has been reused; this comment merely compares
* the properties of the two independent implementations.
*
* The primary goals of this implementation are portability and ease of use.
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UnicodeCaseFold.cpp

// This file was generated by utils/unicode-case-fold.py from the Unicode
// case folding database at
//   http://www.unicode.org/Public/9.0.0/ucd/CaseFolding.txt
CaseFolding-9.0.0.txt
Date: 2016-03-02, 18:54:54 GMT

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---
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Google Benchmark source code v1.4.1

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---

libazintercept.so uses hdr_histogram:

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ZLIB Compression Library

/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.1, November 17th, 2003

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Jean-loup Gailly jloup@gzip.org
Mark Adler madler@alumni.caltech.edu

*/

XML C Parser (Libxml2)

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text language where semantic and structure are added to the content using
extra "markup" information enclosed between angle brackets. HTML is the most
well-known markup language. Though the library is written in C a variety of
language bindings make it available in other environments.

Libxml2 is known to be very portable, the library should build and work without
serious troubles on a variety of systems (Linux, Unix, Windows, CygWin, MacOS,
MacOS X, RISC Os, OS/2, VMS, QNX, MVS, ...)
Libxml2 implements a number of existing standards related to markup languages:
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Namespaces in XML: http://www.w3.org/TR/REC-xml-names/
XML Base: http://www.w3.org/TR/xmlbase/
RFC 2396 : Uniform Resource Identifiers http://www.ietf.org/rfc/rfc2396.txt

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XML Pointer Language (XPointer) Version 1.0: http://www.w3.org/TR/xptr
XML Inclusions (XInclude) Version 1.0: http://www.w3.org/TR/xinclude/
ISO-8859-x encodings, as well as rfc2044 [UTF-8] and rfc2781 [UTF-16] Unicode encodings, and more if using iconv support
part of SGML Open Technical Resolution TR9401:1997
XML Catalogs Working Draft 06 August 2001: http://www.oasis-open.org/committees/entity/spec-2001-08-06.html
Canonical XML Version 1.0: http://www.w3.org/TR/xml-c14n and the Exclusive XML Canonicalization CR draft http://www.w3.org/TR/xml-exc-c14n
Relax NG, ISO/IEC 19757-2:2003, http://www.oasis-open.org/committees/relax-ng/spec-20011203.html
W3C XML Schemas Part 2: Datatypes REC 02 May 2001
W3C xml:id Working Draft 7 April 2004
In most cases libxml2 tries to implement the specifications in a relatively strictly compliant way. As of release 2.4.16, libxml2 passed all 1800+ tests from the OASIS XML Tests Suite.
To some extent libxml2 provides support for the following additional specifications but doesn't claim to implement them completely:
Document Object Model (DOM) http://www.w3.org/TR/DOM-Level-2-Core/ the document model, but it doesn't implement the API itself, gdome2 does this on top of libxml2
RFC 959 : libxml2 implements a basic FTP client code
RFC 1945 : HTTP/1.0, again a basic HTTP client code
SAX: a SAX2 like interface and a minimal SAX1 implementation compatible with early expat versions
A partial implementation of XML Schemas Part 1: Structure is being worked on but it would be far too early to make any conformance statement about it at the moment.
Separate documents:
the libxslt page providing an implementation of XSLT 1.0 and common extensions like EXSLT for libxml2
the gdome2 page : a standard DOM2 implementation for libxml2
the XMLSec page: an implementation of W3C XML Digital Signature for libxml2
also check the related links section below for more related and active projects.
Logo designed by Marc Liyanage.
Daniel Veillard

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iconv (Charset Conversion Library) v2.0

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XFREE86-COMMON
http://packages.debian.org/stable/x11/xfree86-common.html
Source Package: xfree86
Obtained from: XFree86 CVS repository (anoncvs@anoncvs.xfree86.org:/cvs)
Release tagged xf-4_3_0
Upstream author(s): The XFree86 Project, Inc., et al.
Debian package author(s): Stephen Early, Mark Eichin, Branden Robinson,
ISHIKAWA Mutsumi, Daniel Stone

Debian modifications
to upstream sources:
The following files were removed from the source package due to failure to
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Software have been modified.
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xc/fonts/scaled/Meltho/README
xc/fonts/scaled/Meltho/SyrCOMAdiabene.otf
xc/fonts/scaled/Meltho/SyrCOMAntioch.otf
xc/fonts/scaled/Meltho/SyrCOMBatnan.otf
xc/fonts/scaled/Meltho/SyrCOMBatnanBold.otf
xc/fonts/scaled/Meltho/SyrCOMCtesiphon.otf
xc/fonts/scaled/Meltho/SyrCOMEdessa.otf
xc/fonts/scaled/Meltho/SyrCOMJerusalem.otf
xc/fonts/scaled/Meltho/SyrCOMJerusalemBold.otf
xc/fonts/scaled/Meltho/SyrCOMJerusalemItalic.otf
xc/fonts/scaled/Meltho/SyrCOMJerusalemOutline.otf
xc/fonts/scaled/Meltho/SyrCOMKharput.otf
xc/fonts/scaled/Meltho/SyrCOMMalankara.otf
xc/fonts/scaled/Meltho/SyrCOMMardin.otf
xc/fonts/scaled/Meltho/SyrCOMMardinBold.otf
xc/fonts/scaled/Meltho/SyrCOMMidyat.otf
xc/fonts/scaled/Meltho/SyrCOMNisibin.otf

xc/fonts/scaled/Meltho/SyrCOMNisibinOutline.otf
xc/fonts/scaled/Meltho/SyrCOMQenNeshrin.otf
xc/fonts/scaled/Meltho/SyrCOMTalada.otf
xc/fonts/scaled/Meltho/SyrCOMTurAbdin.otf
xc/fonts/scaled/Meltho/SyrCOMUrhoy.otf
xc/fonts/scaled/Meltho/SyrCOMUrhoyBold.otf
xc/fonts/scaled/Meltho/license.txt

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xc/fonts/scaled/TTF/luximb.ttf
xc/fonts/scaled/TTF/luximbi.ttf
xc/fonts/scaled/TTF/luximr.ttf
xc/fonts/scaled/TTF/luximri.ttf
xc/fonts/scaled/TTF/luxirb.ttf
xc/fonts/scaled/TTF/luxirbi.ttf
xc/fonts/scaled/TTF/luxirr.ttf
xc/fonts/scaled/TTF/luxirri.ttf
xc/fonts/scaled/TTF/luxisb.ttf
xc/fonts/scaled/TTF/luxisbi.ttf
xc/fonts/scaled/TTF/luxisr.ttf
xc/fonts/scaled/TTF/luxisri.ttf

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xc/fonts/scaled/Type1/cour.afm
xc/fonts/scaled/Type1/cour.pfa
xc/fonts/scaled/Type1/courb.afm
xc/fonts/scaled/Type1/courb.pfa
xc/fonts/scaled/Type1/courbi.afm
xc/fonts/scaled/Type1/courbi.pfa
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xc/fonts/scaled/Type1/l047013t.afm
xc/fonts/scaled/Type1/l047013t.pfa
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xc/fonts/scaled/Type1/l047016t.pfa
xc/fonts/scaled/Type1/l047033t.afm
xc/fonts/scaled/Type1/l047033t.pfa
xc/fonts/scaled/Type1/l047036t.afm
xc/fonts/scaled/Type1/l047036t.pfa
xc/fonts/scaled/Type1/l048013t.afm
xc/fonts/scaled/Type1/l048013t.pfa
xc/fonts/scaled/Type1/l048016t.afm
xc/fonts/scaled/Type1/l048016t.pfa
xc/fonts/scaled/Type1/l048033t.afm
xc/fonts/scaled/Type1/l048033t.pfa
xc/fonts/scaled/Type1/l048036t.afm
xc/fonts/scaled/Type1/l048036t.pfa
xc/fonts/scaled/Type1/l049013t.afm
xc/fonts/scaled/Type1/l049013t.pfa
xc/fonts/scaled/Type1/l049016t.afm
xc/fonts/scaled/Type1/l049016t.pfa
xc/fonts/scaled/Type1/l049033t.afm
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xc/fonts/scaled/Type1/l049036t.afm
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xc/fonts/scaled/Type1/UTBI____.afm
xc/fonts/scaled/Type1/UTBI____.pfa
xc/fonts/scaled/Type1/UTB_____.afm
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xc/fonts/scaled/Type1/UTI_____.pfa
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xc/programs/Xserver/XpConfig/C/print/models/HPDJ1600C/fonts/9nb00051.pmf
xc/programs/Xserver/XpConfig/C/print/models/HPDJ1600C/fonts/9nb00052.pmf
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xc/programs/Xserver/XpConfig/C/print/models/SPSPARC2/fonts/Times-Italic.pmf
xc/programs/Xserver/XpConfig/C/print/models/SPSPARC2/fonts/Times-Roman.pmf
xc/programs/Xserver/XpConfig/C/print/models/SPSPARC2/fonts/ZapfDingbats.pmf

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xc/programs/Xserver/hw/xfree86/doc/README.DRI
xc/programs/Xserver/hw/xfree86/doc/README.DRIcomp
xc/programs/Xserver/hw/xfree86/doc/sgml/DRI.sgml
xc/programs/Xserver/hw/xfree86/doc/sgml/DRIcomp.sgml

8) The following files contain object code without any corresponding source.

xc/programs/Xserver/hw/xfree86/drivers/mga/mga_ucode.h
xc/programs/Xserver/hw/xfree86/drivers/rendition/v10002d.uc
xc/programs/Xserver/hw/xfree86/drivers/rendition/v20002d.uc
xc/programs/Xserver/hw/xfree86/os-support/shared/drm/kernel/r128_cce.c
xc/programs/Xserver/hw/xfree86/os-support/shared/drm/kernel/radeon_cp.c
xc/programs/Xserver/hw/xfree86/os-support/shared/drm/kernel/mga_ucode.h

(The files r128_cce.c and radeon_cp.c only partially consist of sourceless object code, but because they are not required to build this package, the files have been removed altogether.)

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1.1825 jetty-alpn-server 9.4.28.v20200408

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* org.eclipse.jetty.orbit:javax.security.auth.message

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* org.eclipse.jetty.orbit:javax.mail.glassfish

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

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* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
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org.ow2.asm:asm-commons
org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
 org.apache.tomcat:tomcat-jasper
 org.apache.tomcat:tomcat-juli
 org.apache.tomcat:tomcat-jsp-api
 org.apache.tomcat:tomcat-el-api
 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-api
 org.apache.tomcat:tomcat-util-scan
 org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-el-api

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.1826 utils 0.0.0-20221107191617-1a15be271d1d

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1.1827 zap 1.24.0

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1.1828 scala-reflect 2.13.10

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1.1829 yaml 1.2.0

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1.1830 netty 4.1.86.Final

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Manifest-Version: 1.0
Implementation-Title: Netty/Transport/Classes/Epoll
Bundle-Description: Netty is an asynchronous event-driven network appl

ication framework for rapid development of maintainable high perfo
rmance protocol servers and clients.
Automatic-Module-Name: io.netty.transport.classes.epoll
Bundle-License: https://www.apache.org/licenses/LICENSE-2.0
Bundle-SymbolicName: io.netty.transport-classes-epoll
Implementation-Version: 4.1.86.Final
Built-By: root
Bnd-LastModified: 1670851209269
Bundle-ManifestVersion: 2
Implementation-Vendor-Id: io.netty
Bundle-DocURL: https://netty.io/
Bundle-Vendor: The Netty Project
Import-Package: io.netty.buffer;version="[4.1,5)",io.netty.channel,io.
netty.channel.socket;version="[4.1,5)",io.netty.channel.unix;version=
"[4.1,5)",io.netty.util;version="[4.1,5)",io.netty.util.collection;ve
rsion="[4.1,5)",io.netty.util.concurrent;version="[4.1,5)",io.netty.u
til.internal;version="[4.1,5)",io.netty.util.internal.logging;version
="[4.1,5)",sun.nio.ch;resolution:=optional,org.eclipse.jetty.npn;vers
ion="[1,2)";resolution:=optional,org.eclipse.jetty.alpn;version="[1,2
)";resolution:=optional
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.6))"
Tool: Bnd-2.4.1.201501161923
Implementation-Vendor: The Netty Project
Export-Package: io.netty.channel.epoll;uses:="io.netty.buffer,io.netty
.channel,io.netty.channel.socket,io.netty.channel.unix,io.netty.util,
io.netty.util.concurrent";version="4.1.86"
Bundle-Name: Netty/Transport/Classes/Epoll
Bundle-Version: 4.1.86.Final
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_352
Implementation-URL: https://netty.io/netty-transport-classes-epoll/

Found in path(s):
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-transport-classes-epoll-4-1-86-final-jar/META-INF/MANIFEST.MF
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Manifest-Version: 1.0
Implementation-Title: Netty/Transport/Native/Unix/Common
Bundle-Description: Static library which contains common unix utilitie
s.
Automatic-Module-Name: io.netty.transport.unix.common
Bundle-License: https://www.apache.org/licenses/LICENSE-2.0
Bundle-SymbolicName: io.netty.transport-native-unix-common
Implementation-Version: 4.1.86.Final
Built-By: norman
Bnd-LastModified: 1670855190526
Bundle-ManifestVersion: 2

Implementation-Vendor-Id: io.netty
Bundle-DocURL: https://netty.io/
Bundle-Vendor: The Netty Project
Import-Package: io.netty.buffer;version="[4.1,5)",io.netty.channel,io.
netty.channel.socket;version="[4.1,5)",io.netty.util;version="[4.1,5)
",io.netty.util.internal;version="[4.1,5)",sun.nio.ch;resolution:=opt
ional,org.eclipse.jetty.npn;version="[1,2)";resolution:=optional,org.
eclipse.jetty.alpn;version="[1,2)";resolution:=optional
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.6))"
Tool:
 Bnd-2.4.1.201501161923
Implementation-Vendor: The Netty Project
Export-Package: io.netty.channel.unix;uses:="io.netty.buffer,io.netty.
channel,io.netty.channel.socket,io.netty.util";version="4.1.86"
Bundle-Name: Netty/Transport/Native/Unix/Common
Bundle-Version: 4.1.86.Final
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_252
Implementation-URL: https://netty.io/netty-transport-native-unix-commo
n/

Found in path(s):
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-transport-native-unix-common-4-1-86-final-jar/META-INF/MANIFEST.MF
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Manifest-Version: 1.0

Implementation-Title: Netty/Handler/Proxy
Bundle-Description: Netty is an asynchronous event-driven network appl
ication framework for rapid development of maintainable high perfo
rmance protocol servers and clients.
Automatic-Module-Name: io.netty.handler.proxy
Bundle-License: https://www.apache.org/licenses/LICENSE-2.0
Bundle-SymbolicName: io.netty.handler-proxy
Implementation-Version: 4.1.86.Final
Built-By: root
Bnd-LastModified: 1670851161046
Bundle-ManifestVersion: 2
Implementation-Vendor-Id: io.netty
Bundle-DocURL: https://netty.io/
Bundle-Vendor: The Netty Project
Import-Package: io.netty.buffer;version="[4.1,5)",io.netty.channel;ver
sion="[4.1,5)",io.netty.handler.codec.base64;version="[4.1,5)",io.net
ty.handler.codec.http;version="[4.1,5)",io.netty.handler.codec.socksx
.v4;version="[4.1,5)",io.netty.handler.codec.socksx.v5;version="[4.1,
5)",io.netty.util;version="[4.1,5)",io.netty.util.concurrent;version=
 "[4.1,5)",io.netty.util.internal;version="[4.1,5)",io.netty.util.inte
rnal.logging;version="[4.1,5)",sun.nio.ch;resolution:=optional,org.ec
lipse.jetty.npn;version="[1,2)";resolution:=optional,org.eclipse.jett
y.alpn;version="[1,2)";resolution:=optional
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.6))"
Tool: Bnd-2.4.1.201501161923
Implementation-Vendor: The Netty Project
Export-Package: io.netty.handler.proxy;uses:="io.netty.channel,io.nett
y.handler.codec.http,io.netty.util.concurrent";version="4.1.86"
Bundle-Name: Netty/Handler/Proxy
Bundle-Version: 4.1.86.Final
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_352
Implementation-URL: https://netty.io/netty-handler-proxy/

Found in path(s):
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-handler-proxy-4-1-86-final-jar/META-INF/MANIFEST.MF
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Manifest-Version: 1.0
Implementation-Title: Netty/Resolver
Bundle-Description: Netty is an asynchronous event-driven network appl
ication framework for rapid development of maintainable high perfo
rmance protocol servers and clients.
Automatic-Module-Name: io.netty.resolver
Bundle-License: https://www.apache.org/licenses/LICENSE-2.0
Bundle-SymbolicName: io.netty.resolver
Implementation-Version: 4.1.86.Final

Built-By: norman
Bnd-LastModified: 1670855159282
Bundle-ManifestVersion: 2
Implementation-Vendor-Id: io.netty
Bundle-DocURL: https://netty.io/
Bundle-Vendor: The Netty Project
Import-Package: io.netty.util;version="[4.1,5)",io.netty.util.concurre
nt;version="[4.1,5)",io.netty.util.internal;version="[4.1,5)",io.nett
y.util.internal.logging;version="[4.1,5)",sun.nio.ch;resolution:=opti
onal,org.eclipse.jetty.npn;version="[1,2)";resolution:=optional,org.e
clipse.jetty.alpn;version="[1,2)";resolution:=optional
Require-Capability:
 osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.6))"
Tool: Bnd-2.4.1.201501161923
Implementation-Vendor: The Netty Project
Export-Package: io.netty.resolver;uses:="io.netty.util.concurrent";ver
sion="4.1.86"
Bundle-Name: Netty/Resolver
Bundle-Version: 4.1.86.Final
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_252
Implementation-URL: https://netty.io/netty-resolver/

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* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-resolver-4-1-86-final-jar/META-INF/MANIFEST.MF
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Manifest-Version: 1.0
Implementation-Title: Netty/Common
Bundle-Description: Netty is an asynchronous event-driven network appl
ication framework for rapid development of maintainable high perfo
rmance protocol servers and clients.
Automatic-Module-Name: io.netty.common
Bundle-License: https://www.apache.org/licenses/LICENSE-2.0
Bundle-SymbolicName: io.netty.common
Implementation-Version: 4.1.86.Final
Built-By: norman
Bnd-LastModified: 1670855137664
Bundle-ManifestVersion: 2
Implementation-Vendor-Id: io.netty
Bundle-DocURL: https://netty.io/
Bundle-Vendor: The Netty Project
Import-Package: sun.misc;resolution:=optional,com.oracle.svm.core.anno
tate;resolution:=optional,javax.security.cert;resolution:=optional,or
g.apache.commons.logging;resolution:=optional;version="[1.2,2)",org.a
pache.log4j;resolution:=optional;version="[2.17,3)",org.apache.loggin
g.log4j;resolution:=optional;version="[2.17,3)",org.apache.logging.lo

```
 g4j.message;resolution:=optional;version="[2.17,3)",org.apache.loggin
g.log4j.spi;resolution:=optional;version="[2.17,3)",org.slf4j;resolut
ion:=optional;version="[1.7,2)",org.slf4j.helpers;resolution:=optiona
l;version="[1.7,2)",org.slf4j.spi;resolution:=optional;version="[1.7,
2)",reactor.blockhound;resolution:=optional,reactor.blockhound.integr
ation;resolution:=optional
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.6))"
DynamicImport-Package: *
Tool: Bnd-2.4.1.201501161923
Implementation-Vendor: The Netty Project
Export-Package: io.netty.util;uses:="io.netty.util.concurrent,io.netty
.util.internal";version="4.1.86",io.netty.util.collection;version="4.
1.86",io.netty.util.concurrent;uses:="io.netty.util.internal";version
="4.1.86",io.netty.util.internal;uses:="io.netty.util,io.netty.util.c
oncurrent,io.netty.util.internal.logging,javax.security.cert,reactor.
blockhound,reactor.blockhound.integration";version="4.1.86",io.netty.
util.internal.logging;version="4.1.86",io.netty.util.internal.svm;ver
 sion="4.1.86"
Bundle-Name: Netty/Common
Bundle-Version: 4.1.86.Final
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_252
Implementation-URL: https://netty.io/netty-common/
```

Found in path(s):
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* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-buffer-4-1-86-final-jar/META-INF/maven/io.netty/netty-buffer/pom.xml
*
 /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-codec-4-1-86-final-jar/META-INF/maven/io.netty/netty-codec/pom.xml
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-transport-4-1-86-final-jar/META-INF/maven/io.netty/netty-transport/pom.xml
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-handler-4-1-86-final-jar/META-INF/maven/io.netty/netty-handler/pom.xml
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-codec-http-4-1-86-final-jar/META-INF/maven/io.netty/netty-codec-http/pom.xml
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-codec-socks-4-1-86-final-jar/META-INF/maven/io.netty/netty-codec-socks/pom.xml
No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0
Implementation-Title: Netty/Transport/Native/Epoll
Bundle-Description: Netty is an asynchronous event-driven network appl
ication framework for rapid development of maintainable high perfo
rmance protocol servers and clients.
Automatic-Module-Name: io.netty.transport.epoll.linux.x86_64
Bundle-License: https://www.apache.org/licenses/LICENSE-2.0
Bundle-SymbolicName: io.netty.transport-native-epoll
Implementation-Version: 4.1.86.Final
Built-By: root
Bnd-LastModified: 1670851257748
Bundle-ManifestVersion: 2
Implementation-Vendor-Id: io.netty
Bundle-DocURL: https://netty.io/
Bundle-Vendor: The Netty Project
Import-Package: sun.nio.ch;resolution:=optional,org.eclipse.jetty.npn;
version="[1,2)";resolution:=optional,org.eclipse.jetty.alpn;version="
[1,2)";resolution:=optional
Tool: Bnd-2.4.1.201501161923
Implementation-Vendor: The Netty Project
Bundle-Name: Netty/Transport/Native/Epoll
Bundle-Version:
 4.1.86.Final
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_352
Implementation-URL: https://netty.io/netty-transport-native-epoll/

Found in path(s):
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-transport-native-epoll-4-1-86-final-jar/META-INF/MANIFEST.MF
No license file was found, but licenses were detected in source scan.

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under the License.
io.netty.util.internal.Hidden$NettyBlockHoundIntegration

Found in path(s):
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-common-4-1-86-final-jar/META-INF/services/reactor.blockhound.integration.BlockHoundIntegration
No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0
Implementation-Title: Netty/Codec/HTTP2
Bundle-Description: Netty is an asynchronous event-driven network appl
ication framework for rapid development of maintainable high perfo
rmance protocol servers and clients.
Automatic-Module-Name: io.netty.codec.http2
Bundle-License: https://www.apache.org/licenses/LICENSE-2.0
Bundle-SymbolicName: io.netty.codec-http2
Implementation-Version: 4.1.86.Final
Built-By: root
Bnd-LastModified: 1670851101053
Bundle-ManifestVersion: 2
Implementation-Vendor-Id: io.netty
Bundle-DocURL: https://netty.io/
Bundle-Vendor: The Netty Project
Import-Package: com.aayushatharva.brotli4j.encoder;resolution:=optiona
l,io.netty.buffer;version="[4.1,5)",io.netty.channel;version="[4.1,5)
",io.netty.channel.embedded;version="[4.1,5)",io.netty.handler.codec,
io.netty.handler.codec.base64;version="[4.1,5)",io.netty.handler.code
c.compression;version="[4.1,5)",io.netty.handler.codec.http;version="
 [4.1,5)",io.netty.handler.logging;version="[4.1,5)",io.netty.handler.
ssl;version="[4.1,5)",io.netty.handler.stream;version="[4.1,5)",io.ne
tty.util;version="[4.1,5)",io.netty.util.collection;version="[4.1,5)"
,io.netty.util.concurrent;version="[4.1,5)",io.netty.util.internal;ve
rsion="[4.1,5)",io.netty.util.internal.logging;version="[4.1,5)",java
x.net.ssl,sun.nio.ch;resolution:=optional,org.eclipse.jetty.npn;versi
on="[1,2)";resolution:=optional,org.eclipse.jetty.alpn;version="[1,2)
";resolution:=optional
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.6))"

Tool: Bnd-2.4.1.201501161923
Implementation-Vendor: The Netty Project
Export-Package: io.netty.handler.codec.http2;uses:="io.netty.buffer,io
.netty.channel,io.netty.channel.embedded,io.netty.handler.codec,io.ne
tty.handler.codec.compression,io.netty.handler.codec.http,io.netty.ha
ndler.logging,io.netty.handler.stream,io.netty.util,io.netty.util.col
lection,io.netty.util.concurrent";version="4.1.86"
Bundle-Name:
 Netty/Codec/HTTP2
Bundle-Version: 4.1.86.Final
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_352
Implementation-URL: https://netty.io/netty-codec-http2/

Found in path(s):
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-codec-http2-4-1-86-final-jar/META-INF/MANIFEST.MF
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```
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 ~ under the License.
 -->
```

Found in path(s):
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-transport-native-epoll-4-1-86-final-jar/META-INF/maven/io.netty/netty-transport-native-epoll/pom.xml
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-codec-http2-4-1-86-final-jar/META-INF/maven/io.netty/netty-codec-http2/pom.xml
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-resolver-4-1-86-final-jar/META-INF/maven/io.netty/netty-resolver/pom.xml
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-handler-proxy-4-1-86-final-jar/META-INF/maven/io.netty/netty-handler-proxy/pom.xml
No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0

Implementation-Title: Netty/Handler
Bundle-Description: Netty is an asynchronous event-driven network appl
ication framework for rapid development of maintainable high perfo
rmance protocol servers and clients.
Automatic-Module-Name: io.netty.handler
Bundle-License: https://www.apache.org/licenses/LICENSE-2.0
Bundle-SymbolicName: io.netty.handler
Implementation-Version: 4.1.86.Final
Built-By: norman
Bnd-LastModified: 1670855199960
Bundle-ManifestVersion: 2
Implementation-Vendor-Id: io.netty
Bundle-DocURL: https://netty.io/
Bundle-Vendor: The Netty Project
Import-Package: sun.security.x509;resolution:=optional,org.eclipse.jet
ty.npn;version="[1,2)";resolution:=optional,org.eclipse.jetty.alpn;ve
rsion="[1,2)";resolution:=optional,io.netty.buffer;version="[4.1,5)",
io.netty.channel;version="[4.1,5)",io.netty.channel.socket;version="[
4.1,5)",io.netty.channel.unix;version="[4.1,5)",io.netty.handler.code
c;version="[4.1,5)",io.netty.handler.codec.base64;version="[4.1,5)",i
o.netty.internal.tcnative;version="[2.0,3)";resolution:=optional,io.n
etty.resolver;version="[4.1,5)",io.netty.util;version="[4.1,5)",io.ne
tty.util.concurrent;version="[4.1,5)",io.netty.util.internal;version=
"[4.1,5)",io.netty.util.internal.logging;version="[4.1,5)",javax.cryp
to,javax.crypto.spec,javax.net.ssl,javax.security.auth.x500,javax.sec
urity.cert,org.bouncycastle.asn1.pkcs;version="[1.69,2)";resolution:=
optional,org.bouncycastle.asn1.x500;version="[1.69,2)";resolution:=op
tional,org.bouncycastle.cert;version="[1.69,2)";resolution:=optional,
org.bouncycastle.cert.jcajce;version="[1.69,2)";resolution:=optional,
org.bouncycastle.jce.provider;version="[1.69,2)";resolution:=optional
,org.bouncycastle.openssl;version="[1.69,2)";resolution:=optional,org
.bouncycastle.openssl.jcajce;version="[1.69,2)";resolution:=optional,
org.bouncycastle.operator;version="[1.69,2)";resolution:=optional,org
.bouncycastle.operator.jcajce;version="[1.69,2)";resolution:=optional
,org.bouncycastle.pkcs;version="[1.69,2)";resolution:=optional,org.co
nscrypt;version="[2.5,3)";resolution:=optional,sun.nio.ch;resolution:
=optional
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.6))"
Tool: Bnd-2.4.1.201501161923
Implementation-Vendor: The Netty Project
Export-Package: io.netty.handler.address;uses:="io.netty.channel,io.ne
tty.resolver";version="4.1.86",io.netty.handler.flow;uses:="io.netty.
channel";version="4.1.86",io.netty.handler.flush;uses:="io.netty.chan
nel";version="4.1.86",io.netty.handler.ipfilter;uses:="io.netty.chann
el";version="4.1.86",io.netty.handler.logging;uses:="io.netty.channel
,io.netty.util.internal.logging";version="4.1.86",io.netty.handler.pc
ap;uses:="io.netty.channel";version="4.1.86",io.netty.handler.ssl;use
s:="io.netty.buffer,io.netty.channel,io.netty.handler.codec,io.netty.

util,io.netty.util.concurrent,javax.crypto,javax.net.ssl";version="4.
1.86",io.netty.handler.ssl.ocsp;uses:="io.netty.channel,io.netty.hand
ler.ssl";version="4.1.86",io.netty.handler.ssl.util;uses:="javax.net.
ssl,javax.security.auth.x500,javax.security.cert";version="4.1.86",io
.netty.handler.stream;uses:="io.netty.buffer,io.netty.channel";versio
n="4.1.86",io.netty.handler.timeout;uses:="io.netty.channel";version=
"4.1.86",io.netty.handler.traffic;uses:="io.netty.channel,io.netty.ut
il.concurrent";version="4.1.86"
Bundle-Name: Netty/Handler
Bundle-Version: 4.1.86.Final
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_252
Implementation-URL: https://netty.io/netty-handler/

Found in path(s):
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-handler-4-1-86-final-jar/META-INF/MANIFEST.MF
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Found in path(s):
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-codec-http2-4-1-86-final-jar/META-INF/native-image/io.netty/netty-codec-http2/native-image.properties
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-transport-4-1-86-final-jar/META-INF/native-image/io.netty/netty-transport/native-image.properties
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-codec-http-4-1-86-final-jar/META-INF/native-image/io.netty/netty-codec-http/native-image.properties
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-buffer-4-1-86-final-jar/META-INF/native-image/io.netty/netty-buffer/native-image.properties
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-common-4-1-86-final-jar/META-INF/native-image/io.netty/netty-common/native-image.properties
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-codec-4-1-86-final-jar/META-INF/native-image/io.netty/netty-codec/native-image.properties
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-handler-4-1-86-final-jar/META-INF/native-image/io.netty/netty-handler/native-image.properties
No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0
Implementation-Title: Netty/Codec/Socks
Bundle-Description: Netty is an asynchronous event-driven network appl
ication framework for rapid development of maintainable high perfo
rmance protocol servers and clients.
Automatic-Module-Name: io.netty.codec.socks

Bundle-License: https://www.apache.org/licenses/LICENSE-2.0
Bundle-SymbolicName: io.netty.codec-socks
Implementation-Version: 4.1.86.Final
Built-By: root
Bnd-LastModified: 1670851140833
Bundle-ManifestVersion: 2
Implementation-Vendor-Id: io.netty
Bundle-DocURL: https://netty.io/
Bundle-Vendor: The Netty Project
Import-Package: io.netty.buffer;version="[4.1,5)",io.netty.channel;ver
sion="[4.1,5)",io.netty.handler.codec,io.netty.util;version="[4.1,5)"
,io.netty.util.internal;version="[4.1,5)",io.netty.util.internal.logg
ing;version="[4.1,5)",sun.nio.ch;resolution:=optional,org.eclipse.jet
ty.npn;version="[1,2)";resolution:=optional,org.eclipse.jetty.alpn;ve
 rsion="[1,2)";resolution:=optional
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.6))"
Tool: Bnd-2.4.1.201501161923
Implementation-Vendor: The Netty Project
Export-Package: io.netty.handler.codec.socks;uses:="io.netty.buffer,io
.netty.channel,io.netty.handler.codec";version="4.1.86",io.netty.hand
ler.codec.socksx;uses:="io.netty.buffer,io.netty.channel,io.netty.han
dler.codec,io.netty.handler.codec.socksx.v5";version="4.1.86",io.nett
y.handler.codec.socksx.v4;uses:="io.netty.buffer,io.netty.channel,io.
netty.handler.codec,io.netty.handler.codec.socksx";version="4.1.86",i
o.netty.handler.codec.socksx.v5;uses:="io.netty.buffer,io.netty.chann
el,io.netty.handler.codec,io.netty.handler.codec.socksx";version="4.1
.86"
Bundle-Name: Netty/Codec/Socks
Bundle-Version: 4.1.86.Final
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_352
Implementation-URL: https://netty.io/netty-codec-socks/

Found in path(s):
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-codec-socks-4-1-86-final-jar/META-INF/MANIFEST.MF
No license file was found, but licenses were detected in source scan.

<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">
 <modelVersion>4.0.0</modelVersion>

 <artifactId>jctools-core</artifactId>
 <groupId>org.jctools</groupId>
 <version>3.1.0</version>
 <name>Java Concurrency Tools Core Library</name>
 <description>Java Concurrency Tools Core Library</description>
 <packaging>bundle</packaging>

```
<dependencies>
 <dependency>
  <groupId>org.hamcrest</groupId>
  <artifactId>hamcrest-all</artifactId>
  <version>${hamcrest.version}</version>
  <scope>test</scope>
 </dependency>

 <dependency>
  <groupId>junit</groupId>
  <artifactId>junit</artifactId>
  <version>${junit.version}</version>
  <scope>test</scope>
 </dependency>

 <dependency>
  <groupId>com.google.guava</groupId>
  <artifactId>guava-testlib</artifactId>
  <version>${guava-testlib.version}</version>
  <scope>test</scope>
 </dependency>
</dependencies>
<build>
 <plugins>
  <plugin>
   <groupId>org.apache.maven.plugins</groupId>
   <artifactId>maven-surefire-plugin</artifactId>
   <version>3.0.0-M3</version>
   <configuration>
    <includes>
     <include>*</include>
    </includes>
   </configuration>
  </plugin>
  <plugin>
   <groupId>org.apache.felix</groupId>
   <artifactId>maven-bundle-plugin</artifactId>
   <version>4.2.1</version>
   <extensions>true</extensions>
   <configuration>
    <instructions>
     <Import-Package>sun.misc;resolution:=optional</Import-Package>
    </instructions>
   </configuration>
  </plugin>
  <plugin>
   <groupId>org.apache.maven.plugins</groupId>
```

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   <artifactId>maven-source-plugin</artifactId>
   <version>3.2.0</version>
   <executions>
    <execution>
     <id>attach-sources</id>
     <phase>verify</phase>
     <goals>
      <goal>jar-no-fork</goal>
     </goals>
    </execution>
   </executions>
  </plugin>
  <plugin>
   <groupId>org.apache.maven.plugins</groupId>
   <artifactId>maven-javadoc-plugin</artifactId>
   <version>3.1.1</version>
   <configuration>
    <additionalOptions>
     <additionalOption>-Xdoclint:none</additionalOption>
    </additionalOptions>
    <source>8</source>
   </configuration>
   <executions>
    <execution>
     <id>attach-javadocs</id>
     <goals>
      <goal>jar</goal>
     </goals>
    </execution>
   </executions>
  </plugin>
 </plugins>
</build>

<distributionManagement>
 <repository>
  <id>bintray-jctools-jctools</id>
  <name>jctools-jctools</name>
  <url>https://api.bintray.com/maven/jctools/jctools/jctools-core/;publish=1</url>
 </repository>
</distributionManagement>

<url>https://github.com/JCTools</url>
<inceptionYear>2013</inceptionYear>

<licenses>
 <license>
  <name>Apache
```

License, Version 2.0</name>
  <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
  <distribution>repo</distribution>
 </license>
</licenses>

<scm>
 <url>https://github.com/JCTools/JCTools</url>
 <connection>scm:git:https://github.com/JCTools/JCTools</connection>
 <tag>HEAD</tag>
</scm>

<developers>
 <developer>
  <url>https://github.com/nitsanw</url>
 </developer>
 <developer>
  <url>https://github.com/mjpt777</url>
 </developer>
 <developer>
  <url>https://github.com/RichardWarburton</url>
 </developer>
 <developer>
  <url>https://github.com/kay</url>
 </developer>
 <developer>
  <url>https://github.com/franz1981</url>
 </developer>
</developers>

<prerequisites>
 <maven>3.5.0</maven>
</prerequisites>

<properties>
 <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
 <java.version>1.6</java.version>
 <java.test.version>1.8</java.test.version>

 <maven.compiler.source>${java.version}</maven.compiler.source>
 <maven.compiler.target>${java.version}</maven.compiler.target>
 <maven.compiler.testSource>${java.test.version}</maven.compiler.testSource>
 <maven.compiler.testTarget>${java.test.version}</maven.compiler.testTarget>

 <hamcrest.version>1.3</hamcrest.version>
 <junit.version>4.12</junit.version>
 <guava-testlib.version>21.0</guava-testlib.version>
</properties>

</project>

Found
 in path(s):
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-common-4-1-86-final-jar/META-INF/maven/org.jctools/jctools-core/pom.xml
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 ~ License for the specific language governing permissions and limitations
 ~ under the License.
 -->
```

Found in path(s):
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-transport-native-unix-common-4-1-86-final-jar/META-INF/maven/io.netty/netty-transport-native-unix-common/pom.xml
No license file was found, but licenses were detected in source scan.

```
Manifest-Version: 1.0
Implementation-Title: Netty/Codec
Bundle-Description: Netty is an asynchronous event-driven network appl
ication framework for    rapid development of maintainable high perfo
rmance protocol servers and    clients.
Automatic-Module-Name: io.netty.codec
Bundle-License: https://www.apache.org/licenses/LICENSE-2.0
Bundle-SymbolicName: io.netty.codec
Implementation-Version: 4.1.86.Final
Built-By: norman
Bnd-LastModified: 1670855178734
Bundle-ManifestVersion: 2
Implementation-Vendor-Id: io.netty
Bundle-DocURL: https://netty.io/
Bundle-Vendor: The Netty Project
Import-Package: com.aayushatharva.brotli4j;resolution:=optional,com.aa
yushatharva.brotli4j.decoder;resolution:=optional,com.aayushatharva.b
rotli4j.encoder;resolution:=optional,com.github.luben.zstd;version="[
1.5,2)";resolution:=optional,com.google.protobuf;version="[2.6,3)";re
```

solution:=optional,com.google.protobuf.nano;resolution:=optional,com.
jcraft.jzlib;resolution:=optional,com.ning.compress;version="[1.0,2)"
;resolution:=optional,com.ning.compress.lzf;version="[1.0,2)";resolut
ion:=optional,com.ning.compress.lzf.util;version="[1.0,2)";resolution
:=optional,io.netty.buffer;version="[4.1,5)",io.netty.channel;version
="[4.1,5)",io.netty.channel.socket;version="[4.1,5)",io.netty.util;ve
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til.internal;version="[4.1,5)",io.netty.util.internal.logging;version
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tional,net.jpountz.lz4;resolution:=optional,net.jpountz.xxhash;resolu
tion:=optional,org.jboss.marshalling;resolution:=optional,sun.nio.ch;
resolution:=optional,org.eclipse.jetty.npn;version="[1,2)";resolution
:=optional,org.eclipse.jetty.alpn;version="[1,2)";resolution:=optiona
l
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.6))"
Tool: Bnd-2.4.1.201501161923
Implementation-Vendor: The Netty Project
Export-Package:
io.netty.handler.codec;uses:="io.netty.buffer,io.netty
.channel,io.netty.channel.socket,io.netty.util";version="4.1.86",io.n
etty.handler.codec.base64;uses:="io.netty.buffer,io.netty.channel,io.
netty.handler.codec";version="4.1.86",io.netty.handler.codec.bytes;us
es:="io.netty.buffer,io.netty.channel,io.netty.handler.codec";version
="4.1.86",io.netty.handler.codec.compression;uses:="com.aayushatharva
.brotli4j.encoder,io.netty.buffer,io.netty.channel,io.netty.handler.c
odec,net.jpountz.lz4";version="4.1.86",io.netty.handler.codec.json;us
es:="io.netty.buffer,io.netty.channel,io.netty.handler.codec";version
="4.1.86",io.netty.handler.codec.marshalling;uses:="io.netty.buffer,i
o.netty.channel,io.netty.handler.codec,org.jboss.marshalling";version
="4.1.86",io.netty.handler.codec.protobuf;uses:="com.google.protobuf,
com.google.protobuf.nano,io.netty.buffer,io.netty.channel,io.netty.ha
ndler.codec";version="4.1.86",io.netty.handler.codec.serialization;us
es:="io.netty.buffer,io.netty.channel,io.netty.handler.codec";version
="4.1.86",io.netty.handler.codec.string;uses:="io.netty.buffer,io.net
ty.channel,io.netty.handler.codec";version="4.1.86",io.netty.handler.
codec.xml;uses:="io.netty.buffer,io.netty.channel,io.netty.handler.co
dec";version="4.1.86"
Bundle-Name: Netty/Codec
Bundle-Version: 4.1.86.Final
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_252
Implementation-URL: https://netty.io/netty-codec/

Found in path(s):
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-codec-4-1-86-final-jar/META-INF/MANIFEST.MF
No license file was found, but licenses were detected in source scan.

```
Manifest-Version: 1.0
Implementation-Title: Netty/Codec/HTTP
Bundle-Description: Netty is an asynchronous event-driven network appl
ication framework for    rapid development of maintainable high perfo
rmance protocol servers and    clients.
Automatic-Module-Name: io.netty.codec.http
Bundle-License: https://www.apache.org/licenses/LICENSE-2.0
Bundle-SymbolicName: io.netty.codec-http
Implementation-Version: 4.1.86.Final
Built-By: norman
Bnd-LastModified: 1670855212920
Bundle-ManifestVersion: 2
Implementation-Vendor-Id: io.netty
Bundle-DocURL: https://netty.io/
Bundle-Vendor: The Netty Project
Import-Package: com.aayushatharva.brotli4j.encoder;resolution:=optiona
l,com.jcraft.jzlib;resolution:=optional,io.netty.buffer;version="[4.1
,5)",io.netty.channel;version="[4.1,5)",io.netty.channel.embedded;ver
sion="[4.1,5)",io.netty.handler.codec,io.netty.handler.codec.base64;v
ersion="[4.1,5)",io.netty.handler.codec.compression;version="[4.1,5)"
 ,io.netty.handler.ssl;version="[4.1,5)",io.netty.handler.stream;versi
on="[4.1,5)",io.netty.util;version="[4.1,5)",io.netty.util.concurrent
;version="[4.1,5)",io.netty.util.internal;version="[4.1,5)",io.netty.
util.internal.logging;version="[4.1,5)",sun.nio.ch;resolution:=option
al,org.eclipse.jetty.npn;version="[1,2)";resolution:=optional,org.ecl
ipse.jetty.alpn;version="[1,2)";resolution:=optional
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.6))"
Tool: Bnd-2.4.1.201501161923
Implementation-Vendor: The Netty Project
Export-Package: io.netty.handler.codec.http;uses:="io.netty.buffer,io.
netty.channel,io.netty.channel.embedded,io.netty.handler.codec,io.net
ty.handler.codec.compression,io.netty.handler.codec.http.cookie,io.ne
tty.handler.stream,io.netty.util";version="4.1.86",io.netty.handler.c
odec.http.cookie;version="4.1.86",io.netty.handler.codec.http.cors;us
es:="io.netty.channel,io.netty.handler.codec.http";version="4.1.86",i
 o.netty.handler.codec.http.multipart;uses:="io.netty.buffer,io.netty.
channel,io.netty.handler.codec,io.netty.handler.codec.http,io.netty.h
andler.stream,io.netty.util";version="4.1.86",io.netty.handler.codec.
http.websocketx;uses:="io.netty.buffer,io.netty.channel,io.netty.hand
ler.codec,io.netty.handler.codec.http,io.netty.handler.stream,io.nett
y.util,io.netty.util.internal.logging";version="4.1.86",io.netty.hand
ler.codec.http.websocketx.extensions;uses:="io.netty.channel,io.netty
.handler.codec,io.netty.handler.codec.http.websocketx";version="4.1.8
6",io.netty.handler.codec.http.websocketx.extensions.compression;uses
:="io.netty.channel,io.netty.handler.codec.http.websocketx.extensions
";version="4.1.86",io.netty.handler.codec.rtsp;uses:="io.netty.buffer
,io.netty.channel,io.netty.handler.codec.http,io.netty.util";version=
"4.1.86",io.netty.handler.codec.spdy;uses:="io.netty.buffer,io.netty.
```

channel,io.netty.handler.codec,io.netty.handler.codec.http,io.netty.u
til";version="4.1.86"
Bundle-Name:
 Netty/Codec/HTTP
Bundle-Version: 4.1.86.Final
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_252
Implementation-URL: https://netty.io/netty-codec-http/

Found in path(s):
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-codec-http-4-1-86-final-jar/META-INF/MANIFEST.MF
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Manifest-Version: 1.0
Implementation-Title: Netty/Transport
Bundle-Description: Netty is an asynchronous event-driven network appl
ication framework for rapid development of maintainable high perfo
rmance protocol servers and clients.
Automatic-Module-Name: io.netty.transport
Bundle-License: https://www.apache.org/licenses/LICENSE-2.0
Bundle-SymbolicName: io.netty.transport
Implementation-Version: 4.1.86.Final
Built-By: norman
Bnd-LastModified: 1670855167311
Bundle-ManifestVersion: 2
Implementation-Vendor-Id: io.netty
Bundle-DocURL: https://netty.io/
Bundle-Vendor: The Netty Project
Import-Package: io.netty.buffer;version="[4.1,5)",io.netty.resolver;ve
rsion="[4.1,5)",io.netty.util;version="[4.1,5)",io.netty.util.concurr
ent;version="[4.1,5)",io.netty.util.internal;version="[4.1,5)",io.net
ty.util.internal.logging;version="[4.1,5)",sun.nio.ch;resolution:=opt
ional,org.eclipse.jetty.npn;version="[1,2)";resolution:=optional,org.
 eclipse.jetty.alpn;version="[1,2)";resolution:=optional
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.6))"
Tool: Bnd-2.4.1.201501161923
Implementation-Vendor: The Netty Project
Export-Package: io.netty.bootstrap;uses:="io.netty.channel,io.netty.re
solver,io.netty.util";version="4.1.86",io.netty.channel;uses:="io.net
ty.bootstrap,io.netty.buffer,io.netty.util,io.netty.util.concurrent";
version="4.1.86",io.netty.channel.embedded;uses:="io.netty.channel";v
ersion="4.1.86",io.netty.channel.group;uses:="io.netty.channel,io.net
ty.util.concurrent";version="4.1.86",io.netty.channel.internal;versio
n="4.1.86",io.netty.channel.local;uses:="io.netty.channel";version="4
.1.86",io.netty.channel.nio;uses:="io.netty.buffer,io.netty.channel,i
o.netty.util,io.netty.util.concurrent";version="4.1.86",io.netty.chan
nel.oio;uses:="io.netty.buffer,io.netty.channel";version="4.1.86",io.

netty.channel.pool;uses:="io.netty.bootstrap,io.netty.channel,io.nett
 y.util.concurrent";version="4.1.86",io.netty.channel.socket;uses:="io
.netty.buffer,io.netty.channel,io.netty.util";version="4.1.86",io.net
ty.channel.socket.nio;uses:="io.netty.buffer,io.netty.channel,io.nett
y.channel.nio,io.netty.channel.socket";version="4.1.86",io.netty.chan
nel.socket.oio;uses:="io.netty.buffer,io.netty.channel,io.netty.chann
el.oio,io.netty.channel.socket";version="4.1.86"
Bundle-Name: Netty/Transport
Bundle-Version: 4.1.86.Final
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_252
Implementation-URL: https://netty.io/netty-transport/

Found in path(s):
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-transport-4-1-86-final-jar/META-INF/MANIFEST.MF
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Manifest-Version: 1.0
Implementation-Title: Netty/Buffer
Bundle-Description: Netty is an asynchronous event-driven network appl
ication framework for rapid development of maintainable high perfo
rmance protocol servers and clients.
Automatic-Module-Name: io.netty.buffer
Bundle-License: https://www.apache.org/licenses/LICENSE-2.0
Bundle-SymbolicName: io.netty.buffer
Implementation-Version: 4.1.86.Final
Built-By: norman
Bnd-LastModified: 1670855150807
Bundle-ManifestVersion: 2
Implementation-Vendor-Id: io.netty
Bundle-DocURL: https://netty.io/
Bundle-Vendor: The Netty Project
Import-Package: io.netty.util;version="[4.1,5)",io.netty.util.concurre
nt;version="[4.1,5)",io.netty.util.internal;version="[4.1,5)",io.nett
y.util.internal.logging;version="[4.1,5)",sun.nio.ch;resolution:=opti
onal,org.eclipse.jetty.npn;version="[1,2)";resolution:=optional,org.e
clipse.jetty.alpn;version="[1,2)";resolution:=optional
Require-Capability:
 osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.6))"
Tool: Bnd-2.4.1.201501161923
Implementation-Vendor: The Netty Project
Export-Package: io.netty.buffer;uses:="io.netty.util";version="4.1.86"
,io.netty.buffer.search;uses:="io.netty.util";version="4.1.86"
Bundle-Name: Netty/Buffer
Bundle-Version: 4.1.86.Final
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_252

Implementation-URL: https://netty.io/netty-buffer/

Found in path(s):
* /opt/cola/permits/1509095589_1671715267.5524309/0/netty-zip/netty/netty-buffer-4-1-86-final-jar/META-INF/MANIFEST.MF

1.1831 decimal 1.3.1

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* /opt/cola/permits/1512120584_1671299952.4151797/0/ericmj-decimal-v1-3-1-0-g73266f8-1-tar-gz/ericmj-decimal-73266f8/README.md

1.1832 phpsymfonypetstoreservertests 1.0-SNAPSHOT

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=begin comment

{{#appName}}
{{{appName}}}

{{/appName}}

{{#appDescription}}
{{{appDescription}}}

{{/appDescription}}
{{#version}}The version of the OpenAPI document: {{version}}{{/version}}
{{#infoEmail}}Contact: {{{infoEmail}}}{{/infoEmail}}
Generated by: https://openapi-generator.tech

=end comment

=cut
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args
csslib
logging

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---
async
collection
convert
crypto
mime
package_config
package_resolver
plugin
shelf_static
source_map_stack_trace
stream_channel
typed_data
utf
vm_service_client

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auth_header

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---

boolean_selector
front_end
kernel
meta
shelf_packages_handler
web_socket_channel

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multi_server_socket
term_glyph

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to include only information relevant to libjpeg-turbo, to wordsmith certain
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README. It is included only for reference. Please see README.md for

information specific to libjpeg-turbo.

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DOCUMENTATION ROADMAP
==========

This file contains the following sections:

OVERVIEW General description of JPEG and the IJG software.
LEGAL ISSUES Copyright, lack of warranty, terms of distribution.
REFERENCES Where to learn more about JPEG.
ARCHIVE LOCATIONS Where to find newer versions of this software.
FILE FORMAT WARS Software *not* to get.
TO DO Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:
usage.txt Usage instructions for cjpeg, djpeg, jpegtran, rdjpgcom, and wrjpgcom.
*.1 Unix-style man pages for programs (same info as usage.txt).
wizard.txt Advanced usage instructions for JPEG wizards only.
change.log Version-to-version change highlights.
Programmer and internal documentation:
libjpeg.txt How to use the JPEG library in your own programs.
example.c Sample code for calling the JPEG library.
structure.txt Overview of the JPEG library's internal structure.
coderules.txt Coding style rules --- please read if you contribute code.

Please read at least usage.txt. Some information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

OVERVIEW
========

This package contains C software to implement JPEG image encoding, decoding, and transcoding. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and grayscale images. JPEG's strong suit is compressing photographic images or other types of images that have smooth color and brightness transitions between neighboring pixels. Images with sharp lines or other abrupt features may not compress well with JPEG, and a higher JPEG quality may have to be used to avoid visible compression artifacts with such images.

JPEG is lossy, meaning that the output pixels are not necessarily identical to the input pixels. However, on photographic content and other "smooth" images, very good compression ratios can be obtained with no visible compression artifacts, and extremely high compression ratios are possible if you are willing to sacrifice image quality (by reducing the "quality" setting in the compressor.)

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application.

We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

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The Unix configuration script "configure"
was produced with GNU Autoconf.
It is copyright by the Free Software Foundation but is freely distributable.
The same holds for its supporting scripts (config.guess, config.sub, ltmain.sh). Another support script, install-sh, is copyright by X Consortium but is also freely distributable.

The IJG distribution formerly included code to read and write GIF files.
To avoid entanglement with the Unisys LZW patent (now expired), GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

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REFERENCES
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We recommend reading one or more of these references before trying to understand the
innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is
Wallace, Gregory K. "The JPEG Still Picture Compression Standard",
Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44.
(Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue handy, a PDF file containing a revised version of Wallace's article is available at http://www.ijg.org/files/Wallace.JPEG.pdf. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics)

omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...

The best currently available description of JPEG is the textbook "JPEG Still Image Data Compression Standard" by William B. Pennebaker and Joan L. Mitchell, published by Van Nostrand Reinhold, 1993, ISBN 0-442-01272-1. Price US$59.95, 638 pp. The book includes the complete text of the ISO JPEG standards (DIS 10918-1 and draft DIS 10918-2).

The original JPEG standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. JFIF 1.02 has been adopted as an Ecma International Technical Report and thus received a formal publication status. It is available as a free download in PDF format from http://www.ecma-international.org/publications/techreports/E-TR-098.htm. A PostScript version of the JFIF document is available at http://www.ijg.org/files/jfif.ps.gz. There is also a plain text version at http://www.ijg.org/files/jfif.txt.gz, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from http://www.ijg.org/files/. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design.

Although IJG's own code does not support TIFF/JPEG, the free libtiff library
uses our library to implement TIFF/JPEG per the Note.

ARCHIVE LOCATIONS
==========

The "official" archive site for this software is www.ijg.org.
The most recent released version can always be found there in
directory "files".

The JPEG FAQ (Frequently Asked Questions) article is a source of some
general information about JPEG.
It is available on the World Wide Web at http://www.faqs.org/faqs/jpeg-faq
and other news.answers archive sites, including the official news.answers
archive at rtfm.mit.edu:
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FILE FORMAT WARS
==========

The ISO/IEC JTC1/SC29/WG1 standards committee (also known as JPEG, together
with ITU-T SG16) currently promotes different formats containing the name
"JPEG" which are incompatible with original DCT-based JPEG. IJG therefore does
not support these formats (see REFERENCES). Indeed, one of the original
reasons for developing this free software was to help force convergence on
common, interoperable format standards for JPEG files.
Don't use an incompatible file format!
(In any case, our decoder will remain capable of reading existing JPEG
image files indefinitely.)

TO DO
=====

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---
libsdl
skia

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Found in path(s):
* /opt/cola/permits/1518316653_1671626933.0638673/0/org-eclipse-equinox-p2-repository-tools-2-1-300-sources-2-jar/org/eclipse/equinox/p2/internal/repository/tools/RecreateRepositoryApplication.java

1.1838 projects 0.0.1-SNAPSHOT

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libpixregion

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Version 2.1, February 1999

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1.1852 httpcomponents-core 4.4.16

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License Mixing
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libcurl can be built to use a fair amount of various third party libraries, libraries that are written and provided by other parties that are distributed using their own licenses. Even libcurl itself contains code that may cause

problems to some. This document attempts to describe what licenses libcurl and the other libraries use and what possible dilemmas linking and mixing them all can lead to for end users.

I am not a lawyer and this is not legal advice!

One common dilemma is that [GPL](https://www.gnu.org/licenses/gpl.html) licensed code is not allowed to be linked with code licensed under the [Original BSD license](https://spdx.org/licenses/BSD-4-Clause.html) (with the announcement clause). You may still build your own copies that use them all, but distributing them as binaries would be to violate the GPL license - unless you accompany your license with an [exception](https://www.gnu.org/licenses/gpl-faq.html#GPLIncompatibleLibs). This particular problem
was addressed when the [Modified BSD license](https://opensource.org/licenses/BSD-3-Clause) was created, which does not have the announcement clause that collides with GPL.

libcurl

Uses an [MIT style license](https://curl.haxx.se/docs/copyright.html) that is very liberal.

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(May be used for SSL/TLS support) Uses an Original BSD-style license with an announcement clause that makes it "incompatible" with GPL. You are not allowed to ship binaries that link with OpenSSL that includes GPL code (unless that specific GPL code includes an exception for OpenSSL - a habit that is growing more and more common). If OpenSSL's licensing is a problem for you, consider using another TLS library.

GnuTLS

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are
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c-ares

(Used for asynchronous name resolves) Uses an MIT license that is very liberal and imposes no restrictions on any other library or part you may link with.

zlib

(Used for compressed Transfer-Encoding support) Uses an MIT-style license that shouldn't collide with any other library.

MIT Kerberos

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Heimdal

(May be used for GSS support) Heimdal is Original BSD licensed with the announcement clause.

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OpenLDAP

(Used for LDAP support) Uses a Modified BSD-style license. Since libcurl uses OpenLDAP as a shared library only, I have not heard of anyone that ships OpenLDAP linked with libcurl in an app.

libssh2

(Used for scp and sftp support) libssh2 uses a Modified BSD-style license.

1.1855 libksba 1.3.5-2ubuntu0.20.04.2

1.1855.1 Available under license :

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those activities but
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Corresponding Source fixed on a durable physical medium
customarily used for software interchange.

b) Convey the object code in, or embodied in, a physical product
(including a physical distribution medium), accompanied by a
written offer, valid for at least three years and valid for as
long as you offer spare parts or customer
support for that product
model, to give anyone who possesses the object code either (1) a
copy of the Corresponding Source for all the software in the
product that is covered by this License, on a durable physical
medium customarily used for software interchange, for a price no
more than your reasonable cost of physically performing this
conveying of source, or (2) access to copy the
Corresponding Source from a network server at no charge.

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You need not require recipients to copy the
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1.1857 go-openapi-jsonreference 0.20.1

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* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/http/HttpResponseInterceptor.java
*
/opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/testing/http/MockHttpContent.java
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* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/http/UriTemplate.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/util/Types.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/util/ExponentialBackOff.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/testing/http/MockHttpUnsuccessfulResponseHandler.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/http/BasicAuthentication.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/util/Data.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/http/HttpRequestFactory.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/http/ByteArrayContent.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/util/BackOff.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/util/Value.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/testing/http/HttpTesting.java
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* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/util/ArrayValueMap.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/http/HttpRequestInitializer.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/util/NullValue.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/http/AbstractInputStreamContent.java
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* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/testing/http/package-info.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/http/BackOffPolicy.java
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* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/testing/util/TestableByteArrayOutputStream.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/util/SecurityUtils.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/testing/util/SecurityTestUtils.java

* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/util/store/DataStoreFactory.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/testing/json/package-info.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/util/Charsets.java
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* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/testing/json/MockJsonParser.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/testing/util/MockSleeper.java
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* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/http/apache/SSLSocketFactoryExtension.java
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* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/http/MultipartContent.java
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* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/util/Objects.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/testing/json/MockJsonGenerator.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/util/PemReader.java
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* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/util/ByteStreams.java
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* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/testing/http/apache/MockHttpClient.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/util/NanoClock.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/util/store/AbstractDataStore.java
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* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/util/LoggingOutputStream.java
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* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/util/StreamingContent.java
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* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/testing/util/package-info.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/util/ByteArrayStreamingContent.java
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* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/util/ByteCountingOutputStream.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/util/LoggingByteArrayOutputStream.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/util/IOUtils.java
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/opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/util/ObjectParser.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/http/EmptyContent.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/http/HttpMediaType.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/testing/util/LogRecordingHandler.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/testing/json/webtoken/TestCertificates.java
* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-

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* /opt/cola/permits/1531558189_1673589035.950873/0/google-http-client-1-41-0-sources-1-jar/com/google/api/client/util/StringUtils.java

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1.1862 google-http-client-gson 1.41.0

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* /opt/cola/permits/1531558196_1673589038.8792226/0/google-http-client-gson-1-41-0-sources-2-jar/com/google/api/client/json/gson/GsonFactory.java
* /opt/cola/permits/1531558196_1673589038.8792226/0/google-http-client-gson-1-41-0-sources-2-jar/com/google/api/client/json/gson/GsonGenerator.java
* /opt/cola/permits/1531558196_1673589038.8792226/0/google-http-client-gson-1-41-0-sources-2-jar/com/google/api/client/json/gson/GsonParser.java

1.1863 linux-libc-dev 5.4.0-137.154

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@item
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@item
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@enumerate a
@item
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@item
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and (2) will operate
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@page
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jar/jersey/repackaged/com/google/common/cache/Cache.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-
jar/jersey/repackaged/com/google/common/cache/RemovalListener.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-
jar/jersey/repackaged/com/google/common/math/DoubleUtils.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-
jar/jersey/repackaged/com/google/common/util/concurrent/AbstractScheduledService.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-
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* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-
jar/jersey/repackaged/com/google/common/cache/AbstractLoadingCache.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-
jar/jersey/repackaged/com/google/common/base/Ticker.java
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jar/jersey/repackaged/com/google/common/cache/LoadingCache.java
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jar/jersey/repackaged/com/google/common/base/Absent.java
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* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-
jar/jersey/repackaged/com/google/common/math/BigIntegerMath.java

* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/util/concurrent/UncheckedExecutionException.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/cache/AbstractCache.java
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* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/ContiguousSet.java
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* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/PeekingIterator.java
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* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/HashBasedTable.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/EmptyImmutableListMultimap.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/primitives/Chars.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/io/MultiReader.java
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* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/util/concurrent/AbstractCheckedFuture.java
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* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/reflect/TypeCapture.java
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* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/reflect/MutableTypeToInstanceMap.java
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* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/util/concurrent/RateLimiter.java
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/*
  * This method was rewritten in Java from an intermediate step of the Murmur hash function in
  * http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp, which contained the
  * following header:
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* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/hash/MessageDigestHashFunction.java
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* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-

jar/jersey/repackaged/com/google/common/collect/SingletonImmutableList.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/reflect/TypeResolver.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/net/InternetDomainName.java
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* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/SortedMultiset.java
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  * http://creativecommons.org/licenses/publicdomain
  *
```

```
  * As of 2010/06/11, this method is identical to the (package private) hash
  * method in OpenJDK 7's java.util.HashMap
 class.
  */
```

Found in path(s):
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/util/concurrent/Striped.java
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* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/EmptyContiguousSet.java
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*/
/*
  * Regarding newSetForMap() and SetFromMap:
  *
```

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* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/Sets.java
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* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/cache/Striped64.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/cache/LongAdder.java
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* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/base/Predicates.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/base/Objects.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/ForwardingConcurrentMap.java

*
/opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/Multisets.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/eventbus/EventBus.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/AbstractIterator.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/ForwardingMultimap.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/io/LittleEndianDataInputStream.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/io/LineReader.java
*
/opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/MutableClassToInstanceMap.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/ForwardingMapEntry.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/base/FinalizableSoftReference.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/eventbus/package-info.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/ExplicitOrdering.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/eventbus/DeadEvent.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/EmptyImmutableList.java
*
/opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/ImmutableSet.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/util/concurrent/AbstractFuture.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/CompoundOrdering.java
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* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/util/concurrent/ExecutionList.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/base/Supplier.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/Iterables.java
*
/opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/ClassToInstanceMap.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/MapConstraint.java

* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/io/Closeables.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/base/FinalizablePhantomReference.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/AbstractListMultimap.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/LinkedHashMultiset.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/base/FinalizableWeakReference.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/AbstractSortedSetMultimap.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/eventbus/HandlerFindingStrategy.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/ForwardingList.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/AbstractMultiset.java
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* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/eventbus/SynchronizedEventHandler.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/ForwardingCollection.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/Synchronized.java
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* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/ForwardingIterator.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/base/Functions.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/base/Preconditions.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/BiMap.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/io/InputSupplier.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/base/Predicate.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/AbstractSetMultimap.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-

jar/jersey/repackaged/com/google/common/collect/NullsLastOrdering.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/base/Throwables.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/ForwardingSortedSet.java
*
/opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/ForwardingListIterator.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/base/Charsets.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/TreeMultimap.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/Multimaps.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/ObjectArrays.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/RegularImmutableSet.java
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/opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/io/package-info.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/MapConstraints.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/base/FinalizableReferenceQueue.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/base/package-info.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/Ordering.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/io/LimitInputStream.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/ReverseOrdering.java
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/opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/Iterators.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/io/CharStreams.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/ListMultimap.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/base/AbstractIterator.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/ImmutableList.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/base/Suppliers.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/SetMultimap.java

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/opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/LinkedListMultimap.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/AbstractBiMap.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/ComparatorOrdering.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/Lists.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/io/LineBuffer.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/AbstractMapBasedMultimap.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/Constraints.java
*
/opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/io/ByteStreams.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/package-info.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/eventbus/AnnotatedHandlerFinder.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/TreeMultiset.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/EnumBiMap.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/eventbus/AsyncEventBus.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/util/concurrent/ListenableFuture.java
*
/opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/Interner.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/util/concurrent/package-info.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/ByFunctionOrdering.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/io/OutputSupplier.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/ForwardingMultiset.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/ForwardingQueue.java
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/opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/ReverseNaturalOrdering.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/ForwardingSet.java

* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/eventbus/Subscribe.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/ForwardingMap.java
* /opt/cola/permits/1539989349_1674304552.0100582/0/jersey-guava-2-12-sources-3-jar/jersey/repackaged/com/google/common/collect/Multiset.java
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1.1865 python-setuptools 45.2.0-1ubuntu0.1

1.1865.1 Available under license :

A. HISTORY OF THE SOFTWARE
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes

2.1.3	2.1.2	2002	PSF	yes
2.2 and above				
2.1.1	2001-now	PSF	yes	

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1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
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1.1866 go-openapi-jsonreference 0.20.2

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1.1867 pam 1.3.1-5ubuntu4.4

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1.1868 wheel 0.34.2-1ubuntu0.1

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1.1869 six 1.14.0-2

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1.1870 python-certifi 2019.11.28-1

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(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:
http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
an Apache+mod_ssl webserver for SSL client authentication.
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@(#) $RCSfile: certdata.txt,v $
$Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $

1.1871 git 2.25.1-1ubuntu3.8

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1.1875 jackson-databind 2.13.5

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1.1876 jackson 2.14.2

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1.1878 jackson-annotations 2.14.2

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1.1886 opentracing-go 1.1.0

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@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/StringCodec.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/util/Base64JAXBCodec.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/annotations/AnnotationReflectionConverter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/OptionalLongConverter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/mapper/AbstractAttributeAliasingMapper.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/XomWriter.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-

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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/ExtendedHierarchicalStreamWriter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/KXml2Driver.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/MarshallingStrategy.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/UnmarshallingContext.java

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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/security/AnyTypePermission.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/security/TypePermission.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/mapper/SecurityMapper.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/security/NoTypePermission.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/mapper/ImplicitCollectionMapper.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/MapBackedDataHolder.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/time/MonthDayConverter.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/time/DurationConverter.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/time/PeriodConverter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/AbstractTreeMarshallingStrategy.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/basic/BigDecimalConverter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/basic/BooleanConverter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/Dom4JReader.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/reflection/FieldUtil15.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/SingleValueConverter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/ExtendedHierarchicalStreamReader.java

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* Created on 03. March 2004 by Joe Walnes
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/EncodedByteArrayConverter.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/basic/DateConverter.java
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* Created on 15. February 2006 by Mauro Talevi
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Found in path(s):

* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/ConverterMatcher.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/XppDomDriver.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/reflection/SelfStreamingInstanceChecker.java
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* Created on 22. April 2006 by Mauro Talevi
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/XStream11XmlFriendlyReplacer.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/ActivationDataFlavorConverter.java
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* Created on 14. August 2004 by Joe Walnes
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/TraxSource.java
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* Created on 19. February 2017 by Joerg Schaible
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/time/ChronologyConverter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/DurationConverter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/NamedArrayConverter.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/StackTraceElementFactory15.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/reflection/ReflectionProviderWrapper.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/enums/EnumToStringConverter.java
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* Created on 12.10.2010 by Joerg Schaible, extracted from TreeSetConverter.
*/

Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/util/PresortedSet.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/reflection/Sun14ReflectionProvider.java
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* Created on 30. March 2007 by Joerg Schaible
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/util/DependencyInjectionFactory.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/mapper/XmlFriendlyMapper.java
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* Created on 06. March 2004 by Joe Walnes
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/MarshallingContext.java
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* Created on 08. January 2016 by Joerg Schaible, factored out from FieldAliasingMapper.
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/mapper/ElementIgnoringMapper.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/reflection/SerializationMethodInvoker.java
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* Created on 16. July 2011 by Joerg Schaible
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/javabean/ComparingPropertySorter.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/javabean/PropertySorter.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/javabean/NativePropertySorter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/annotations/XStreamAliasType.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/annotations/XStreamConverters.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/ReferenceByXPathUnmarshaller.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/StackTraceElementConverter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/time/SystemClockConverter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/persistence/FilePersistenceStrategy.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/StackTraceElementFactory.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/persistence/PersistenceStrategy.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/path/PathTrackingWriter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/XStreamer.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/binary/ReaderDepthState.java

* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/binary/BinaryStreamWriter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/ToAttributedValueConverter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/util/PrioritizedList.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/xppdom/XppDom.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/AtomicReferenceConverter.java
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*
* Created on 10. April 2007 by Guilherme Silveira
*/
```

Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/reflection/SortableFieldKeySorter.java
No license file was found, but licenses were detected in source scan.

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```

* Created on 18. March 2005 by Joe Walnes
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/enums/EnumConverter.java
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* Created on 05. May 2017 by Joerg Schaible
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/util/ISO8601JavaTimeConverter.java
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* Created on 31. January 2005 by Joe Walnes
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/mapper/OuterClassMapper.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/mapper/LambdaMapper.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/path/package.html
No license file was found, but licenses were detected in source scan.

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*
* Created on 22. June 2006 by Mauro Talevi
*/
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/json/JsonHierarchicalStreamDriver.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-

jar/com/thoughtworks/xstream/security/ForbiddenClassException.java
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* Created on 25. March 2006 by Joerg Schaible
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/TextAttributeConverter.java
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* Created on 13. June 2006 by Guilherme Silveira
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/persistence/XmlMap.java
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* Created on 14. October 2011 by Joerg Schaible
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Found in path(s):

* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/binary/BinaryStreamDriver.java
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* Created on 12.10.2010 by Joerg Schaible, extracted from TreeMapConverter.
*/
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/util/PresortedMap.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/WstxDriver.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/binary/Token.java

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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/TreeMarshallingStrategy.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/ReferenceByIdMarshallingStrategy.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/ISO8601GregorianCalendarConverter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/mapper/AnnotationMapper.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/ConverterLookup.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/basic/package.html
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/util/Primitives.java
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* Created on 17. April 2006 by Mauro Talevi
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/XmlFriendlyReplacer.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/util/XmlHeaderAwareReader.java
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* Created on 13. January 2017 by Matej Cimbora
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/time/OffsetDateTimeConverter.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/time/LocalTimeConverter.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/time/ZonedDateTimeConverter.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/time/LocalDateTimeConverter.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/time/LocalDateConverter.java
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* Created on 01. March 2013 by Joerg Schaible, moved from package
* com.thoughtworks.xstream.converters.reflection.
*/

Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/util/SelfStreamingInstanceChecker.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-

jar/com/thoughtworks/xstream/converters/reflection/SerializableConverter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/mapper/EnumMapper.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/basic/NullConverter.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/time/YearMonthConverter.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/time/OffsetTimeConverter.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/time/YearConverter.java
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* Created on 15. August 2009 by Joerg Schaible, copied from XmlFriendlyReplacer.
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/XmlFriendlyNameCoder.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/MXParserDriver.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/SingleValueConverterWrapper.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/collections/TreeSetConverter.java
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* Created on 24. June 2012 by Joerg Schaible
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/JDom2Driver.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/reflection/NativeFieldKeySorter.java
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*/

Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/AbstractDriver.java
No license file was found, but licenses were detected in source scan.

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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/time/ZoneIdConverter.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/FontConverter.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/AbstractDocumentReader.java

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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/reflection/ReflectionConverter.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/XppDriver.java
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* Created on 04. June 2006 by Mauro Talevi
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/AbstractXmlReader.java
No license file was found, but licenses were detected in source scan.

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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/Dom4JWriter.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/xppdom/Xpp3DomBuilder.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/NamedCollectionConverter.java
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*
* Created on 26. September 2003 by Joe Walnes
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/basic/FloatConverter.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/basic/ShortConverter.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/basic/DoubleConverter.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/basic/CharConverter.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/annotations/XStreamContainedType.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/annotations/Annotations.java
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* Created on 14. August 2004 by Joe Walnes
*/
/**
* A SAX {@link org.xml.sax.XMLReader parser} that acts as an XStream
* {@link com.thoughtworks.xstream.io.HierarchicalStreamWriter} to enable direct generation of a

```
* SAX event flow from the XStream serialization of a list of list of Java objects.
* <p>
* As a
* custom SAX parser, this class ignores the arguments of the two standard parse methods ({@link
#parse(java.lang.String)}
* and {@link #parse(org.xml.sax.InputSource)}) but relies on a proprietary SAX property
* {@link #SOURCE_OBJECT_LIST_PROPERTY} to define the list of objects to serialize.
 * </p>
* <p>
* Configuration of this SAX parser is achieved through the standard
* {@link #setProperty SAX property mechanism}. While specific setter methods require direct
* access to the parser instance, SAX properties support configuration settings to be propagated
* through a chain of {@link org.xml.sax.XMLFilter filters} down to the underlying parser
* object.
* </p>
* <p>
* This mechanism shall be used to configure the
* {@link #SOURCE_OBJECT_LIST_PROPERTY objects to be serialized} as well as the
* {@link #CONFIGURED_XSTREAM_PROPERTY XStream facade}.
* </p>
*
* @author Laurent Bihanic
*/
/**
   * Sets the value of a property.
   * <p>
   * The property name is any fully-qualified URI.  It is
   * possible for an XMLReader to recognize a property name but
   * to be unable to set its value.</p>
   * <p>
   * XMLReaders are not required to recognize setting any
   * specific property names, though a core set is provided with
   * SAX2.</p>

  * <p>
   * Some property values may be immutable or mutable only
   * in specific contexts, such as before, during, or after
   * a parse.</p>
   * <p>
   * This method is also the standard mechanism for setting
   * extended handlers.</p>
   * <p>
   * <strong>Note</strong>: This implementation only supports two
   * (proprietary) properties: {@link #CONFIGURED_XSTREAM_PROPERTY}
   * and {@link #SOURCE_OBJECT_LIST_PROPERTY}.</p>
   *
   * @param name  the property name, which is a fully-qualified URI.
   * @param value the requested value for the property.
```

```
   * @throws SAXNotRecognizedException when the XMLReader does not
   *                              recognize the property name.
   * @throws SAXNotSupportedException  when the XMLReader recognizes
   *                              the property name but cannot set
   *                              the requested value.
   * @see #getProperty
   */
/**
   * Parses an XML document
 from a system identifier (URI).
   * <p>
   * This method is a shortcut for the common case of reading a
   * document from a system identifier.  It is the exact
   * equivalent of the following:</p>
   * <blockquote>
   * <pre>
   *    parse(new InputSource(systemId));
   *  </pre>
   * </blockquote>
   * <p>
   * If the system identifier is a URL, it must be fully resolved
   * by the application before it is passed to the parser.</p>
   * <p>
   * <strong>Note</strong>: As a custom SAX parser, this class
   * ignores the <code>systemId</code> argument of this method
   * and relies on the proprietary SAX property
   * {@link #SOURCE_OBJECT_LIST_PROPERTY}) to define the list of
   * objects to serialize.</p>
   *
   * @param systemId the system identifier (URI).
   * @throws SAXException Any SAX exception, possibly wrapping
   *                  another exception.
   * @see #parse(org.xml.sax.InputSource)
   */
```

Found in path(s):
*
 /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/SaxWriter.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/mapper/XStream11XmlFriendlyMapper.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/security/TypeHierarchyPermission.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/mapper/CannotResolveClassException.java
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* Created on 06. April 2005 by Joe Walnes
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/enums/EnumMapConverter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/StaxDriver.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/ISO8601DateConverter.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/util/TypedNull.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/ConverterRegistry.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/KXml2DomDriver.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/AbstractXppDomDriver.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/Xpp3DomDriver.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/basic/URIConverter.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/util/Fields.java
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Manifest-Version: 1.0
Archiver-Version: Plexus Archiver
Created-By: Apache Maven
Built-By: joehni
Build-Jdk: 1.8.0_312
Specification-Title: XStream Core
Specification-Vendor: XStream
Implementation-Title: XStream Core
Implementation-Version: 1.4.20
Implementation-Vendor-Id: com.thoughtworks.xstream
Implementation-Vendor: XStream
Bundle-License: BSD-3-Clause
Bundle-ManifestVersion: 2
Bundle-Name: XStream Core Sources
Bundle-SymbolicName: xstream.sources
Bundle-Vendor: XStream Sources
Bundle-Version: 1.4.20

Eclipse-SourceBundle: xstream;version=1.4.20
Specification-Version: 1.4
X-Build-Os: Linux
X-Build-Time: 2022-12-23T23:21:05Z
X-Builder: Maven 3.8.6
X-Compile-Source: 1.4
X-Compile-Target: 1.4

Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/META-INF/MANIFEST.MF
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/WriterWrapper.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/security/ExplicitTypePermission.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/security/NoPermission.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/security/RegExpTypePermission.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/security/NullPermission.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/security/ArrayTypePermission.java

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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/OptionalConverter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/XStreamException.java
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jar/com/thoughtworks/xstream/io/xml/XppReader.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/util/OrderRetainingMap.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/UseAttributeForEnumMapper.java
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Found in path(s):

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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/reflection/ObjectAccessException.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/AbstractReferenceMarshaller.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/util/Pool.java
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* Created on 07. July 2006 by Mauro Talevi
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/ToStringConverter.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/reflection/LambdaConverter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/util/ThreadSafeSimpleDateFormat.java

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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/naming/NameCoder.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/json/JettisonStaxWriter.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-

jar/com/thoughtworks/xstream/io/HierarchicalStreamDriver.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/basic/StringBuilderConverter.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/basic/UUIDConverter.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/Dom4JDriver.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/naming/NoNameCoder.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/XStream11NameCoder.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/naming/NameCoderWrapper.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/naming/StaticNameCoder.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/basic/ByteConverter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/XomReader.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/DomWriter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/util/CompositeClassLoader.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/BaseException.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-

jar/com/thoughtworks/xstream/converters/extended/DynamicProxyConverter.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/mapper/PackageAliasingMapper.java
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* Created on 24. February 2016 by Joerg Schaible, factored out of ConversionException.
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/ErrorWritingException.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/ErrorWriter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/OptionalDoubleConverter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/javabean/BeanProvider.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/basic/StringConverter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/json/JsonWriter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/time/WeekFieldsConverter.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/time/MinguoDateConverter.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/time/ValueRangeConverter.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/time/ThaiBuddhistDateConverter.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/time/JapaneseDateConverter.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/time/AbstractChronoLocalDateConverter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/copy/HierarchicalStreamCopier.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/JDom2Reader.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/JDom2Writer.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/security/CGLIBProxyTypePermission.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/reflection/PureJavaReflectionProvider.java
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* Created on 22. June 2006 by Mauro Talevi
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/reflection/FieldDictionary.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/mapper/ClassAliasingMapper.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/basic/URLConverter.java
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* Created on 15. March 2007 by Joerg Schaible
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/AbstractReferenceUnmarshaller.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/ColorConverter.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/mapper/DefaultMapper.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/collections/ArrayConverter.java

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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/AbstractXppDriver.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/path/Path.java
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* Created on 13. June 2006 by Guilherme Silveira
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Found in path(s):

* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/persistence/StreamStrategy.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/persistence/FileStreamStrategy.java
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* Created on 7. February 2016 by Aaron Johnson
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/PathConverter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/mapper/AttributeMapper.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/xppdom/XppDomComparator.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/persistence/AbstractFilePersistenceStrategy.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/ReaderWrapper.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/QNameMap.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/package.html
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/collections/package.html
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/StaxWriter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/ErrorReporter.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/TreeUnmarshaller.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/MXParserDomDriver.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/PropertyEditorCapableConverter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/XomDriver.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/reflection/FieldKey.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/reflection/FieldKeySorter.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/reflection/ImmutableFieldKeySorter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/xppdom/XppFactory.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/StandardStaxDriver.java
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Found in path(s):
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/util/CustomObjectInputStream.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/DefaultConverterLookup.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/XmlFriendlyWriter.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/XmlFriendlyReader.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/AtomicLongConverter.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/AtomicIntegerConverter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/core/ReferenceByIdMarshaller.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/JavaFieldConverter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/XppDomReader.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/DomReader.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/XppDomWriter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/collections/SingletonMapConverter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/CurrencyConverter.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/SqlTimeConverter.java
* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/converters/extended/SqlDateConverter.java
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* /opt/cola/permits/1561089284_1676013500.4305644/0/xstream-1-4-20-sources-1-jar/com/thoughtworks/xstream/io/xml/DocumentWriter.java
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1.1892 openssl 1.1.1t

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1.1893 apr-util 1.6.1-4ubuntu2.1

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1.1894 gson 2.10.1

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Manifest-Version: 1.0

Created-By: 11.0.16.1 (Azul Systems, Inc.)
Build-Jdk-Spec: 11
Bnd-LastModified: 1673019830620
Bundle-ContactAddress: https://github.com/google/gson
Bundle-Description: Gson JSON library
Bundle-Developers: google;organization=Google;organizationUrl="https://w
ww.google.com"
Bundle-DocURL: https://github.com/google/gson/gson
Bundle-License: "Apache-2.0";link="https://www.apache.org/licenses/LICEN
SE-2.0.txt"
Bundle-ManifestVersion: 2
Bundle-Name: Gson
Bundle-RequiredExecutionEnvironment: JavaSE-1.7, JavaSE-1.8
Bundle-SCM: url="https://github.com/google/gson/gson/",connection="scm:g
it:https://github.com/google/gson.git/gson",developer-connection="scm:g
it:git@github.com:google/gson.git/gson",tag="gson-parent-2.10.1"
Bundle-SymbolicName: com.google.gson
Bundle-Vendor: Google Gson Project
Bundle-Version: 2.10.1
Export-Package: com.google.gson;uses:="com.google.gson.reflect,com.googl
e.gson.stream";version="2.10.1",com.google.gson.annotations;version="2.
 10.1",com.google.gson.reflect;version="2.10.1",com.google.gson.stream;v
ersion="2.10.1"
Import-Package: sun.misc;resolution:=optional,com.google.gson.annotation
s
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.7))"
Tool: Bnd-6.4.0.202211291949
Multi-Release: true

Found in path(s):
* /opt/cola/permits/1570533427_1676891842.8285189/0/gson-2-10-1-jar/META-INF/MANIFEST.MF

1.1895 argparse 0.9.0

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1.1896 x-net 0.7.0

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1.1897 x-sys 0.5.0

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1.1898 x-text 0.7.0

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1.1899 x-crypto 0.6.0

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1.1900 python-setuptools 44.0.0-2ubuntu0.1

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1.1901 tcpdump 4.9.3-4ubuntu0.2

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1.1902 nss 3.49.1-1ubuntu1.9

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1.1921 snake-yaml 2.0

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```
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* A Base64 encoder/decoder.
*
* <p>
* This class is used to encode and decode data in Base64 format as described in RFC 1521.
*
* <p>
* Project home page: <a href="http://www.source-code.biz/base64coder/java/">www.
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* Author: Christian d'Heureuse, Inventec Informatik AG, Zurich, Switzerland<br>
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* /opt/cola/permits/1587692654_1678323499.4437757/0/jose4j-0-9-3-sources-
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* /opt/cola/permits/1587692654_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwt/NumericDate.java
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* /opt/cola/permits/1587692654_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwk/RsaJwkGenerator.java
* /opt/cola/permits/1587692654_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwe/AesGcmKeyEncryptionAlgorithm.java
* /opt/cola/permits/1587692654_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwe/ContentEncryptionAlgorithm.java
* /opt/cola/permits/1587692654_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/keys/resolvers/JwksDecryptionKeyResolver.java
* /opt/cola/permits/1587692654_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jws/HmacUsingShaAlgorithm.java
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* /opt/cola/permits/1587692654_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwe/kdf/ConcatKeyDerivationFunctionFactory.java
* /opt/cola/permits/1587692654_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwe/kdf/KdfUtil.java
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* /opt/cola/permits/1587692654_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/base64url/internal/apache/commons/codec/binary/BaseNCodec.java
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* /opt/cola/permits/1587692654_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwk/DecryptionJwkSelector.java

*
/opt/cola/permits/1587692654_1678323499.4437757/0/jose4j-0-9-3-sources-jar/org/jose4j/jwk/SimpleJwkFilter.java
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    s.type = 'text/javascript';
    s.async = true;
    s.src = 'https://comments.apache.org/show_comments.lua?site=' + comments_shortname + '&page=' +
comments_identifier;
     (d.getElementsByTagName('head')[0] || d.getElementsByTagName('body')[0]).appendChild(s);
  }
  else {
    d.write(' Comments are disabled for this page at the moment.<\/div>');
  }
})(window, document);
//--><!]]></script>
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href="http://wiki.apache.org/httpd/FAQ">FAQ | Glossary | <a
href="./sitemap.html">Sitemap <script type="text/javascript"><!--//--><![CDATA[//><!--
if (typeof(prettyPrint) !== 'undefined') {
  prettyPrint();
}
//--><!]]></script>
</body></html>

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```
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* 605 E. Springfield, Champaign, IL 61820
* httpd@ncsa.uiuc.edu
*
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 *
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*
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Mike Belshe (mbelshe@netscape.com)
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1.1931 rtmpdump 2.4+20151223.gitfa8646d.1-1

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1.1941 wheel 0.40.0

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1.1942 klauspost-compress 1.16.0

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1.1943 jmx-prometheus-javaagent 0.18.0

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* /opt/cola/permits/1594592384_1678980969.0263424/0/jmx-prometheus-javaagent-0-18-0-sources-jar/META-INF/maven/io.prometheus/simpleclient_hotspot/pom.xml

1.1944 collector 0.18.0

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1.1945 jmx_prometheus_javaagent_common 0.18.0

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1.1946 base-files 11ubuntu5.7

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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

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1.1947 jetty-util 9.4.51.v20230217

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* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

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* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.1948 kerberos 1.17-6ubuntu4.3

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[NOTE: MIT has only incorporated the mechglue and spnego change, and
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cmd/krb5/iprop/iprop_hdr.h
cmd/krb5/kadmin/server/ipropd_svc.c
cmd/krb5/kproplog/kproplog.c
cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
lib/krb5/kdb/kdb_log.h
lib/libgss/g_accept_sec_context.c
lib/libgss/g_acquire_cred.c
lib/libgss/g_canon_name.c
lib/libgss/g_compare_name.c
lib/libgss/g_context_time.c
lib/libgss/g_delete_sec_context.c
lib/libgss/g_dsp_name.c
lib/libgss/g_dsp_status.c
lib/libgss/g_dup_name.c
lib/libgss/g_exp_sec_context.c
lib/libgss/g_export_name.c
lib/libgss/g_glue.c
lib/libgss/g_imp_name.c
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lib/libgss/g_rel_cred.c
lib/libgss/g_rel_name.c
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lib/libgss/g_userok.c
lib/libgss/g_utils.c
lib/libgss/g_verify.c

lib/libgss/gssd_pname_to_uid.c
uts/common/gssapi/include/gssapi_err_generic.h
uts/common/gssapi/include/mechglueP.h

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lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
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lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c

lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mgluеP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation,
including
the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
kprop/kproplog.c

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*/

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No license file was found, but licenses were detected in source scan.

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1.1950 curl 7.68.0-1ubuntu2.18

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==========

libcurl can be built to use a fair amount of various third party libraries,
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problems to some. This document attempts to describe what licenses libcurl and
the other libraries use and what possible dilemmas linking and mixing them all
can lead to for end users.

I am not a lawyer and this is not legal advice!

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1.1951 curl 7.58.0-2ubuntu3.24

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1.1952 python3.8 3.8.10-0ubuntu1~20.04.7

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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lib/erl/src/Makefile.am

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For the aclocal/ax_boost_base.m4 and contrib/fb303/aclocal/ax_boost_base.m4
components:

```
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```

For the lib/nodejs/lib/thrift/json_parse.js:

```
/*
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   2015-05-02
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*/
```
(By Douglas Crockford <douglas@crockford.com>)

For lib/cpp/src/thrift/windows/SocketPair.cpp

```
/* socketpair.c
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*/

For lib/py/compat/win32/stdint.h

// ISO C9x compliant stdint.h for Microsoft Visual Studio
// Based on ISO/IEC 9899:TC2 Committee draft (May 6, 2005) WG14/N1124
//
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//

Codegen template
 in t_html_generator.h

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*

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1.1955 python 3.8.10-0ubuntu1~20.04.7

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==========

Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations, which became
Zope Corporation. In 2001, the Python Software Foundation (PSF, see
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0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
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1.1956 jackson-module-scala 2.13.5

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1.1959 pax-web-extender-whiteboard 2.1.6

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* /opt/cola/permits/1609375851_1679477153.1953962/0/pax-web-extender-whiteboard-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/whiteboard/internal/element/ServletWebElement.java
* /opt/cola/permits/1609375851_1679477153.1953962/0/pax-web-extender-whiteboard-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/whiteboard/internal/element/ResourceWebElement.java
* /opt/cola/permits/1609375851_1679477153.1953962/0/pax-web-extender-whiteboard-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/whiteboard/internal/element/ListenerWebElement.java
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* /opt/cola/permits/1609375851_1679477153.1953962/0/pax-web-extender-whiteboard-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/whiteboard/internal/HttpServiceTracker.java
* /opt/cola/permits/1609375851_1679477153.1953962/0/pax-web-extender-whiteboard-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/whiteboard/internal/tracker/FilterMappingTracker.java
* /opt/cola/permits/1609375851_1679477153.1953962/0/pax-web-extender-whiteboard-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/whiteboard/internal/tracker/ListenerMappingTracker.java
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* /opt/cola/permits/1609375851_1679477153.1953962/0/pax-web-extender-whiteboard-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/whiteboard/internal/tracker/HttpContextMappingTracker.java
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1.1960 picocontainer 2.13.5

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* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/ComponentLifecycle.java
*
 /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/injectors/CompositeInjection.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/injectors/Provider.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/security/CustomPermissionsURLClassLoader.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/injectors/Reinjection.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-

jar/org/picocontainer/injectors/Injector.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/injectors/InjectInto.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/injectors/MultiInjector.java
*
/opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/references/ThreadLocalReference.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/injectors/ProviderAdapter.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/behaviors/Decorated.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/ObjectReference.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/ComponentMonitorStrategy.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/injectors/FactoryInjector.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/injectors/Reinjector.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/references/ThreadLocalMapObjectReference.java
*
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* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/behaviors/Guarded.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/references/SimpleReference.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/injectors/CompositeInjector.java
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* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/injectors/MethodInjector.java
*

/opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/behaviors/Intercepted.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/containers/SystemPropertiesPicoContainer.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/parameters/AbstractParameter.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/PicoLifecycleException.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/behaviors/Intercepting.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/injectors/ForgetfulConstructorInjection.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/injectors/ParameterNameBinding.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/containers/PropertiesPicoContainer.java
*
/opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/injectors/SingleMemberInjector.java
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* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/lifecycle/AbstractMonitoringLifecycleStrategy.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/lifecycle/DefaultLifecycleState.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/PicoVisitor.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/visitors/AbstractPicoVisitor.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/Converters.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/lifecycle/ReflectionLifecycleException.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/lifecycle/JavaEE5LifecycleStrategy.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/visitors/MethodCallingVisitor.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/LifecycleStrategy.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/visitors/VerifyingVisitor.java
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* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-

jar/org/picocontainer/behaviors/Storing.java
*
/opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/injectors/ConstructorInjection.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/behaviors/Cached.java
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* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/injectors/SetterInjection.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/PicoCompositionException.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/behaviors/Guarding.java
*
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* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/behaviors/OptInCaching.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/behaviors/ThreadCaching.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/behaviors/Caching.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/injectors/AdaptingInjection.java
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* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/monitors/ComponentMonitorHelper.java
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* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/composers/RegexComposer.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/monitors/ComposingMonitor.java
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* Original code by Paul Hammant & Obie Fernandez & Aslak *
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Found in path(s):
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/ComponentMonitor.java
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* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/classname/ClassPathElement.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/parameters/NullParameter.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/classname/ClassLoadingPicoContainer.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/classname/DefaultClassLoadingPicoContainer.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/parameters/DefaultConstructorParameter.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/classname/ClassName.java
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* Idea by Rachel Davies, Original code by Aslak Hellesoy and Paul Hammant *
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Found in path(s):
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/Startable.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/Disposable.java
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* Original code by Paul Hammant *
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* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/containers/EmptyPicoContainer.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/Behavior.java
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*******************************************************************************/
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Found in path(s):
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* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/behaviors/Synchronized.java
*
 /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/behaviors/Behaviors.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/behaviors/Automated.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/injectors/NamedMethodInjector.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/behaviors/ImplementationHiding.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/PicoClassNotFoundException.java

* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/behaviors/HiddenImplementation.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/containers/CommandLinePicoContainer.java
*
 /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/injectors/NamedFieldInjector.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/PicoBuilder.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/monitors/LifecycleComponentMonitor.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/behaviors/Automating.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/BehaviorFactory.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/parameters/ComponentParameter.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/injectors/Injectors.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/InjectionFactory.java
*
 /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/adapters/InstanceAdapter.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/injectors/AnnotatedMethodInjector.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/parameters/BasicComponentParameter.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/ComponentFactory.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/injectors/TypedFieldInjector.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/injectors/AnnotatedFieldInjection.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/injectors/AnnotatedFieldInjector.java
*
 /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/injectors/SetterInjector.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/containers/TransientPicoContainer.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/annotations/Inject.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/PicoException.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/NameBinding.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-

jar/org/picocontainer/annotations/Nullable.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/behaviors/Locked.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/containers/ImmutablePicoContainer.java
*
/opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/injectors/TypedFieldInjection.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/PicoContainer.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/lifecycle/NullLifecycleStrategy.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/annotations/Cache.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/behaviors/PropertyApplicator.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/adapters/AbstractAdapter.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/behaviors/Synchronizing.java
*
/opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/injectors/NamedFieldInjection.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/behaviors/AdaptingBehavior.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/behaviors/Locking.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/PicoVerificationException.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/Characteristics.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/parameters/CollectionComponentParameter.java
* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/injectors/AbstractInjector.java
*
/opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/DefaultPicoContainer.java
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* Original code by Joerg Schaibe                                            *
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* /opt/cola/permits/1609378137_1679477206.0768278/0/picocontainer-2-13-5-sources-2-jar/org/picocontainer/behaviors/FieldDecorating.java

1.1961 spring-security-taglibs 3.0.6.RELEASE

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* /opt/cola/permits/1609378150_1680759140.318719/0/spring-security-taglibs-3-0-6-release-sources-4-jar/org/springframework/security/taglibs/authz/AuthenticationTag.java
* /opt/cola/permits/1609378150_1680759140.318719/0/spring-security-taglibs-3-0-6-release-sources-4-jar/org/springframework/security/taglibs/velocity/AuthzImpl.java
* /opt/cola/permits/1609378150_1680759140.318719/0/spring-security-taglibs-3-0-6-release-sources-4-jar/org/springframework/security/taglibs/velocity/Authz.java
* /opt/cola/permits/1609378150_1680759140.318719/0/spring-security-taglibs-3-0-6-release-sources-4-jar/org/springframework/security/taglibs/authz/LegacyAuthorizeTag.java
* /opt/cola/permits/1609378150_1680759140.318719/0/spring-security-taglibs-3-0-6-release-sources-4-jar/org/springframework/security/taglibs/authz/AccessControlListTag.java

1.1962 pcap4j-core 1.6.0

1.1962.1 Available under license :

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```
/**
  * Confidential: 0xF135
  */
```

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* /opt/cola/permits/1609376294_1679477214.1764877/0/pcap4j-core-1-6-0-sources-1-jar/org/pcap4j/packet/namednumber/IpV4SecurityOptionSecurity.java
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```
/**
  * Proprietary Authentication Protocol: 0xc281
  */
/**
  * Proprietary Authentication Protocol: 0xc283
  */
/**
  * Proprietary Node ID Authentication Protocol: 0xc481
  */
```

Found in path(s):
* /opt/cola/permits/1609376294_1679477214.1764877/0/pcap4j-core-1-6-0-sources-1-jar/org/pcap4j/packet/namednumber/PppDllProtocol.java

1.1963 pax-web-extender-war 2.1.6

1.1963.1 Available under license :

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* /opt/cola/permits/1609378496_1679477183.3411107/0/pax-web-extender-war-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/war/internal/WebAppHttpContext.java
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* /opt/cola/permits/1609378496_1679477183.3411107/0/pax-web-extender-war-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/war/internal/model/WebAppServletContainerInitializer.java
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* /opt/cola/permits/1609378496_1679477183.3411107/0/pax-web-extender-war-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/war/internal/model/WebAppSecurityConstraint.java
* /opt/cola/permits/1609378496_1679477183.3411107/0/pax-web-extender-war-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/war/internal/model/WebAppConstraintMapping.java
* /opt/cola/permits/1609378496_1679477183.3411107/0/pax-web-extender-war-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/war/internal/model/WebAppSecurityRole.java
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* /opt/cola/permits/1609378496_1679477183.3411107/0/pax-web-extender-war-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/war/internal/model/WebAppFilterMapping.java
* /opt/cola/permits/1609378496_1679477183.3411107/0/pax-web-extender-war-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/war/internal/util/WebContainerUtils.java
* /opt/cola/permits/1609378496_1679477183.3411107/0/pax-web-extender-war-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/war/internal/UnregisterWebAppVisitorHS.java
* /opt/cola/permits/1609378496_1679477183.3411107/0/pax-web-extender-war-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/war/internal/model/WebAppInitParam.java
* /opt/cola/permits/1609378496_1679477183.3411107/0/pax-web-extender-war-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/war/internal/model/WebAppListener.java
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* /opt/cola/permits/1609378496_1679477183.3411107/0/pax-web-extender-war-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/war/internal/model/WebAppServlet.java
* /opt/cola/permits/1609378496_1679477183.3411107/0/pax-web-extender-war-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/war/internal/parser/dom/DOMWebXmlParser.java
* /opt/cola/permits/1609378496_1679477183.3411107/0/pax-web-extender-war-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/war/internal/model/WebAppServletMapping.java
* /opt/cola/permits/1609378496_1679477183.3411107/0/pax-web-extender-war-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/war/internal/WebXmlParser.java
* /opt/cola/permits/1609378496_1679477183.3411107/0/pax-web-extender-war-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/war/internal/model/WebAppFilter.java
* /opt/cola/permits/1609378496_1679477183.3411107/0/pax-web-extender-war-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/war/internal/UnregisterWebAppVisitorWC.java
* /opt/cola/permits/1609378496_1679477183.3411107/0/pax-web-extender-war-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/war/internal/RegisterWebAppVisitorWC.java
* /opt/cola/permits/1609378496_1679477183.3411107/0/pax-web-extender-war-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/war/internal/WebAppPublisher.java
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* /opt/cola/permits/1609378496_1679477183.3411107/0/pax-web-extender-war-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/war/internal/extender/Extension.java
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 /opt/cola/permits/1609378496_1679477183.3411107/0/pax-web-extender-war-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/war/internal/extender/SimpleExtension.java
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* /opt/cola/permits/1609378496_1679477183.3411107/0/pax-web-extender-war-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/war/internal/model/WebAppErrorPage.java
* /opt/cola/permits/1609378496_1679477183.3411107/0/pax-web-extender-war-2-1-6-sources-1-jar/org/ops4j/pax/web/extender/war/internal/model/WebAppMimeMapping.java

1.1964 spring-security-acl 3.0.6.RELEASE

1.1964.1 Available under license :

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* /opt/cola/permits/1609376045_1679477157.9532175/0/spring-security-acl-3-0-6-release-sources-4-jar/org/springframework/security/acls/model/Acl.java
* /opt/cola/permits/1609376045_1679477157.9532175/0/spring-security-acl-3-0-6-release-sources-4-jar/org/springframework/security/acls/jdbc/JdbcMutableAclService.java
* /opt/cola/permits/1609376045_1679477157.9532175/0/spring-security-acl-3-0-6-release-sources-4-jar/org/springframework/security/acls/AclEntryVoter.java
* /opt/cola/permits/1609376045_1679477157.9532175/0/spring-security-acl-3-0-6-release-sources-4-jar/org/springframework/security/acls/domain/AclFormattingUtils.java
* /opt/cola/permits/1609376045_1679477157.9532175/0/spring-security-acl-3-0-6-release-sources-4-jar/org/springframework/security/acls/afterinvocation/CollectionFilterer.java
* /opt/cola/permits/1609376045_1679477157.9532175/0/spring-security-acl-3-0-6-release-sources-4-jar/org/springframework/security/acls/jdbc/LookupStrategy.java
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* /opt/cola/permits/1609376045_1679477157.9532175/0/spring-security-acl-3-0-6-release-sources-4-jar/org/springframework/security/acls/model/Permission.java
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* /opt/cola/permits/1609376045_1679477157.9532175/0/spring-security-acl-3-0-6-release-sources-4-jar/org/springframework/security/acls/domain/ObjectIdentityImpl.java
* /opt/cola/permits/1609376045_1679477157.9532175/0/spring-security-acl-3-0-6-release-sources-4-jar/org/springframework/security/acls/model/Sid.java
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* /opt/cola/permits/1609376045_1679477157.9532175/0/spring-security-acl-3-0-6-release-sources-4-jar/org/springframework/security/acls/afterinvocation/Filterer.java
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* /opt/cola/permits/1609376045_1679477157.9532175/0/spring-security-acl-3-0-6-release-sources-4-jar/org/springframework/security/acls/domain/BasePermission.java
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1.1965 ohc-core 0.4.2

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* /opt/cola/permits/1609377299_1679477211.855025/0/ohc-core-0-4-2-sources-2-jar/org/caffinitas/ohc/linked/UnsExt.java
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* /opt/cola/permits/1609377299_1679477211.855025/0/ohc-core-0-4-2-sources-2-jar/org/caffinitas/ohc/tables/KeyBuffer.java
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jar/org/caffinitas/ohc/OHCacheStats.java
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* /opt/cola/permits/1609377299_1679477211.855025/0/ohc-core-0-4-2-sources-2-jar/org/caffinitas/ohc/tables/LongArrayList.java
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* /opt/cola/permits/1609377299_1679477211.855025/0/ohc-core-0-4-2-sources-2-jar/org/caffinitas/ohc/tables/BufferedWritableByteChannel.java
* /opt/cola/permits/1609377299_1679477211.855025/0/ohc-core-0-4-2-sources-2-jar/org/caffinitas/ohc/linked/Uns.java
* /opt/cola/permits/1609377299_1679477211.855025/0/ohc-core-0-4-2-sources-2-jar/org/caffinitas/ohc/linked/Util.java
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* /opt/cola/permits/1609377299_1679477211.855025/0/ohc-core-0-4-2-sources-2-jar/org/caffinitas/ohc/linked/KeyBuffer.java
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* /opt/cola/permits/1609377299_1679477211.855025/0/ohc-core-0-4-2-sources-2-jar/org/caffinitas/ohc/linked/HashEntries.java
* /opt/cola/permits/1609377299_1679477211.855025/0/ohc-core-0-4-2-sources-2-jar/org/caffinitas/ohc/linked/DecompressingInputChannel.java
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* /opt/cola/permits/1609377299_1679477211.855025/0/ohc-core-0-4-2-sources-2-jar/org/caffinitas/ohc/TemporaryLoadException.java
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1.1966 netty-transport-sctp 4.0.36.Final

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* /opt/cola/permits/1609376053_1680759140.3288548/0/netty-transport-sctp-4-0-36-final-sources-2-jar/io/netty/channel/sctp/package-info.java
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* /opt/cola/permits/1609376053_1680759140.3288548/0/netty-transport-sctp-4-0-36-final-sources-2-jar/io/netty/handler/codec/sctp/SctpMessageCompletionHandler.java
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* /opt/cola/permits/1609376053_1680759140.3288548/0/netty-transport-sctp-4-0-36-final-sources-2-jar/com/sun/nio/sctp/ShutdownNotification.java

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* /opt/cola/permits/1609376053_1680759140.3288548/0/netty-transport-sctp-4-0-36-final-sources-2-jar/io/netty/channel/sctp/nio/NioSctpServerChannel.java

1.1967 ohc-core-j8 0.4.2

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* /opt/cola/permits/1609376068_1679477159.5148807/0/ohc-core-j8-0-4-2-sources-2-jar/org/caffinitas/ohc/DummyJavadocPlaceholder.java

1.1968 lettuce-core 5.1.4.RELEASE

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1.1969 plexus-utils 1.5.10

1.1969.1 Available under license :

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1.1970 owner-extras 1.0.9

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* /opt/cola/permits/1610201607_1680759140.4239974/0/owner-extras-1-0-9-sources-1-jar/sun/net/www/protocol/zookeeper/ZooKeeperConnection.java
* /opt/cola/permits/1610201607_1680759140.4239974/0/owner-extras-1-0-9-sources-1-jar/org/aeonbits/owner/loaders/ZooKeeperLoader.java
* /opt/cola/permits/1610201607_1680759140.4239974/0/owner-extras-1-0-9-sources-1-jar/sun/net/www/protocol/zookeeper/Handler.java
* /opt/cola/permits/1610201607_1680759140.4239974/0/owner-extras-1-0-9-sources-1-jar/sun/net/www/protocol/zookeeper/NoRetryPolicy.java

1.1971 sisu-equinox-launching 1.0.0

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* /opt/cola/permits/1610201877_1679508838.6032388/0/sisu-equinox-launching-1-0-0-sources-1-jar/org/eclipse/sisu/equinox/launching/DefaultEquinoxInstallationDescription.java
* /opt/cola/permits/1610201877_1679508838.6032388/0/sisu-equinox-launching-1-0-0-sources-1-jar/org/eclipse/sisu/equinox/launching/internal/DefaultEquinoxInstallationFactory.java

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* /opt/cola/permits/1610201877_1679508838.6032388/0/sisu-equinox-launching-1-0-0-sources-1-jar/org/eclipse/sisu/equinox/launching/internal/DefaultEquinoxInstallation.java
* /opt/cola/permits/1610201877_1679508838.6032388/0/sisu-equinox-launching-1-0-0-sources-1-jar/org/eclipse/sisu/equinox/launching/EquinoxLauncher.java
* /opt/cola/permits/1610201877_1679508838.6032388/0/sisu-equinox-launching-1-0-0-sources-1-jar/org/eclipse/sisu/equinox/launching/EquinoxInstallationFactory.java
* /opt/cola/permits/1610201877_1679508838.6032388/0/sisu-equinox-launching-1-0-0-sources-1-

jar/org/eclipse/sisu/equinox/launching/EquinoxLaunchingException.java
* /opt/cola/permits/1610201877_1679508838.6032388/0/sisu-equinox-launching-1-0-0-sources-1-jar/org/eclipse/sisu/equinox/launching/EquinoxInstallation.java
* /opt/cola/permits/1610201877_1679508838.6032388/0/sisu-equinox-launching-1-0-0-sources-1-jar/org/eclipse/sisu/equinox/launching/internal/P2ApplicationLauncher.java
* /opt/cola/permits/1610201877_1679508838.6032388/0/sisu-equinox-launching-1-0-0-sources-1-jar/org/eclipse/sisu/equinox/launching/BundleStartLevel.java
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1.1972 grpc-stub 1.10.0

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1.1973 plexus-archiver 2.3

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*
 /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/util/FilePermission.java
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* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-

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* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/AbstractUnArchiver.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/jar/ManifestConstants.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/zip/AbstractZipArchiver.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/tar/TarBZip2UnArchiver.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/bzip2/BZip2Archiver.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/Archiver.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/bzip2/BZip2Compressor.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/gzip/GZipArchiver.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/UnArchiver.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/tar/TarGZipUnArchiver.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/AbstractArchiver.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/util/Compressor.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-

jar/org/codehaus/plexus/archiver/gzip/GZipUnArchiver.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/tar/TarArchiver.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/bzip2/BZip2UnArchiver.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/util/EnumeratedAttribute.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/jar/ManifestException.java
*
 /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/zip/ZipUnArchiver.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/jar/JdkManifestFactory.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/gzip/GZipCompressor.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/zip/ZipArchiver.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/ArchiveEntry.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/jar/Manifest.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/zip/AbstractZipUnArchiver.java
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 /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/jar/JarArchiver.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/tar/TarUnArchiver.java
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* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/tar/TarConstants.java

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* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/tar/TarInputStream.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/tar/TarEntry.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/war/WarArchiver.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/tar/PosixTarEntry.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/tar/TarLongFileMode.java
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* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/manager/ArchiverManager.java
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* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/manager/DefaultArchiverManager.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/bzip2/BZip2Constants.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/manager/NoSuchArchiverException.java
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* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/zip/AsiExtraField.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/bzip2/CRC.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/zip/ZipShort.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-

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* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/zip/ZipLong.java
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* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/ear/EarArchiver.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/zip/ZipOutputStream.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/bzip2/CBZip2OutputStream.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/zip/ZipEntry.java
* /opt/cola/permits/1610201989_1679508763.3987856/0/plexus-archiver-2-3-sources-1-jar/org/codehaus/plexus/archiver/bzip2/CBZip2InputStream.java

1.1974 plexus-utils 3.0.9

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1.1975 sisu-equinox-embedder 1.0.0

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* /opt/cola/permits/1610201673_1679508710.9966505/0/sisu-equinox-embedder-1-0-0-sources-1-jar/org/eclipse/sisu/equinox/embedder/EquinoxRuntimeLocator.java
* /opt/cola/permits/1610201673_1679508710.9966505/0/sisu-equinox-embedder-1-0-0-sources-1-jar/org/eclipse/sisu/equinox/embedder/EmbeddedEquinox.java
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1.1976 tycho-p2-repository-plugin 1.0.0

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1.1977 grpc-protobuf-lite 1.10.0

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1.1978 tycho-p2-facade 1.0.0

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1.1979 plexus-digest 1.0

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* /opt/cola/permits/1610201717_1679508851.06256/0/plexus-digest-1-0-sources-1-jar/org/codehaus/plexus/digest/Hex.java
* /opt/cola/permits/1610201717_1679508851.06256/0/plexus-digest-1-0-sources-1-jar/org/codehaus/plexus/digest/DigesterException.java
* /opt/cola/permits/1610201717_1679508851.06256/0/plexus-digest-1-0-sources-1-jar/org/codehaus/plexus/digest/Sha1Digester.java
* /opt/cola/permits/1610201717_1679508851.06256/0/plexus-digest-1-0-sources-1-jar/org/codehaus/plexus/digest/Digester.java
* /opt/cola/permits/1610201717_1679508851.06256/0/plexus-digest-1-0-sources-1-jar/org/codehaus/plexus/digest/StreamingDigester.java
* /opt/cola/permits/1610201717_1679508851.06256/0/plexus-digest-1-0-sources-1-jar/org/codehaus/plexus/digest/Md5Digester.java
* /opt/cola/permits/1610201717_1679508851.06256/0/plexus-digest-1-0-sources-1-jar/org/codehaus/plexus/digest/StreamingSha1Digester.java
* /opt/cola/permits/1610201717_1679508851.06256/0/plexus-digest-1-0-sources-1-jar/org/codehaus/plexus/digest/StreamingMd5Digester.java
* /opt/cola/permits/1610201717_1679508851.06256/0/plexus-digest-1-0-sources-1-jar/org/codehaus/plexus/digest/AbstractDigester.java
* /opt/cola/permits/1610201717_1679508851.06256/0/plexus-digest-1-0-sources-1-jar/org/codehaus/plexus/digest/AbstractStreamingDigester.java

1.1980 owner-java8 1.0.9

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* /opt/cola/permits/1610201543_1680759142.2374713/0/owner-java8-1-0-9-sources-1-jar/org/aeonbits/owner/util/Java8SupportImpl.java
* /opt/cola/permits/1610201543_1680759142.2374713/0/owner-java8-1-0-9-sources-1-jar/org/aeonbits/owner/dummy/DummyJava8Readme.java

1.1981 plexus-velocity 1.1.8

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* /opt/cola/permits/1610201651_1680759144.0344937/0/plexus-velocity-1-1-8-sources-1-jar/org/codehaus/plexus/velocity/ContextClassLoaderResourceLoader.java
* /opt/cola/permits/1610201651_1680759144.0344937/0/plexus-velocity-1-1-8-sources-1-jar/org/codehaus/plexus/velocity/SiteResourceLoader.java
* /opt/cola/permits/1610201651_1680759144.0344937/0/plexus-velocity-1-1-8-sources-1-

jar/org/codehaus/plexus/velocity/DefaultVelocityComponent.java
*
/opt/cola/permits/1610201651_1680759144.0344937/0/plexus-velocity-1-1-8-sources-1-jar/org/codehaus/plexus/velocity/VelocityComponent.java

1.1982 plexus-archiver 2.9.1

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* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/util/ArchiveEntryUtils.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/diags/NoOpArchiver.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/util/ArchiverAttributeUtils.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/util/AbstractFileSet.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/resources/PlexusIoVirtualFileResource.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/resources/PlexusIoVirtualSymlinkResource.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/diags/DelgatingArchiver.java
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* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/bzip2/BZip2UnArchiver.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/zip/AbstractZipArchiver.java
*
 /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/gzip/GZipUnArchiver.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/tar/TarBZip2UnArchiver.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/jar/ManifestConstants.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/Archiver.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/UnArchiver.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/ArchiveEntry.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/jar/ManifestException.java
*
 /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/bzip2/BZip2Compressor.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/tar/TarGZipUnArchiver.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/jar/Manifest.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/jar/JarArchiver.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/bzip2/BZip2Archiver.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/gzip/GZipArchiver.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/zip/ZipArchiver.java
*

/opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/AbstractUnArchiver.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/gzip/GZipCompressor.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/tar/TarUnArchiver.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/zip/AbstractZipUnArchiver.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/zip/ZipUnArchiver.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/util/Compressor.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/jar/JdkManifestFactory.java
*
/opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/AbstractArchiver.java
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* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/diags/TrackingArchiver.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/util/FilePermissionUtils.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/diags/DryRunArchiver.java
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* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/war/WarArchiver.java
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* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/manager/NoSuchArchiverException.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/manager/DefaultArchiverManager.java
* /opt/cola/permits/1610201996_1680759144.4543602/0/plexus-archiver-2-9-1-sources-1-jar/org/codehaus/plexus/archiver/manager/ArchiverManager.java

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1.1983 tycho-metadata-model 1.0.0

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* /opt/cola/permits/1610201517_1679508765.1371195/0/tycho-metadata-model-1-0-0-sources-1-jar/org/eclipse/tycho/model/BundleConfiguration.java
* /opt/cola/permits/1610201517_1679508765.1371195/0/tycho-metadata-model-1-0-0-sources-1-jar/org/eclipse/tycho/model/Platform.java
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* /opt/cola/permits/1610201517_1679508765.1371195/0/tycho-metadata-model-1-0-0-sources-1-jar/org/eclipse/tycho/model/PluginRef.java
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1.1984 grpc-netty 1.10.0

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* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/CancelServerStreamCommand.java
* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/WriteQueue.java
* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/NettyClientStream.java
* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/AbstractNettyHandler.java
* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/NettyWritableBuffer.java
* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/NettyWritableBufferAllocator.java
* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/NettyChannelProvider.java
* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/package-info.java
* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/JettyTlsUtil.java
* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/ProtocolNegotiator.java
* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/GrpcSslContexts.java
* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/NettyServerProvider.java
* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/ProtocolNegotiators.java
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* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/NettyHandlerSettings.java
* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/InternalNettyChannelBuilder.java
* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/GrpcHttp2ConnectionHandler.java
* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/InternalNettyServerBuilder.java
* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/AbstractHttp2Headers.java
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* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/GracefulCloseCommand.java
* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/ClientTransportLifecycleManager.java
* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/GrpcHttp2OutboundHeaders.java
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* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/NettyReadableBuffer.java
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* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/NettyServerBuilder.java
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* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/SendGrpcFrameCommand.java
* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/NegotiationType.java
* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/CreateStreamCommand.java
* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/NettyClientTransport.java
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* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/NettyChannelBuilder.java
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* /opt/cola/permits/1610201917_1680759144.730199/0/grpc-netty-1-10-0-sources-1-jar/io/grpc/netty/KeepAliveEnforcer.java

1.1985 tycho-packaging-plugin 1.0.0

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1.1986 plexus-io 2.0.6

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* /opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-jar/org/codehaus/plexus/components/io/attributes/Java7Reflector.java

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*

/opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-jar/org/codehaus/plexus/components/io/fileselectors/FileSelector.java
* /opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-jar/org/codehaus/plexus/components/io/resources/proxy/PlexusIoProxyResourceCollection.java
* /opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-jar/org/codehaus/plexus/components/io/attributes/AttributeConstants.java
* /opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-jar/org/codehaus/plexus/components/io/filemappers/FlattenFileMapper.java
* /opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-jar/org/codehaus/plexus/components/io/fileselectors/AllFilesFileSelector.java
* /opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-jar/org/codehaus/plexus/components/io/resources/AbstractPlexusIoResourceCollection.java
* /opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-jar/org/codehaus/plexus/components/io/resources/AbstractPlexusIoResourceWithAttributes.java
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* /opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-jar/org/codehaus/plexus/components/io/resources/PlexusIoFileResource.java
* /opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-jar/org/codehaus/plexus/components/io/resources/AbstractPlexusIoResource.java
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* /opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-jar/org/codehaus/plexus/components/io/filemappers/FileExtensionMapper.java
* /opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-jar/org/codehaus/plexus/components/io/filemappers/MergeFileMapper.java
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/opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-jar/org/codehaus/plexus/components/io/filemappers/RegExpFileMapper.java
* /opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-jar/org/codehaus/plexus/components/io/resources/PlexusIoArchivedResourceCollection.java
* /opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-jar/org/codehaus/plexus/components/io/attributes/PlexusIoResourceAttributes.java
* /opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-jar/org/codehaus/plexus/components/io/attributes/SimpleResourceAttributes.java
* /opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-jar/org/codehaus/plexus/components/io/resources/PlexusIoResourceCollection.java
* /opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-jar/org/codehaus/plexus/components/io/attributes/FileAttributes.java
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* /opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-jar/org/codehaus/plexus/components/io/fileselectors/FileInfo.java
* /opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-jar/org/codehaus/plexus/components/io/filemappers/IdentityMapper.java
* /opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-

jar/org/codehaus/plexus/components/io/resources/PlexusIoZipFileResourceCollection.java
* /opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-
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* /opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-
jar/org/codehaus/plexus/components/io/filemappers/AbstractFileMapper.java
* /opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-
jar/org/codehaus/plexus/components/io/attributes/PlexusIoResourceAttributeUtils.java
*
/opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-
jar/org/codehaus/plexus/components/io/fileselectors/IncludeExcludeFileSelector.java
* /opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-
jar/org/codehaus/plexus/components/io/resources/PlexusIoResourceWithAttributes.java
* /opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-
jar/org/codehaus/plexus/components/io/attributes/Java7FileAttributes.java
* /opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-
jar/org/codehaus/plexus/components/io/resources/PlexusIoURLResource.java
* /opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-
jar/org/codehaus/plexus/components/io/resources/PlexusIoResource.java
* /opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-
jar/org/codehaus/plexus/components/io/filemappers/FileMapper.java
*
/opt/cola/permits/1610201751_1679508859.1069252/0/plexus-io-2-0-6-sources-1-
jar/org/codehaus/plexus/components/io/resources/AbstractPlexusIoArchiveResourceCollection.java

1.1987 jackson-jaxrs-base 2.9.1

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1.1989 eclipse-tycho-noopsecurity 1.0.0

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1.1990 jansi 1.17

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* /opt/cola/permits/1610201811_1680759145.0231385/0/jansi-1-17-sources-1-jar/org/fusesource/jansi/AnsiOutputStream.java
* /opt/cola/permits/1610201811_1680759145.0231385/0/jansi-1-17-sources-1-jar/org/fusesource/jansi/WindowsAnsiOutputStream.java
*

/opt/cola/permits/1610201811_1680759145.0231385/0/jansi-1-17-sources-1-jar/org/fusesource/jansi/Ansi.java
* /opt/cola/permits/1610201811_1680759145.0231385/0/jansi-1-17-sources-1-jar/org/fusesource/jansi/HtmlAnsiOutputStream.java
* /opt/cola/permits/1610201811_1680759145.0231385/0/jansi-1-17-sources-1-jar/org/fusesource/jansi/AnsiMain.java
* /opt/cola/permits/1610201811_1680759145.0231385/0/jansi-1-17-sources-1-jar/org/fusesource/jansi/FilterPrintStream.java
* /opt/cola/permits/1610201811_1680759145.0231385/0/jansi-1-17-sources-1-jar/org/fusesource/jansi/AnsiRenderer.java
* /opt/cola/permits/1610201811_1680759145.0231385/0/jansi-1-17-sources-1-jar/org/fusesource/jansi/AnsiPrintStream.java
* /opt/cola/permits/1610201811_1680759145.0231385/0/jansi-1-17-sources-1-jar/org/fusesource/jansi/AnsiString.java
* /opt/cola/permits/1610201811_1680759145.0231385/0/jansi-1-17-sources-1-jar/org/fusesource/jansi/AnsiConsole.java
*
/opt/cola/permits/1610201811_1680759145.0231385/0/jansi-1-17-sources-1-jar/org/fusesource/jansi/AnsiRenderWriter.java

1.1991 eclipse-tycho-p2-resolver-shared 1.0.0

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* /opt/cola/permits/1610202178_1679508821.6398313/0/org-eclipse-tycho-p2-resolver-shared-1-0-0-sources-1-jar/org/eclipse/tycho/p2/target/facade/TargetDefinitionSyntaxException.java
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* /opt/cola/permits/1610202178_1679508821.6398313/0/org-eclipse-tycho-p2-resolver-shared-1-0-0-sources-1-jar/org/eclipse/tycho/p2/repository/GAV.java
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* /opt/cola/permits/1610202178_1679508821.6398313/0/org-eclipse-tycho-p2-resolver-shared-1-0-0-sources-1-jar/org/eclipse/tycho/p2/target/facade/TargetPlatformConfigurationStub.java
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1.1992 jackson-jaxrs 2.9.1

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1.1994 plexus-utils 3.0.7

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1.1995 jackson-dataformat-yaml 2.8.7

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1.1996 mvel2 2.0.17

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* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/optimizers/impl/refl/nodes/FunctionAccessor.java
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* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/signature/package.html
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/package.html
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* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/ClassWriter.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/FieldWriter.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/util/AbstractVisitor.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/util/TraceFieldVisitor.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/ClassVisitor.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/FieldVisitor.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/Handler.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/ClassReader.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/MethodVisitor.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/MethodAdapter.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/util/TraceAnnotationVisitor.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/Label.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/AnnotationVisitor.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/ClassAdapter.java

* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/util/TraceAbstractVisitor.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/signature/SignatureWriter.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/MethodWriter.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/Frame.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/signature/SignatureReader.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/signature/SignatureVisitor.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/Item.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/AnnotationWriter.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/Type.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/util/TraceClassVisitor.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/util/TraceMethodVisitor.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/Edge.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/util/TraceSignatureVisitor.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/Opcodes.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/Attribute.java
* /opt/cola/permits/1610201796_1679508802.4357839/0/mvel2-2-0-17-sources-3-jar/org/mvel2/asm/ByteVector.java

1.1997 target-platform-configuration 1.0.0

1.1997.1 Available under license :

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* /opt/cola/permits/1610201662_1679508781.0398104/0/target-platform-configuration-1-0-0-sources-1-jar/org/eclipse/tycho/target/TargetPlatformMojo.java

1.1998 simpleclient 0.0.18

1.1998.1 Available under license :

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* /opt/cola/permits/1610201515_1680759145.909476/0/simpleclient-0-0-18-sources-1-jar/io/prometheus/client/DoubleAdder.java
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* /opt/cola/permits/1610201515_1680759145.909476/0/simpleclient-0-0-18-sources-1-jar/io/prometheus/client/Striped64.java
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1.1999 grpc-testing 1.10.0

1.1999.1 Available under license :

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  */
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* /opt/cola/permits/1610201833_1679508849.506796/0/grpc-testing-1-10-0-sources-1-jar/io/grpc/internal/testing/TestUtils.java
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* /opt/cola/permits/1610201833_1679508849.506796/0/grpc-testing-1-10-0-sources-1-jar/io/grpc/testing/StreamRecorder.java
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* /opt/cola/permits/1610201833_1679508849.506796/0/grpc-testing-1-10-0-sources-1-jar/io/grpc/internal/TestingAccessor.java
* /opt/cola/permits/1610201833_1679508849.506796/0/grpc-testing-1-10-0-sources-1-jar/io/grpc/testing/TlsTesting.java
* /opt/cola/permits/1610201833_1679508849.506796/0/grpc-testing-1-10-0-sources-1-jar/io/grpc/testing/TestMethodDescriptors.java
* /opt/cola/permits/1610201833_1679508849.506796/0/grpc-testing-1-10-0-sources-1-jar/io/grpc/internal/testing/TestStreamTracer.java
* /opt/cola/permits/1610201833_1679508849.506796/0/grpc-testing-1-10-0-sources-1-jar/io/grpc/internal/testing/TestClientStreamTracer.java
* /opt/cola/permits/1610201833_1679508849.506796/0/grpc-testing-1-10-0-sources-1-jar/io/grpc/internal/testing/SingleMessageProducer.java
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* /opt/cola/permits/1610201833_1679508849.506796/0/grpc-testing-1-10-0-sources-1-jar/io/grpc/internal/NoopClientCall.java
* /opt/cola/permits/1610201833_1679508849.506796/0/grpc-testing-1-10-0-sources-1-jar/io/grpc/internal/testing/AbstractClientTransportFactoryTest.java
* /opt/cola/permits/1610201833_1679508849.506796/0/grpc-testing-1-10-0-sources-1-jar/io/grpc/internal/testing/StatsTestUtils.java
* /opt/cola/permits/1610201833_1679508849.506796/0/grpc-testing-1-10-0-sources-1-jar/io/grpc/internal/NoopServerCall.java
* /opt/cola/permits/1610201833_1679508849.506796/0/grpc-testing-1-10-0-sources-1-jar/io/grpc/testing/GrpcServerRule.java
* /opt/cola/permits/1610201833_1679508849.506796/0/grpc-testing-1-10-0-sources-1-jar/io/grpc/internal/testing/AbstractTransportTest.java
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1.2000 grpc-protobuf 1.10.0

1.2000.1 Available under license :

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* /opt/cola/permits/1610201550_1679508832.942187/0/grpc-protobuf-1-10-0-sources-1-jar/io/grpc/protobuf/StatusProto.java
* /opt/cola/permits/1610201550_1679508832.942187/0/grpc-protobuf-1-10-0-sources-1-jar/io/grpc/protobuf/ProtoServiceDescriptorSupplier.java
* /opt/cola/permits/1610201550_1679508832.942187/0/grpc-protobuf-1-10-0-sources-1-jar/io/grpc/protobuf/ProtoMethodDescriptorSupplier.java
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1.2001 jackson-xc 2.9.1

1.2001.1 Available under license :

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1.2002 sisu-equinox-api 1.0.0

1.2002.1 Available under license :

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* /opt/cola/permits/1610201804_1680759146.7284875/0/sisu-equinox-api-1-0-0-sources-1-jar/org/eclipse/sisu/equinox/EquinoxServiceFactory.java

1.2003 parboiled-java 1.1.4

1.2003.1 Available under license :

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* /opt/cola/permits/1610201629_1679508844.24962/0/parboiled-java-1-1-4-sources-2-jar/org/parboiled/transform/InstructionGraphCreator.java
* /opt/cola/permits/1610201629_1679508844.24962/0/parboiled-java-1-1-4-sources-2-jar/org/parboiled/transform/RuleMethodRewriter.java
* /opt/cola/permits/1610201629_1679508844.24962/0/parboiled-java-1-1-4-sources-2-jar/org/parboiled/transform/RuleMethodInterpreter.java
* /opt/cola/permits/1610201629_1679508844.24962/0/parboiled-java-1-1-4-sources-2-jar/org/parboiled/transform/InstructionGraphNode.java
* /opt/cola/permits/1610201629_1679508844.24962/0/parboiled-java-1-1-4-sources-2-jar/org/parboiled/transform/InstructionGroupCreator.java
*
 /opt/cola/permits/1610201629_1679508844.24962/0/parboiled-java-1-1-4-sources-2-jar/org/parboiled/transform/ClassNodeInitializer.java
* /opt/cola/permits/1610201629_1679508844.24962/0/parboiled-java-1-1-4-sources-2-jar/org/parboiled/transform/CachingGenerator.java
* /opt/cola/permits/1610201629_1679508844.24962/0/parboiled-java-1-1-4-sources-2-jar/org/parboiled/transform/RuleMethod.java
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* /opt/cola/permits/1610201629_1679508844.24962/0/parboiled-java-1-1-4-sources-2-jar/org/parboiled/annotations/BuildParseTree.java
* /opt/cola/permits/1610201629_1679508844.24962/0/parboiled-java-1-1-4-sources-2-jar/org/parboiled/Parboiled.java
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1.2004 tycho-embedder-api 1.0.0

1.2004.1 Available under license :

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1.2005 simpleclient-servlet 0.0.18

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*   Sonatype, Inc. - adapted for Tycho
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* /opt/cola/permits/1610201930_1680759150.1931698/0/org-eclipse-tycho-p2-maven-repository-1-0-0-sources-2-jar/org/eclipse/tycho/repository/local/LocalArtifactRepository.java
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* /opt/cola/permits/1610201930_1680759150.1931698/0/org-eclipse-tycho-p2-maven-repository-1-0-0-sources-2-jar/org/eclipse/tycho/repository/util/internal/BundleConstants.java
* /opt/cola/permits/1610201930_1680759150.1931698/0/org-eclipse-tycho-p2-maven-repository-1-0-0-sources-2-jar/org/eclipse/tycho/repository/local/GAVArtifactDescriptor.java
*
 /opt/cola/permits/1610201930_1680759150.1931698/0/org-eclipse-tycho-p2-maven-repository-1-0-0-sources-2-jar/org/eclipse/tycho/repository/local/PackedFormatMirroringArtifactProvider.java
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* /opt/cola/permits/1610201930_1680759150.1931698/0/org-eclipse-tycho-p2-maven-repository-1-0-0-sources-2-jar/org/eclipse/tycho/repository/p2base/artifact/provider/CompositeArtifactProvider.java
* /opt/cola/permits/1610201930_1680759150.1931698/0/org-eclipse-tycho-p2-maven-repository-1-0-0-sources-2-jar/org/eclipse/tycho/repository/p2base/artifact/repository/RepositoryArtifactProvider.java
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1.2007 jackson-datatype-protobuf 0.9.8-jackson2.8-proto2

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   *
   * @param version the OS version to check for
   * @return true if the OS matches
   * @since 1.0
   */
```

Found in path(s):
* /opt/cola/permits/1610201819_1680500513.3035572/0/plexus-interpolation-1-13-sources-1-jar/org/codehaus/plexus/interpolation/os/Os.java
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* /opt/cola/permits/1610201819_1680500513.3035572/0/plexus-interpolation-1-13-sources-1-jar/org/codehaus/plexus/interpolation/InterpolatorFilterReader.java
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* /opt/cola/permits/1610201819_1680500513.3035572/0/plexus-interpolation-1-13-sources-1-jar/org/codehaus/plexus/interpolation/reflection/ReflectionValueExtractor.java
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*
 /opt/cola/permits/1610201819_1680500513.3035572/0/plexus-interpolation-1-13-sources-1-jar/org/codehaus/plexus/interpolation/PrefixedPropertiesValueSource.java

1.2009 plexus-build-api 0.0.4

1.2009.1 Available under license :

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* /opt/cola/permits/1610201855_1680500983.2115834/0/plexus-build-api-0-0-4-sources-1-jar/org/sonatype/plexus/build/incremental/EmptyScanner.java
* /opt/cola/permits/1610201855_1680500983.2115834/0/plexus-build-api-0-0-4-sources-1-jar/org/sonatype/plexus/build/incremental/DefaultBuildContext.java
*
 /opt/cola/permits/1610201855_1680500983.2115834/0/plexus-build-api-0-0-4-sources-1-jar/org/sonatype/plexus/build/incremental/BuildContext.java
* /opt/cola/permits/1610201855_1680500983.2115834/0/plexus-build-api-0-0-4-sources-1-

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1.2010 tycho-p2-publisher-plugin 1.0.0

1.2010.1 Available under license :

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* /opt/cola/permits/1610201937_1680759327.1155443/0/tycho-p2-publisher-plugin-1-0-0-sources-1-jar/org/eclipse/tycho/plugins/p2/publisher/PublishProductMojo.java
* /opt/cola/permits/1610201937_1680759327.1155443/0/tycho-p2-publisher-plugin-1-0-0-sources-1-jar/org/eclipse/tycho/plugins/p2/publisher/AbstractPublishMojo.java
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1.2011 plexus-io 2.4.1

1.2011.1 Available under license :

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* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/fileselectors/FileSelector.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/resources/AbstractPlexusIoResourceCollectionWithAttributes.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/resources/PlexusIoResourceCollection.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/resources/PlexusIoArchivedResourceCollection.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/resources/AbstractPlexusIoResourceCollection.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/filemappers/FlattenFileMapper.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/attributes/AttributeConstants.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/resources/PlexusIoURLResource.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/fileselectors/IncludeExcludeFileSelector.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/filemappers/MergeFileMapper.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/resources/PlexusIoZipFileResourceCollection.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/attributes/PlexusIoResourceAttributes.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/fileselectors/FileInfo.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/filemappers/FileExtensionMapper.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/resources/PlexusIoCompressedFileResourceCollection.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/resources/PlexusIoResource.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/filemappers/FileMapper.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/resources/PlexusIoFileResource.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/filemappers/AbstractFileMapper.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/resources/AbstractPlexusIoResource.java
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/opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/attributes/FileAttributes.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/resources/PlexusIoFileResourceCollection.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/filemappers/RegExpFileMapper.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/fileselectors/AllFilesFileSelector.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/attributes/PlexusIoResourceAttributeUtils.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/attributes/Java7FileAttributes.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/resources/proxy/PlexusIoProxyResourceCollection.java
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/opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/attributes/SimpleResourceAttributes.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/filemappers/PrefixFileMapper.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/filemappers/IdentityMapper.java
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* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/attributes/Java7Reflector.java
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* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/functions/SymlinkDestinationSupplier.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/functions/SizeSupplier.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/functions/FileSupplier.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/functions/ContentSupplier.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/functions/InputStreamTransformer.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/functions/ResourceAttributeSupplier.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/resources/Deferred.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/functions/NameSupplier.java
* /opt/cola/permits/1610201746_1679508813.0992856/0/plexus-io-2-4-1-sources-1-jar/org/codehaus/plexus/components/io/attributes/SymlinkUtils.java

1.2012 eclipse-tycho-p2-tools-shared 1.0.0

1.2012.1 Available under license :

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* /opt/cola/permits/1610201841_1679508836.89308/0/org-eclipse-tycho-p2-tools-shared-1-0-0-sources-1-jar/org/eclipse/tycho/p2/tools/FacadeException.java
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* /opt/cola/permits/1610201841_1679508836.89308/0/org-eclipse-tycho-p2-tools-shared-1-0-0-sources-1-jar/org/eclipse/tycho/p2/tools/publisher/facade/PublisherService.java
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1.2013 tycho-p2-director-plugin 1.0.0

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1.2014 pegdown 1.2.1

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* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-
jar/org/codehaus/plexus/archiver/bzip2/CBZip2InputStream.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-
jar/org/codehaus/plexus/archiver/bzip2/CBZip2OutputStream.java
*
 /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-
jar/org/codehaus/plexus/archiver/ear/EarArchiver.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-
jar/org/codehaus/plexus/archiver/zip/ZipOutputStream.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-
jar/org/codehaus/plexus/archiver/zip/ZipEntry.java
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* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/tar/TarBuffer.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/tar/TarUtils.java
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* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/zip/ExtraFieldUtils.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/zip/UnrecognizedExtraField.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/bzip2/CRC.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/zip/ZipLong.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/zip/ZipShort.java
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* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/zip/AbstractZipUnArchiver.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/UnArchiver.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/jar/Manifest.java

*
 /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/Archiver.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/zip/ZipUnArchiver.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/AbstractArchiver.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/gzip/GZipArchiver.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/bzip2/BZip2UnArchiver.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/tar/TarUnArchiver.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/util/EnumeratedAttribute.java
*
 /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/tar/TarBZip2UnArchiver.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/gzip/GZipCompressor.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/jar/JarArchiver.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/jar/ManifestException.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/ArchiveEntry.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/bzip2/BZip2Compressor.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/bzip2/BZip2Archiver.java
*
 /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/AbstractUnArchiver.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/zip/ZipArchiver.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/zip/AbstractZipArchiver.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/tar/TarGZipUnArchiver.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/util/Compressor.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/tar/TarArchiver.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/gzip/GZipUnArchiver.java
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* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/zip/ZipExtraField.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/manager/DefaultArchiverManager.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/manager/ArchiverManager.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/UnixStat.java
* /opt/cola/permits/1610201982_1680759152.3703253/0/plexus-archiver-1-0-sources-1-jar/org/codehaus/plexus/archiver/manager/NoSuchArchiverException.java
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* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/util/URIUtil.java
* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/log/Log.java
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* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/util/MultiException.java
* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/log/StdErrLog.java
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* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/util/MultiPartOutputStream.java
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* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/util/ajax/JSONPojoConvertor.java
* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/util/Utf8StringBuffer.java
* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/util/Scanner.java
* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/thread/ThreadPool.java
* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/servlet/GzipFilter.java
* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/servlet/NoJspServlet.java
* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/servlet/ConcatServlet.java
* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/util/Attributes.java
* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/util/ajax/JSON.java
* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/util/ajax/JSONDateConvertor.java
* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/log/Slf4jLog.java
* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/util/ajax/WaitingContinuation.java
* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/util/IntrospectionUtil.java
* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/log/Logger.java
* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/component/Container.java

* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/servlet/CGI.java
* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/util/ajax/JSONEnumConvertor.java
* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/util/RolloverFileOutputStream.java
* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/util/ajax/ContinuationSupport.java
* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/util/ajax/JSONObjectConvertor.java
* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/servlet/RestFilter.java
*
 /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/thread/Timeout.java
* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/util/ajax/AjaxFilter.java
* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/component/AbstractLifeCycle.java
* /opt/cola/permits/1610201701_1679508779.7178583/0/jetty-util-6-1-25-sources-1-jar/org/mortbay/util/AttributesMap.java

1.2018 tycho-testing-harness 1.0.0

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* /opt/cola/permits/1610201900_1679508853.0589228/0/tycho-testing-harness-1-0-0-sources-1-jar/org/eclipse/tycho/testing/CompoundRuntimeException.java
* /opt/cola/permits/1610201900_1679508853.0589228/0/tycho-testing-harness-1-0-0-sources-1-jar/org/eclipse/tycho/test/AbstractTychoIntegrationTest.java
*

/opt/cola/permits/1610201900_1679508853.0589228/0/tycho-testing-harness-1-0-0-sources-1-jar/org/eclipse/tycho/testing/StubEquinoxRuntimeLocator.java
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* /opt/cola/permits/1610201900_1679508853.0589228/0/tycho-testing-harness-1-0-0-sources-1-jar/org/eclipse/tycho/test/util/EclipseInstallationTool.java

1.2019 asm-tree 4.1

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*/
/**
  * Constructs a new {@link Textifier}. Subclasses must not use this
  * constructor. Instead, they must use the {@link #Textifier(int)}
  * version.
  */

Found in path(s):
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/util/Textifier.java
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/**
   * Creates a new JSRInliner. <i>Subclasses must not use this
   * constructor</i>. Instead, they must use the
   * {@link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
   * version.
   *
   * @param mv
   *
  the <code>MethodVisitor</code> to send the resulting inlined
   *          method code to (use <code>null</code> for none).
   * @param access
   *          the method's access flags (see {@link Opcodes}). This
   *          parameter also indicates if the method is synthetic and/or
   *          deprecated.
   * @param name
   *          the method's name.
   * @param desc
   *          the method's descriptor (see {@link Type}).
   * @param signature
   *          the method's signature. May be <tt>null</tt>.
   * @param exceptions
   *          the internal names of the method's exception classes (see
   *          {@link Type#getInternalName() getInternalName}). May be
   *          <tt>null</tt>.
   */
```

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*
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* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/xml/SAXClassAdapter.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java
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* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/AnnotationVisitor.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/Label.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/util/TraceSignatureVisitor.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/analysis/SourceInterpreter.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/analysis/Interpreter.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/analysis/AnalyzerException.java
*

/opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/analysis/SourceValue.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/commons/TryCatchBlockSorter.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/util/CheckClassAdapter.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/Item.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/MultiANewArrayInsnNode.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/commons/CodeSizeEvaluator.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/IntInsnNode.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/IincInsnNode.java
*
/opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/util/TraceMethodVisitor.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/util/TraceClassVisitor.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/util/CheckMethodAdapter.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/analysis/Frame.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/analysis/SmallSet.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/Attribute.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/analysis/BasicVerifier.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/optimizer/NameMapping.java
*
/opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/analysis/Analyzer.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/MethodNode.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/util/TraceFieldVisitor.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/ClassReader.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/FieldInsnNode.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/FieldWriter.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/VarInsnNode.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-

jar/org/objectweb/asm/optimizer/Shrinker.java
*
/opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/FrameNode.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/AnnotationWriter.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/Opcodes.java
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* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/ByteVector.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/TryCatchBlockNode.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/LineNumberNode.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/commons/TableSwitchGenerator.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/util/CheckAnnotationAdapter.java
*
/opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/ClassWriter.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/optimizer/MethodConstantsCollector.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/optimizer/JarOptimizer.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/TableSwitchInsnNode.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/InnerClassNode.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/AnnotationNode.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/Handler.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/InvokeDynamicInsnNode.java
*
/opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/util/TraceAnnotationVisitor.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/commons/RemappingFieldAdapter.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/commons/Remapper.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/LabelNode.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/optimizer/FieldConstantsCollector.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/Context.java

* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/commons/StaticInitMerger.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/optimizer/ClassOptimizer.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/optimizer/Constant.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/util/Printer.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/optimizer/AnnotationConstantsCollector.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/InsnNode.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/optimizer/ClassConstantsCollector.java
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* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/InsnList.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/commons/SimpleRemapper.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/analysis/BasicValue.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/analysis/BasicInterpreter.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/commons/RemappingAnnotationAdapter.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/signature/SignatureReader.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/util/CheckSignatureAdapter.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/FieldNode.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/Edge.java
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* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/analysis/SimpleVerifier.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/analysis/Value.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/commons/RemappingSignatureAdapter.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/TypeInsnNode.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/commons/RemappingMethodAdapter.java

* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/LookupSwitchInsnNode.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/util/CheckFieldAdapter.java
*
 /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/commons/Method.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/FieldVisitor.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/LdcInsnNode.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/LocalVariableNode.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/analysis/Subroutine.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/tree/MethodInsnNode.java
* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/MethodWriter.java
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*/
/**
   * Constructs a new {@link ClassNode}. <i>Subclasses must not use this
   * constructor</i>. Instead, they must use the {@link #ClassNode(int)}
   * version.
   */
```

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* /opt/cola/permits/1610201658_1679508919.420268/0/asm-tree-4-1-sources-2-jar/org/objectweb/asm/optimizer/shrink-annotations.properties
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*/
/**
   * Creates a new {@link AnalyzerAdapter}. <i>Subclasses must not use this
   * constructor</i>. Instead, they must use the
```

```
   * {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}
   * version.
   *
   * @param owner
   *
     the owner's class name.
   * @param access
   *          the method's access flags (see {@link Opcodes}).
   * @param name
   *          the method's name.
   * @param desc
   *          the method's descriptor (see {@link Type Type}).
   * @param mv
   *          the method visitor to which this adapter delegates calls. May
   *          be <tt>null</tt>.
   */
```

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*/
/**
    * Creates a new {@link GeneratorAdapter}. <i>Subclasses must not use this
    * constructor</i>. Instead, they must use the
    * {@link #GeneratorAdapter(int, MethodVisitor, int, String, String)}
    * version.
    *
    * @param mv
    *          the
 method visitor to which this adapter delegates calls.
    * @param access
    *          the method's access flags (see {@link Opcodes}).
    * @param name
    *          the method's name.
    * @param desc
    *          the method's descriptor (see {@link Type Type}).
    */
```

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1.2020 milyn-smooks-all 1.5.1

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* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/fileselectors/FileSelector.java
* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/attributes/PlexusIoResourceAttributeUtils.java
* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/filemappers/IdentityMapper.java
* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/fileselectors/AllFilesFileSelector.java
* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/resources/PlexusIoResourceCollection.java
* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/filemappers/FileMapper.java
* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/resources/PlexusIoCompressedFileResourceCollection.java
* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/resources/PlexusIoFileResource.java
* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/attributes/Java7FileAttributes.java
* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/attributes/PlexusIoResourceAttributes.java
* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/filemappers/AbstractFileMapper.java
* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/resources/proxy/PlexusIoProxyResourceCollection.java
* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/attributes/SimpleResourceAttributes.java
* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/resources/PlexusIoResourceWithAttributes.java
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* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/filemappers/FlattenFileMapper.java
* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/filemappers/FileExtensionMapper.java
* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/resources/PlexusIoResource.java
* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/filemappers/RegExpFileMapper.java
* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/resources/PlexusIoURLResource.java
* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/resources/PlexusIoArchivedResourceCollection.java
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/opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/filemappers/MergeFileMapper.java
* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/resources/proxy/PlexusIoProxyResource.java
* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/resources/AbstractPlexusIoArchiveResourceCollection.java
* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/resources/AbstractPlexusIoResourceWithAttributes.java
* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/resources/PlexusIOResourceCollectionWithAttributes.java
* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/resources/PlexusIoZipFileResourceCollection.java
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* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/fileselectors/IncludeExcludeFileSelector.java
* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/fileselectors/FileInfo.java
* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/resources/AbstractPlexusIoResourceCollection.java
* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/filemappers/PrefixFileMapper.java
* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/resources/PlexusIoFileResourceCollection.java
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/opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/resources/proxy/PlexusIoProxyResourceWithAttributes.java
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* /opt/cola/permits/1610201759_1680500513.2427242/0/plexus-io-2-0-2-sources-1-jar/org/codehaus/plexus/components/io/attributes/AttributeParser.java

1.2023 plexus-interpolation 1.9

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*
 /opt/cola/permits/1610201826_1680759155.5109346/0/plexus-interpolation-1-9-sources-1-jar/org/codehaus/plexus/interpolation/PrefixedObjectValueSource.java
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* /opt/cola/permits/1610201826_1680759155.5109346/0/plexus-interpolation-1-9-sources-1-jar/org/codehaus/plexus/interpolation/EnvarBasedValueSource.java
*
 /opt/cola/permits/1610201826_1680759155.5109346/0/plexus-interpolation-1-9-sources-1-jar/org/codehaus/plexus/interpolation/MapBasedValueSource.java
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   * @return true if the OS matches
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   */
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* /opt/cola/permits/1610201826_1680759155.5109346/0/plexus-interpolation-1-9-sources-1-jar/org/codehaus/plexus/interpolation/InterpolationException.java
* /opt/cola/permits/1610201826_1680759155.5109346/0/plexus-interpolation-1-9-sources-1-jar/org/codehaus/plexus/interpolation/InterpolationPostProcessor.java
* /opt/cola/permits/1610201826_1680759155.5109346/0/plexus-interpolation-1-9-sources-1-jar/org/codehaus/plexus/interpolation/object/ObjectInterpolator.java
*

/opt/cola/permits/1610201826_1680759155.5109346/0/plexus-interpolation-1-9-sources-1-jar/org/codehaus/plexus/interpolation/StringSearchInterpolator.java
* /opt/cola/permits/1610201826_1680759155.5109346/0/plexus-interpolation-1-9-sources-1-jar/org/codehaus/plexus/interpolation/Interpolator.java
* /opt/cola/permits/1610201826_1680759155.5109346/0/plexus-interpolation-1-9-sources-1-jar/org/codehaus/plexus/interpolation/QueryEnabledValueSource.java
* /opt/cola/permits/1610201826_1680759155.5109346/0/plexus-interpolation-1-9-sources-1-jar/org/codehaus/plexus/interpolation/object/FieldBasedObjectInterpolator.java
* /opt/cola/permits/1610201826_1680759155.5109346/0/plexus-interpolation-1-9-sources-1-jar/org/codehaus/plexus/interpolation/RecursionInterceptor.java
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*
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* /opt/cola/permits/1610201826_1680759155.5109346/0/plexus-interpolation-1-9-sources-1-jar/org/codehaus/plexus/interpolation/AbstractDelegatingValueSource.java
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1.2024 eclipse-tycho-core-shared 1.0.0

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* /opt/cola/permits/1610201862_1679508867.8007014/0/org-eclipse-tycho-core-shared-1-0-0-sources-1-jar/org/eclipse/tycho/artifacts/IllegalArtifactReferenceException.java
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*
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* /opt/cola/permits/1610201862_1679508867.8007014/0/org-eclipse-tycho-core-shared-1-0-0-sources-1-jar/org/eclipse/tycho/locking/facade/LockTimeoutException.java
* /opt/cola/permits/1610201862_1679508867.8007014/0/org-eclipse-tycho-core-shared-1-0-0-sources-1-jar/org/eclipse/tycho/core/shared/MavenContext.java
* /opt/cola/permits/1610201862_1679508867.8007014/0/org-eclipse-tycho-core-shared-1-0-0-sources-1-jar/org/eclipse/tycho/core/shared/BuildProperties.java
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* /opt/cola/permits/1610201862_1679508867.8007014/0/org-eclipse-tycho-core-shared-1-0-0-sources-1-jar/org/eclipse/tycho/core/ee/shared/ExecutionEnvironment.java
* /opt/cola/permits/1610201862_1679508867.8007014/0/org-eclipse-tycho-core-shared-1-0-0-sources-1-jar/org/eclipse/tycho/core/ee/shared/SystemCapability.java

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* /opt/cola/permits/1610201862_1679508867.8007014/0/org-eclipse-tycho-core-shared-1-0-0-sources-1-jar/org/eclipse/tycho/artifacts/DependencyResolutionException.java
* /opt/cola/permits/1610201862_1679508867.8007014/0/org-eclipse-tycho-core-shared-1-0-0-sources-1-jar/org/eclipse/tycho/core/shared/Interpolator.java
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* /opt/cola/permits/1610201974_1679508920.7289596/0/org-eclipse-tycho-p2-tools-impl-1-0-0-sources-2-jar/org/eclipse/tycho/p2/tools/mirroring/MirrorApplication.java
* /opt/cola/permits/1610201974_1679508920.7289596/0/org-eclipse-tycho-p2-tools-impl-1-0-0-sources-2-jar/org/eclipse/tycho/p2/tools/publisher/ResultSpyAction.java

1.2026 plexus-interactivity-api 1.0-alpha-6

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* /opt/cola/permits/1610201965_1680759147.8260598/0/plexus-interactivity-api-1-0-alpha-6-sources-2-jar/org/codehaus/plexus/components/interactivity/Prompter.java
* /opt/cola/permits/1610201965_1680759147.8260598/0/plexus-interactivity-api-1-0-alpha-6-sources-2-jar/org/codehaus/plexus/components/interactivity/DefaultPrompter.java
* /opt/cola/permits/1610201965_1680759147.8260598/0/plexus-interactivity-api-1-0-alpha-6-sources-2-jar/org/codehaus/plexus/components/interactivity/OutputHandler.java
* /opt/cola/permits/1610201965_1680759147.8260598/0/plexus-interactivity-api-1-0-alpha-6-sources-2-jar/org/codehaus/plexus/components/interactivity/PrompterException.java
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/opt/cola/permits/1610201965_1680759147.8260598/0/plexus-interactivity-api-1-0-alpha-6-sources-2-jar/org/codehaus/plexus/components/interactivity/DefaultInputHandler.java
* /opt/cola/permits/1610201965_1680759147.8260598/0/plexus-interactivity-api-1-0-alpha-6-sources-2-jar/org/codehaus/plexus/components/interactivity/InputHandler.java
* /opt/cola/permits/1610201965_1680759147.8260598/0/plexus-interactivity-api-1-0-alpha-6-sources-2-jar/org/codehaus/plexus/components/interactivity/DefaultOutputHandler.java

1.2027 decentxml 1.3

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* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/dtd/DocTypeEntity.java
* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/Comment.java
* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/JoinedInputStream.java
* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/dtd/DocTypeNotation.java
* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/EntityResolver.java
* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/dtd/DocTypeText.java
* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/TreeIterator.java
* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/HTMLEntityResolver.java
* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/dtd/DocTypeElement.java
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* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/ProcessingInstruction.java
* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/Child.java
* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/Namespaces.java
* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/Text.java
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* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/Namespace.java
* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/XMLDeclaration.java
* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/dtd/DocTypeNode.java
* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/Element.java
* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/Node.java

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 /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/TextNode.java
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* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/Document.java
* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/BasicNode.java
* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/Parent.java
* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/dtd/DTDTokenizer.java
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* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/XMLTokenizer.java
* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/Location.java
* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/XMLWriter.java
* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/XMLStringBuilderSource.java
* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/XMLInputStreamReader.java
* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/XMLParser.java
* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/XMLParseException.java
* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/XMLStringSource.java
* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/XMLSource.java
* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/XMLStringBufferSource.java
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* /opt/cola/permits/1610201907_1680759155.5911102/0/decentxml-1-3-sources-3-jar/de/pdark/decentxml/TextUtils.java

1.2028 plexus-io 1.0

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* /opt/cola/permits/1610201739_1679508789.076822/0/plexus-io-1-0-sources-1-jar/org/codehaus/plexus/components/io/resources/proxy/PlexusIoProxyResourceWithAttributes.java
* /opt/cola/permits/1610201739_1679508789.076822/0/plexus-io-1-0-sources-1-jar/org/codehaus/plexus/components/io/resources/PlexusIoResourceCollection.java
* /opt/cola/permits/1610201739_1679508789.076822/0/plexus-io-1-0-sources-1-jar/org/codehaus/plexus/components/io/filemappers/FileMapper.java
* /opt/cola/permits/1610201739_1679508789.076822/0/plexus-io-1-0-sources-1-jar/org/codehaus/plexus/components/io/filemappers/RegExpFileMapper.java
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* /opt/cola/permits/1610201739_1679508789.076822/0/plexus-io-1-0-sources-1-jar/org/codehaus/plexus/components/io/filemappers/PrefixFileMapper.java
* /opt/cola/permits/1610201739_1679508789.076822/0/plexus-io-1-0-sources-1-jar/org/codehaus/plexus/components/io/attributes/SimpleResourceAttributes.java
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* /opt/cola/permits/1610201739_1679508789.076822/0/plexus-io-1-0-sources-1-jar/org/codehaus/plexus/components/io/resources/PlexusIoCompressedFileResourceCollection.java
* /opt/cola/permits/1610201739_1679508789.076822/0/plexus-io-1-0-sources-1-jar/org/codehaus/plexus/components/io/resources/PlexusIOResourceCollectionWithAttributes.java
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* /opt/cola/permits/1610201739_1679508789.076822/0/plexus-io-1-0-sources-1-jar/org/codehaus/plexus/components/io/attributes/PlexusIoResourceAttributes.java
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 /opt/cola/permits/1610201739_1679508789.076822/0/plexus-io-1-0-sources-1-jar/org/codehaus/plexus/components/io/resources/PlexusIoFileResourceCollection.java
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* /opt/cola/permits/1610201739_1679508789.076822/0/plexus-io-1-0-sources-1-jar/org/codehaus/plexus/components/io/resources/proxy/PlexusIoProxyResource.java
* /opt/cola/permits/1610201739_1679508789.076822/0/plexus-io-1-0-sources-1-jar/org/codehaus/plexus/components/io/resources/PlexusIoResource.java
* /opt/cola/permits/1610201739_1679508789.076822/0/plexus-io-1-0-sources-1-jar/org/codehaus/plexus/components/io/filemappers/AbstractFileMapper.java
* /opt/cola/permits/1610201739_1679508789.076822/0/plexus-io-1-0-sources-1-jar/org/codehaus/plexus/components/io/filemappers/IdentityMapper.java

1.2029 tycho-p2-extras-plugin 1.0.0

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* /opt/cola/permits/1610201637_1679508770.5548766/0/tycho-p2-extras-plugin-1-0-0-sources-1-jar/org/eclipse/tycho/plugins/p2/extras/CompareWithBaselineMojo.java

1.2030 simpleclient-hotspot 0.0.18

1.2030.1 Available under license :

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1.2031 opencensus-contrib-grpc-metrics 0.11.0

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* /opt/cola/permits/1610201708_1679508712.888026/0/opencensus-contrib-grpc-metrics-0-11-0-sources-1-jar/io/opencensus/contrib/grpc/metrics/RpcMeasureConstants.java
* /opt/cola/permits/1610201708_1679508712.888026/0/opencensus-contrib-grpc-metrics-0-11-0-sources-1-jar/io/opencensus/contrib/grpc/metrics/RpcViews.java
*
/opt/cola/permits/1610201708_1679508712.888026/0/opencensus-contrib-grpc-metrics-0-11-0-sources-1-jar/io/opencensus/contrib/grpc/metrics/RpcViewConstants.java

1.2032 eclipse-tycho-p2-resolver-impl 1.0.0

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* /opt/cola/permits/1610201944_1679508717.8276033/0/org-eclipse-tycho-p2-resolver-impl-1-0-0-sources-2-jar/org/eclipse/tycho/p2/impl/publisher/model/ProductFile2.java
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* /opt/cola/permits/1610201944_1679508717.8276033/0/org-eclipse-tycho-p2-resolver-impl-1-0-0-sources-2-jar/org/eclipse/tycho/p2/impl/publisher/P2GeneratorImpl.java
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* /opt/cola/permits/1610201944_1679508717.8276033/0/org-eclipse-tycho-p2-resolver-impl-1-0-0-sources-2-jar/org/eclipse/tycho/p2/target/ee/AllKnownEEsResolutionHints.java
* /opt/cola/permits/1610201944_1679508717.8276033/0/org-eclipse-tycho-p2-resolver-impl-1-0-0-sources-2-jar/org/eclipse/tycho/p2/target/ArtifactMatcher.java
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* /opt/cola/permits/1610201944_1679508717.8276033/0/org-eclipse-tycho-p2-resolver-impl-1-0-0-sources-2-jar/org/eclipse/tycho/p2/impl/publisher/SourcesBundleDependencyMetadataGenerator.java
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*
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* /opt/cola/permits/1610201944_1679508717.8276033/0/org-eclipse-tycho-p2-resolver-impl-1-0-0-sources-2-jar/org/eclipse/tycho/p2/impl/repo/MetadataSerializableImpl.java
* /opt/cola/permits/1610201944_1679508717.8276033/0/org-eclipse-tycho-p2-resolver-impl-1-0-0-sources-2-jar/org/eclipse/tycho/p2/impl/proxy/ProxyServiceFacadeImpl.java
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1.2033 eclipse-tycho-embedder-shared 1.0.0

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* /opt/cola/permits/1610201508_1679508772.58684/0/org-eclipse-tycho-embedder-shared-1-0-0-sources-1-jar/org/eclipse/tycho/ArtifactDescriptor.java

1.2034 plexus-archiver 2.1

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* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/zip/ZipExtraField.java
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/manager/DefaultArchiverManager.java
*
 /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/bzip2/BZip2Constants.java
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/UnixStat.java
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/manager/NoSuchArchiverException.java
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/manager/ArchiverManager.java
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Found in path(s):
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/dir/DirectoryArchiver.java

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* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/bzip2/BZip2Archiver.java
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/gzip/GZipCompressor.java
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/gzip/GZipUnArchiver.java
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/jar/Manifest.java
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/zip/ZipArchiver.java
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/UnArchiver.java
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/jar/JarArchiver.java
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/util/Compressor.java
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/bzip2/BZip2UnArchiver.java
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/gzip/GZipArchiver.java
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/zip/AbstractZipUnArchiver.java
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/tar/TarArchiver.java

* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/AbstractArchiver.java
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/zip/ZipUnArchiver.java
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/tar/TarBZip2UnArchiver.java
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/tar/TarGZipUnArchiver.java
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/util/EnumeratedAttribute.java
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/jar/ManifestConstants.java
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/bzip2/BZip2Compressor.java
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/Archiver.java
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/ArchiveEntry.java
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/jar/ManifestException.java
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/jar/JdkManifestFactory.java
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/tar/TarUnArchiver.java
* /opt/cola/permits/1610202003_1679508696.9409/0/plexus-archiver-2-1-sources-1-jar/org/codehaus/plexus/archiver/AbstractUnArchiver.java

1.2035 simpleclient-common 0.0.18

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1.2036 plexus-utils 2.0.4

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* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-jar/io/etcd/jetcd/election/CampaignResponse.java
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* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-jar/io/etcd/jetcd/lock/UnlockResponse.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-jar/io/etcd/jetcd/kv/GetResponse.java
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* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-jar/io/etcd/jetcd/Auth.java
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* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-jar/io/etcd/jetcd/lease/LeaseKeepAliveResponseWithError.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-jar/io/etcd/jetcd/ClientBuilder.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-jar/io/etcd/jetcd/Lock.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-jar/io/etcd/jetcd/AuthImpl.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-jar/io/etcd/jetcd/auth/AuthUserGetResponse.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-

jar/io/etcd/jetcd/lease/LeaseTimeToLiveResponse.java
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jar/io/etcd/jetcd/auth/AuthEnableResponse.java
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* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-jar/io/etcd/jetcd/Client.java
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* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
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* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/kv/DeleteResponse.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/maintenance/AlarmMember.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/election/LeaderKey.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/resolver/IPResolverProvider.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/election/NoLeaderException.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/auth/AuthUserChangePasswordResponse.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/LeaseImpl.java
*
/opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-jar/io/etcd/jetcd/Response.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-jar/io/etcd/jetcd/Txn.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/Constants.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/auth/AuthRoleListResponse.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/cluster/Util.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/LockImpl.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/auth/AuthRoleGetResponse.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-

jar/io/etcd/jetcd/lease/LeaseRevokeResponse.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/AbstractResponse.java
*
/opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/auth/AuthUserDeleteResponse.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/maintenance/SnapshotReaderResponseWithError.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/kv/CompactResponse.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/election/LeaderResponse.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/resolver/DnsSrvNameResolver.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-jar/io/etcd/jetcd/op/Cmp.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/cluster/MemberListResponse.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/auth/AuthUserAddResponse.java
*
/opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/maintenance/AlarmResponse.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/election/ResignResponse.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/maintenance/MoveLeaderResponse.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-jar/io/etcd/jetcd/Util.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-jar/io/etcd/jetcd/KVImpl.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/lease/NoSuchLeaseException.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-jar/io/etcd/jetcd/op/Op.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/auth/AuthUserListResponse.java
*
/opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/auth/AuthInterceptor.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/support/CloseableClient.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/kv/TxnResponse.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-jar/io/etcd/jetcd/Lease.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/auth/AuthUserGrantRoleResponse.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/options/OptionsUtil.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/resolver/IPNameResolver.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-

jar/io/etcd/jetcd/resolver/DnsSrvResolverProvider.java
*
/opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/options/PutOption.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/WatchImpl.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/lock/LockResponse.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/KeyValue.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/election/NotLeaderException.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/election/ProclaimResponse.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/options/DeleteOption.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/maintenance/SnapshotResponse.java
*
/opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/ElectionImpl.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-jar/io/etcd/jetcd/KV.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/auth/Permission.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/watch/WatchResponse.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/watch/WatchResponseWithError.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/ClusterImpl.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/auth/AuthRoleAddResponse.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/support/Observers.java
*
/opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/ClientConnectionManager.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/cluster/MemberUpdateResponse.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/op/CmpTarget.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/ByteSequence.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/maintenance/DefragmentResponse.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/ClientImpl.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-

jar/io/etcd/jetcd/auth/AuthUserRevokeRoleResponse.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-jar/io/etcd/jetcd/Watch.java
*
 /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/auth/AuthRoleGrantPermissionResponse.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/cluster/Member.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/options/CompactOption.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/support/MemoizingClientSupplier.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/watch/WatchEvent.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/cluster/MemberAddResponse.java
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-
jar/io/etcd/jetcd/options/WatchOption.java
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*/
/**
    * defragment one member of the cluster.
    *
    * <p>
    * After compacting the keyspace, the backend database may exhibit internal
    * fragmentation. Any internal fragmentation is space that is free to use
    * by the backend but still consumes storage space. The process of
    * defragmentation releases
 this storage space back to the file system.
    * Defragmentation is issued on a per-member so that cluster-wide latency
    * spikes may be avoided.
    *
    * <p>
    * Defragment is an expensive operation. User should avoid defragmenting
```

```
    * multiple members at the same time.
    * To defragment multiple members in the cluster, user need to call defragment
    * multiple times with different endpoints.
    */
```

Found in path(s):
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-jar/io/etcd/jetcd/MaintenanceImpl.java
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*/
/**
    * defragment one member of the cluster by its endpoint.
    *
    * <p>
    * After compacting the keyspace, the backend database may exhibit internal
    * fragmentation. Any internal fragmentation is space that is free to use
    * by the backend but still consumes storage space. The process of
    * defragmentation
 releases this storage space back to the file system.
    * Defragmentation is issued on a per-member so that cluster-wide latency
    * spikes may be avoided.
    *
    * <p>
    * Defragment is an expensive operation. User should avoid defragmenting
    * multiple members at the same time.
    * To defragment multiple members in the cluster, user need to call defragment
    * multiple times with different endpoints.
    *
    * @param  endpoint the etcd server endpoint.
    * @return          the response result
    */
```

Found in path(s):

* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-jar/io/etcd/jetcd/Maintenance.java
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* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-jar/kv.proto
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-jar/election.proto
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-jar/lock.proto
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-jar/rpc.proto
* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-jar/auth.proto
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* /opt/cola/permits/1611855859_1679564262.3661578/0/jetcd-core-0-5-11-sources-1-jar/META-INF/maven/io.etcd/jetcd-core/pom.xml

1.2038 plexus-compiler-manager 2.11.1

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* /opt/cola/permits/1611855806_1680759148.1780696/0/plexus-compiler-manager-2-11-1-sources-jar/org/codehaus/plexus/compiler/manager/NoSuchCompilerException.java
* /opt/cola/permits/1611855806_1680759148.1780696/0/plexus-compiler-manager-2-11-1-sources-jar/org/codehaus/plexus/compiler/manager/CompilerManager.java
* /opt/cola/permits/1611855806_1680759148.1780696/0/plexus-compiler-manager-2-11-1-sources-jar/org/codehaus/plexus/compiler/manager/DefaultCompilerManager.java

1.2039 jetcd-common 0.5.11

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* /opt/cola/permits/1611855902_1679564264.1948087/0/jetcd-common-0-5-11-sources-1-jar/META-INF/maven/io.etcd/jetcd-common/pom.xml
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* /opt/cola/permits/1611855902_1679564264.1948087/0/jetcd-common-0-5-11-sources-1-jar/io/etcd/jetcd/common/exception/ErrorCode.java
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* /opt/cola/permits/1611855902_1679564264.1948087/0/jetcd-common-0-5-11-sources-1-jar/io/etcd/jetcd/common/exception/ClosedKeepAliveListenerException.java
* /opt/cola/permits/1611855902_1679564264.1948087/0/jetcd-common-0-5-11-sources-1-jar/io/etcd/jetcd/common/exception/ClosedClientException.java
* /opt/cola/permits/1611855902_1679564264.1948087/0/jetcd-common-0-5-11-sources-1-jar/io/etcd/jetcd/common/exception/CompactedException.java
*
/opt/cola/permits/1611855902_1679564264.1948087/0/jetcd-common-0-5-11-sources-1-jar/io/etcd/jetcd/common/exception/EtcdExceptionFactory.java
* /opt/cola/permits/1611855902_1679564264.1948087/0/jetcd-common-0-5-11-sources-1-jar/io/etcd/jetcd/common/exception/ClosedSnapshotException.java
* /opt/cola/permits/1611855902_1679564264.1948087/0/jetcd-common-0-5-11-sources-1-jar/io/etcd/jetcd/common/exception/EtcdException.java
* /opt/cola/permits/1611855902_1679564264.1948087/0/jetcd-common-0-5-11-sources-1-jar/io/etcd/jetcd/common/exception/ClosedWatcherException.java

1.2040 plexus-compiler-javac 2.11.1

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* /opt/cola/permits/1611855828_1679564255.319226/0/plexus-compiler-javac-2-11-1-sources-jar/org/codehaus/plexus/compiler/javac/IsolatedClassLoader.java
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Found in path(s):

* /opt/cola/permits/1611855828_1679564255.319226/0/plexus-compiler-javac-2-11-1-sources-jar/org/codehaus/plexus/compiler/javac/JavacCompiler.java
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1.2041 qdox 2.0.1

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* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/META-INF/maven/com.github.shalousun/qdox/pom.xml
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* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/parser/expression/LambdaDef.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/parser/expression/QueryDef.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/writer/ModelWriter.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/library/ClassLibrary.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/impl/DefaultJavaSource.java
*
 /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/Searcher.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/impl/DefaultJavaParameterizedType.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/library/ClassLoaderLibrary.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/expression/Cast.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/parser/expression/LessThanDef.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/expression/PreIncrement.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/parser/CommentHandler.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/parser/expression/PlusSignDef.java
*
 /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/parser/structs/InitDef.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/expression/Constant.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/library/SourceFolderLibrary.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/expression/Or.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/expression/Query.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/expression/Remainder.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-

jar/com/thoughtworks/qdox/model/expression/MethodInvocation.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/parser/expression/ExpressionDef.java
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/opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/parser/expression/MinusSignDef.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/expression/ParenExpression.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/parser/structs/PackageDef.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/expression/GreaterThan.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/parser/structs/TagDef.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/library/AbstractClassLibrary.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/parser/CommentScanner.java
*
/opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/parser/expression/AddDef.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/expression/And.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/JavaClass.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/expression/UnsignedShiftRight.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/builder/TypeAssembler.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/expression/LogicalOr.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/impl/DefaultJavaWildcardType.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/util/TagParser.java
*
/opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/expression/BinaryOperator.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/expression/Expression.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/parser/structs/ClassDef.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/expression/FieldRef.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/builder/impl/ModelBuilder.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/impl/AbstractJavaEntity.java

* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/parser/expression/MethodInvocationDef.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/JavaSource.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/impl/DefaultJavaPackage.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/expression/LessThan.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/parser/expression/LogicalOrDef.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/directorywalker/SuffixFilter.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/impl/JavaMethodDelegate.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/parser/expression/EqualsDef.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/expression/LessEquals.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/expression/PostDecrement.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/JavaTypeVariable.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/impl/DefaultDocletTag.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/impl/DefaultJavaAnnotation.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/parser/expression/SubtractDef.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/JavaGenericDeclaration.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/expression/Assignment.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/parser/expression/UnsignedShiftRightDef.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/builder/impl/EvaluatingVisitor.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/writer/impl/IndentBuffer.java
* /opt/cola/permits/1611855820_1679564241.3276253/0/qdox-2-0-1-sources-1-jar/com/thoughtworks/qdox/model/expression/Divide.java

1.2042 jetcd-extensions 0.5.11

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* /opt/cola/permits/1611855874_1679564242.8450332/0/jetcd-extensions-0-5-11-sources-jar/io/etcd/jetcd/extensions/Extensions.java
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* /opt/cola/permits/1611855874_1679564242.8450332/0/jetcd-extensions-0-5-11-sources-jar/META-INF/maven/io.etcd/jetcd-extensions/pom.xml

1.2043 plexus-compiler-api 2.11.1

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* /opt/cola/permits/1611855895_1679564250.832413/0/plexus-compiler-api-2-11-1-sources-jar/org/codehaus/plexus/compiler/util/scan/InclusionScanException.java
* /opt/cola/permits/1611855895_1679564250.832413/0/plexus-compiler-api-2-11-1-sources-jar/org/codehaus/plexus/compiler/util/scan/mapping/SuffixMapping.java
* /opt/cola/permits/1611855895_1679564250.832413/0/plexus-compiler-api-2-11-1-sources-jar/org/codehaus/plexus/compiler/util/scan/mapping/SourceMapping.java
* /opt/cola/permits/1611855895_1679564250.832413/0/plexus-compiler-api-2-11-1-sources-jar/org/codehaus/plexus/compiler/util/scan/AbstractSourceInclusionScanner.java
* /opt/cola/permits/1611855895_1679564250.832413/0/plexus-compiler-api-2-11-1-sources-jar/org/codehaus/plexus/compiler/util/scan/StaleSourceScanner.java

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* /opt/cola/permits/1611855895_1679564250.832413/0/plexus-compiler-api-2-11-1-sources-jar/org/codehaus/plexus/compiler/AbstractCompiler.java
* /opt/cola/permits/1611855895_1679564250.832413/0/plexus-compiler-api-2-11-1-sources-jar/org/codehaus/plexus/compiler/util/scan/SimpleSourceInclusionScanner.java
* /opt/cola/permits/1611855895_1679564250.832413/0/plexus-compiler-api-2-11-1-sources-jar/org/codehaus/plexus/compiler/util/StreamPumper.java
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* /opt/cola/permits/1611855895_1679564250.832413/0/plexus-compiler-api-2-11-1-sources-jar/org/codehaus/plexus/compiler/CompilerConfiguration.java
* /opt/cola/permits/1611855895_1679564250.832413/0/plexus-compiler-api-2-11-1-sources-jar/org/codehaus/plexus/compiler/CompilerNotImplementedException.java
* /opt/cola/permits/1611855895_1679564250.832413/0/plexus-compiler-api-2-11-1-sources-jar/org/codehaus/plexus/compiler/CompilerException.java
* /opt/cola/permits/1611855895_1679564250.832413/0/plexus-compiler-api-2-11-1-sources-jar/org/codehaus/plexus/compiler/Compiler.java

1.2044 jetcd-all 0.5.11

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* /opt/cola/permits/1611855813_1680759327.251925/0/jetcd-all-0-5-11-sources-jar/io/etcd/jetcd/all/JetcdAll.java

1.2045 plexus-java 1.1.1

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* /opt/cola/permits/1611855844_1680764673.5051453/0/plexus-java-1-1-1-sources-jar/org/codehaus/plexus/languages/java/jpms/AsmModuleInfoParser.java
* /opt/cola/permits/1611855844_1680764673.5051453/0/plexus-java-1-1-1-sources-jar/org/codehaus/plexus/languages/java/jpms/ManifestModuleNameExtractor.java
* /opt/cola/permits/1611855844_1680764673.5051453/0/plexus-java-1-1-1-sources-jar/org/codehaus/plexus/languages/java/jpms/ResolvePathsResult.java
* /opt/cola/permits/1611855844_1680764673.5051453/0/plexus-java-1-1-1-sources-jar/org/codehaus/plexus/languages/java/jpms/JavaModuleDescriptor.java
* /opt/cola/permits/1611855844_1680764673.5051453/0/plexus-java-1-1-1-sources-jar/org/codehaus/plexus/languages/java/jpms/CmdModuleNameExtractor.java
* /opt/cola/permits/1611855844_1680764673.5051453/0/plexus-java-1-1-1-sources-jar/org/codehaus/plexus/languages/java/jpms/BinaryModuleInfoParser.java
* /opt/cola/permits/1611855844_1680764673.5051453/0/plexus-java-1-1-1-sources-

jar/org/codehaus/plexus/languages/java/jpms/ResolvePathRequest.java
* /opt/cola/permits/1611855844_1680764673.5051453/0/plexus-java-1-1-1-sources-jar/org/codehaus/plexus/languages/java/jpms/ResolvePathResult.java
*
 /opt/cola/permits/1611855844_1680764673.5051453/0/plexus-java-1-1-1-sources-jar/org/codehaus/plexus/languages/java/jpms/ResolvePathsRequest.java
* /opt/cola/permits/1611855844_1680764673.5051453/0/plexus-java-1-1-1-sources-jar/org/codehaus/plexus/languages/java/jpms/MainClassModuleNameExtractor.java
* /opt/cola/permits/1611855844_1680764673.5051453/0/plexus-java-1-1-1-sources-jar/org/codehaus/plexus/languages/java/jpms/AbstractBinaryModuleInfoParser.java
* /opt/cola/permits/1611855844_1680764673.5051453/0/plexus-java-1-1-1-sources-jar/org/codehaus/plexus/languages/java/jpms/LocationManager.java
* /opt/cola/permits/1611855844_1680764673.5051453/0/plexus-java-1-1-1-sources-jar/org/codehaus/plexus/languages/java/jpms/ModuleNameSource.java
* /opt/cola/permits/1611855844_1680764673.5051453/0/plexus-java-1-1-1-sources-jar/org/codehaus/plexus/languages/java/jpms/SourceModuleInfoParser.java
* /opt/cola/permits/1611855844_1680764673.5051453/0/plexus-java-1-1-1-sources-jar/org/codehaus/plexus/languages/java/version/JavaVersion.java
*
 /opt/cola/permits/1611855844_1680764673.5051453/0/plexus-java-1-1-1-sources-jar/org/codehaus/plexus/languages/java/jpms/ModuleNameExtractor.java
* /opt/cola/permits/1611855844_1680764673.5051453/0/plexus-java-1-1-1-sources-jar/org/codehaus/plexus/languages/java/jpms/package-info.java
* /opt/cola/permits/1611855844_1680764673.5051453/0/plexus-java-1-1-1-sources-jar/org/codehaus/plexus/languages/java/jpms/ModuleInfoParser.java

1.2046 boringssl 2.0.7

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* /opt/cola/permits/1611875268_1680759150.0287466/0/netty-tcnative-boringssl-static-2-0-7-final-sources-1-jar/io/netty/internal/tcnative/CertificateRequestedCallback.java
* /opt/cola/permits/1611875268_1680759150.0287466/0/netty-tcnative-boringssl-static-2-0-7-final-sources-1-jar/io/netty/internal/tcnative/SessionTicketKey.java
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* /opt/cola/permits/1611875268_1680759150.0287466/0/netty-tcnative-boringssl-static-2-0-7-final-sources-1-jar/io/netty/internal/tcnative/NativeStaticallyReferencedJniMethods.java
* /opt/cola/permits/1611875268_1680759150.0287466/0/netty-tcnative-boringssl-static-2-0-7-final-sources-1-jar/io/netty/internal/tcnative/SniHostNameMatcher.java
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```
Manifest-Version: 1.0
BoringSSL-Revision: e3bb51cb2360fca5b87d559fc263b2763bd14739
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0
Bundle-SymbolicName: io.netty.tcnative-boringssl-static
Archiver-Version: Plexus Archiver
Built-By: norman
Bnd-LastModified: 1509626439303
Implementation-Vendor-Id: io.netty
Bundle-DocURL: http://netty.io/
Export-Package: io.netty.internal.tcnative;version="2.0.7.Final"
Bundle-Name: Netty/TomcatNative [BoringSSL - Static]
Bundle-NativeCode: META-INF/native/libnetty_tcnative_osx_x86_64.jnilib
;osname=macos;osname=macosx;processor=x86_64,META-INF/native/libnetty
_tcnative_linux_x86_64.so;osname=linux;processor=x86_64,META-INF/nati
ve/netty_tcnative_windows_x86_64.dll;osname=win32;processor=x86_64
Bundle-Description: A Mavenized fork of Tomcat Native which incorporat
es various patches. This artifact is statically linked    to BoringSS
L and Apache APR.
```

Implementation-Title:
 Netty/TomcatNative [BoringSSL - Static]
Apr-Version: 1.6.3
Implementation-Version: 2.0.7.Final
Bundle-ManifestVersion: 2
Bundle-Vendor: The Netty Project
Tool: Bnd-2.1.0.20130426-122213
Implementation-Vendor: The Netty Project
Originally-Created-By: Apache Maven Bundle Plugin
Bundle-Version: 2.0.7.Final
BoringSSL-Branch: chromium-stable
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_152

Found in path(s):
* /opt/cola/permits/1611875268_1680759150.0287466/0/netty-tcnative-boringssl-static-2-0-7-final-sources-1-jar/META-INF/MANIFEST.MF
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* /opt/cola/permits/1611875268_1680759150.0287466/0/netty-tcnative-boringssl-static-2-0-7-final-sources-1-jar/io/netty/internal/tcnative/CertificateVerifier.java
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* /opt/cola/permits/1611875268_1680759150.0287466/0/netty-tcnative-boringssl-static-2-0-7-final-sources-1-jar/io/netty/internal/tcnative/Buffer.java
* /opt/cola/permits/1611875268_1680759150.0287466/0/netty-tcnative-boringssl-static-2-0-7-final-sources-1-jar/io/netty/internal/tcnative/Library.java
* /opt/cola/permits/1611875268_1680759150.0287466/0/netty-tcnative-boringssl-static-2-0-7-final-sources-1-jar/io/netty/internal/tcnative/SSLContext.java
* /opt/cola/permits/1611875268_1680759150.0287466/0/netty-tcnative-boringssl-static-2-0-7-final-sources-1-jar/io/netty/internal/tcnative/SSL.java

1.2047 jackson-dataformat-csv 2.13.5

1.2047.1 Available under license :

Apache-2.0

1.2048 x-exp 0.0.0-20230321023759-10a507213a29

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1.2049 plexus-utils 3.3.1

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1.2050 grpc-go 1.54.0

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1.2051 jline-remote-ssh 3.22.0

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* /opt/cola/permits/1617269230_1681870932.9341993/0/jline-terminal-jna-3-22-0-sources-jar/org/jline/terminal/impl/jna/osx/OsXNativePty.java
* /opt/cola/permits/1617269230_1681870932.9341993/0/jline-terminal-jna-3-22-0-sources-jar/org/jline/terminal/impl/jna/solaris/SolarisNativePty.java
* /opt/cola/permits/1617269230_1681870932.9341993/0/jline-terminal-jna-3-22-0-sources-jar/org/jline/terminal/impl/jna/osx/CLibrary.java
* /opt/cola/permits/1617269230_1681870932.9341993/0/jline-terminal-jna-3-22-0-sources-jar/org/jline/terminal/impl/jna/win/JnaWinSysTerminal.java
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 /opt/cola/permits/1617269230_1681870932.9341993/0/jline-terminal-jna-3-22-0-sources-jar/org/jline/terminal/impl/jna/JnaTerminalProvider.java
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* /opt/cola/permits/1617269230_1681870932.9341993/0/jline-terminal-jna-3-22-0-sources-jar/org/jline/terminal/impl/jna/freebsd/CLibrary.java
* /opt/cola/permits/1617269230_1681870932.9341993/0/jline-terminal-jna-3-22-0-sources-jar/org/jline/terminal/impl/jna/linux/LinuxNativePty.java
* /opt/cola/permits/1617269230_1681870932.9341993/0/jline-terminal-jna-3-22-0-sources-

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```

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1.2053 jline-reader 3.22.0

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* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/impl/UndoTree.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/impl/completer/package-info.java

* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/impl/history/package-info.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/Binding.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/Widget.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/impl/completer/NullCompleter.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/keymap/KeyMap.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/impl/completer/EnumCompleter.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/impl/completer/AggregateCompleter.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/UserInterruptException.java
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* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/impl/DefaultExpander.java
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Found in path(s):
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/impl/SimpleMaskingCallback.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/Buffer.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/impl/BufferImpl.java
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Found in path(s):
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/impl/KillRing.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/keymap/BindingReader.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/ParsedLine.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/impl/completer/FileNameCompleter.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/CompletingParsedLine.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/History.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/Completer.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/MaskingCallback.java
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* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/LineReader.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/Highlighter.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/impl/CompletionMatcherImpl.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/PrintAboveWriter.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/impl/history/DefaultHistory.java
* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/impl/DefaultHighlighter.java
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* /opt/cola/permits/1617269091_1681873197.576139/0/jline-reader-3-22-0-sources-jar/org/jline/reader/impl/LineReaderImpl.java

1.2054 jline-style 3.22.0

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* /opt/cola/permits/1617269244_1681870938.5790405/0/jline-style-3-22-0-sources-jar/org/jline/style/MemoryStyleSource.java
* /opt/cola/permits/1617269244_1681870938.5790405/0/jline-style-3-22-0-sources-jar/org/jline/style/StyleColor.java
* /opt/cola/permits/1617269244_1681870938.5790405/0/jline-style-3-22-0-sources-jar/org/jline/style/StyleBundle.java
* /opt/cola/permits/1617269244_1681870938.5790405/0/jline-style-3-22-0-sources-jar/org/jline/style/StyledWriter.java
* /opt/cola/permits/1617269244_1681870938.5790405/0/jline-style-3-22-0-sources-jar/org/jline/style/StyleBundleInvocationHandler.java
* /opt/cola/permits/1617269244_1681870938.5790405/0/jline-style-3-22-0-sources-jar/org/jline/style/StyleResolver.java
* /opt/cola/permits/1617269244_1681870938.5790405/0/jline-style-3-22-0-sources-jar/org/jline/style/InterpolationHelper.java
* /opt/cola/permits/1617269244_1681870938.5790405/0/jline-style-3-22-0-sources-jar/org/jline/style/NopStyleSource.java
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* /opt/cola/permits/1617269244_1681870938.5790405/0/jline-style-3-22-0-sources-jar/org/jline/style/StyleSource.java
* /opt/cola/permits/1617269244_1681870938.5790405/0/jline-style-3-22-0-sources-jar/org/jline/style/Styler.java
* /opt/cola/permits/1617269244_1681870938.5790405/0/jline-style-3-22-0-sources-jar/org/jline/style/StyleExpression.java
* /opt/cola/permits/1617269244_1681870938.5790405/0/jline-style-3-22-0-sources-jar/org/jline/style/StyleFactory.java

1.2055 jline-terminal 3.22.0

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* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/spi/TerminalProvider.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/impl/Diag.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/impl/exec/ExecTerminalProvider.java
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* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/impl/AbstractWindowsTerminal.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/InfoCmp.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/impl/AbstractPty.java
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black
maroon
green
olive
navy
purple

teal
silver
grey
red
lime
yellow
blue
fuchsia
aqua
white
grey0
navyblue
darkblue
blue3
blue3a
blue1
darkgreen
deepskyblue4
deepskyblue4a
deepskyblue4b
dodgerblue3
dodgerblue2
green4
springgreen4
turquoise4
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dodgerblue1
green3
springgreen3
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deepskyblue2
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springgreen3a
springgreen2
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turquoise2
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springgreen2a
springgreen1
mediumspringgreen
cyan2
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steelblue3
cornflowerblue
chartreuse3
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cadetbluea
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steelblue1
chartreuse3a
palegreen3
seagreen3
aquamarine3
mediumturquoise
steelblue1a
chartreuse2
seagreen2
seagreen1
seagreen1a
aquamarine1
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deeppink4a
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darkmagentaa
darkviolet
purplea
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mediumpurple3
mediumpurple3a
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yellow4
wheat4

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mediumpurple
lightslateblue
yellow4a
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skyblue2
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chartreuse1
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lightgreena
palegreen1
aquamarine1a
darkslategray1
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magenta3
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purpleb
darkorange3
indianred
hotpink3
mediumorchid3
mediumorchid
mediumpurple2
darkgoldenrod
lightsalmon3
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mediumpurple2a
mediumpurple1
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lightsteelblue
yellow3
darkolivegreen3b

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lightskyblue1
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darkolivegreen2
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darkseagreen2a
darkseagreen1
paleturquoise1
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deeppink3a
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magenta3b
magenta2
darkorange3a
indianreda
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hotpink2
orchid
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pink3
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violet
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thistle3
plum2
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deeppink2

deeppink1
deeppink1a
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indianred1a
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palevioletred1
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orchid1
orange1
sandybrown
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lightgoldenrod2b
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mistyrose1
thistle1
yellow1
lightgoldenrod1
khaki1
wheat1
cornsilk1
grey100
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grey7
grey11
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grey19
grey23
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 in path(s):
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/colors.txt
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* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/impl/AbstractWindowsConsoleWriter.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/NonBlockingPumpReader.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/NonBlockingPumpInputStream.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/WriterOutputStream.java
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#
class = org.jline.terminal.impl.exec.ExecTerminalProvider

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auto_left_margin, bw, bw
auto_right_margin, am, am
back_color_erase, bce, ut
can_change, ccc, cc
ceol_standout_glitch, xhp, xs
col_addr_glitch, xhpa, YA
cpi_changes_res, cpix, YF
cr_cancels_micro_mode, crxm, YB
dest_tabs_magic_smso, xt, xt
eat_newline_glitch, xenl, xn
erase_overstrike, eo, eo
generic_type, gn, gn
hard_copy, hc, hc
hard_cursor, chts, HC
has_meta_key, km, km
has_print_wheel, daisy, YC
has_status_line, hs, hs
hue_lightness_saturation, hls, hl
insert_null_glitch, in, in
lpi_changes_res, lpix, YG
memory_above, da, da
memory_below, db, db
move_insert_mode, mir, mi
move_standout_mode, msgr, ms
needs_xon_xoff, nxon, nx
no_esc_ctlc, xsb, xb
no_pad_char, npc,

NP
non_dest_scroll_region, ndscr, ND
non_rev_rmcup, nrrmc, NR
over_strike, os, os
prtr_silent, mc5i, 5i
row_addr_glitch, xvpa, YD
semi_auto_right_margin, sam, YE
status_line_esc_ok, eslok, es
tilde_glitch, hz, hz
transparent_underline, ul, ul
xon_xoff, xon, xo
columns, cols, co
init_tabs, it, it
label_height, lh, lh
label_width, lw, lw
lines, lines, li
lines_of_memory, lm, lm
magic_cookie_glitch, xmc, sg
max_attributes, ma, ma
max_colors, colors, Co
max_pairs, pairs, pa
maximum_windows, wnum, MW
no_color_video, ncv, NC
num_labels, nlab, Nl
padding_baud_rate, pb, pb
virtual_terminal, vt, vt
width_status_line, wsl, ws
bit_image_entwining, bitwin, Yo
bit_image_type, bitype, Yp
buffer_capacity, bufsz, Ya
buttons, btns, BT
dot_horz_spacing, spinh, Yc
dot_vert_spacing, spinv, Yb
max_micro_address, maddr, Yd
max_micro_jump, mjump, Ye
micro_col_size, mcs, Yf
micro_line_size, mls, Yg
number_of_pins, npins, Yh
output_res_char, orc, Yi
output_res_horz_inch, orhi, Yk
output_res_line, orl, Yj
output_res_vert_inch,
orvi, Yl
print_rate, cps, Ym
wide_char_size, widcs, Yn
acs_chars, acsc, ac
back_tab, cbt, bt
bell, bel, bl

carriage_return, cr, cr
change_char_pitch, cpi, ZA
change_line_pitch, lpi, ZB
change_res_horz, chr, ZC
change_res_vert, cvr, ZD
change_scroll_region, csr, cs
char_padding, rmp, rP
clear_all_tabs, tbc, ct
clear_margins, mgc, MC
clear_screen, clear, cl
clr_bol, el1, cb
clr_eol, el, ce
clr_eos, ed, cd
column_address, hpa, ch
command_character, cmdch, CC
create_window, cwin, CW
cursor_address, cup, cm
cursor_down, cud1, do
cursor_home, home, ho
cursor_invisible, civis, vi
cursor_left, cub1, le
cursor_mem_address, mrcup, CM
cursor_normal, cnorm, ve
cursor_right, cuf1, nd
cursor_to_ll, ll, ll
cursor_up, cuu1, up
cursor_visible, cvvis, vs
define_char, defc, ZE
delete_character, dch1, dc
delete_line, dl1, dl
dial_phone, dial, DI
dis_status_line, dsl, ds
display_clock, dclk, DK
down_half_line, hd, hd
ena_acs, enacs, eA
enter_alt_charset_mode, smacs, as
enter_am_mode, smam,
SA
enter_blink_mode, blink, mb
enter_bold_mode, bold, md
enter_ca_mode, smcup, ti
enter_delete_mode, smdc, dm
enter_dim_mode, dim, mh
enter_doublewide_mode, swidm, ZF
enter_draft_quality, sdrfq, ZG
enter_insert_mode, smir, im
enter_italics_mode, sitm, ZH
enter_leftward_mode, slm, ZI

enter_micro_mode, smicm, ZJ
enter_near_letter_quality, snlq, ZK
enter_normal_quality, snrmq, ZL
enter_protected_mode, prot, mp
enter_reverse_mode, rev, mr
enter_secure_mode, invis, mk
enter_shadow_mode, sshm, ZM
enter_standout_mode, smso, so
enter_subscript_mode, ssubm, ZN
enter_superscript_mode, ssupm, ZO
enter_underline_mode, smul, us
enter_upward_mode, sum, ZP
enter_xon_mode, smxon, SX
erase_chars, ech, ec
exit_alt_charset_mode, rmacs, ae
exit_am_mode, rmam, RA
exit_attribute_mode, sgr0, me
exit_ca_mode, rmcup, te
exit_delete_mode, rmdc, ed
exit_doublewide_mode, rwidm, ZQ
exit_insert_mode, rmir, ei
exit_italics_mode, ritm, ZR
exit_leftward_mode, rlm, ZS
exit_micro_mode, rmicm, ZT
exit_shadow_mode, rshm,
ZU
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exit_subscript_mode, rsubm, ZV
exit_superscript_mode, rsupm, ZW
exit_underline_mode, rmul, ue
exit_upward_mode, rum, ZX
exit_xon_mode, rmxon, RX
fixed_pause, pause, PA
flash_hook, hook, fh
flash_screen, flash, vb
form_feed, ff, ff
from_status_line, fsl, fs
goto_window, wingo, WG
hangup, hup, HU
init_1string, is1, i1
init_2string, is2, is
init_3string, is3, i3
init_file, if, if
init_prog, iprog, iP
initialize_color, initc, Ic
initialize_pair, initp, Ip
insert_character, ich1, ic
insert_line, il1, al

insert_padding, ip, ip
key_a1, ka1, K1
key_a3, ka3, K3
key_b2, kb2, K2
key_backspace, kbs, kb
key_beg, kbeg, @1
key_btab, kcbt, kB
key_c1, kc1, K4
key_c3, kc3, K5
key_cancel, kcan, @2
key_catab, ktbc, ka
key_clear, kclr, kC
key_close, kclo, @3
key_command, kcmd, @4
key_copy, kcpy, @5
key_create, kcrt, @6
key_ctab, kctab, kt
key_dc, kdch1, kD
key_dl, kdl1, kL
key_down, kcud1, kd
key_eic, krmir, kM
key_end, kend, @7
key_enter, kent, @8
key_eol, kel, kE
key_eos,
ked, kS
key_exit, kext, @9
key_f0, kf0, k0
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key_f26, kf26, FG
key_f27, kf27, FH

key_f28, kf28, FI
key_f29, kf29, FJ
key_f3, kf3, k3
key_f30, kf30, FK
key_f31, kf31, FL
key_f32, kf32, FM
key_f33, kf33, FN
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key_f39, kf39, FT
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key_f40, kf40, FU
key_f41, kf41, FV
key_f42, kf42, FW
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key_f45, kf45, FZ
key_f46, kf46, Fa
key_f47, kf47, Fb
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key_f52, kf52, Fg
key_f53, kf53, Fh
key_f54, kf54, Fi
key_f55, kf55, Fj
key_f56, kf56, Fk
key_f57, kf57, Fl
key_f58, kf58,
Fm
key_f59, kf59, Fn
key_f6, kf6, k6
key_f60, kf60, Fo
key_f61, kf61, Fp
key_f62, kf62, Fq
key_f63, kf63, Fr
key_f7, kf7, k7
key_f8, kf8, k8
key_f9, kf9, k9
key_find, kfnd, @0
key_help, khlp, %1
key_home, khome, kh
key_ic, kich1, kI

key_il, kil1, kA
key_left, kcub1, kl
key_ll, kll, kH
key_mark, kmrk, %2
key_message, kmsg, %3
key_move, kmov, %4
key_next, knxt, %5
key_npage, knp, kN
key_open, kopn, %6
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key_print, kprt, %9
key_redo, krdo, %0
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key_refresh, krfr, &2
key_replace, krpl, &3
key_restart, krst, &4
key_resume, kres, &5
key_right, kcuf1, kr
key_save, ksav, &6
key_sbeg, kBEG, &9
key_scancel, kCAN, &0
key_scommand, kCMD, *1
key_scopy, kCPY, *2
key_screate, kCRT, *3
key_sdc, kDC, *4
key_sdl, kDL, *5
key_select, kslt, *6
key_send, kEND, *7
key_seol, kEOL, *8
key_sexit, kEXT, *9
key_sf, kind, kF
key_sfind, kFND, *0
key_shelp, kHLP, #1
key_shome, kHOM, #2
key_sic, kIC, #3
key_sleft, kLFT, #4
key_smessage,
kMSG, %a
key_smove, kMOV, %b
key_snext, kNXT, %c
key_soptions, kOPT, %d
key_sprevious, kPRV, %e
key_sprint, kPRT, %f
key_sr, kri, kR
key_sredo, kRDO, %g
key_sreplace, kRPL, %h

key_sright, kRIT, %i
key_srsume, kRES, %j
key_ssave, kSAV, !1
key_ssuspend, kSPD, !2
key_stab, khts, kT
key_sundo, kUND, !3
key_suspend, kspd, &7
key_undo, kund, &8
key_up, kcuu1, ku
keypad_local, rmkx, ke
keypad_xmit, smkx, ks
lab_f0, lf0, l0
lab_f1, lf1, l1
lab_f10, lf10, la
lab_f2, lf2, l2
lab_f3, lf3, l3
lab_f4, lf4, l4
lab_f5, lf5, l5
lab_f6, lf6, l6
lab_f7, lf7, l7
lab_f8, lf8, l8
lab_f9, lf9, l9
label_format, fln, Lf
label_off, rmln, LF
label_on, smln, LO
meta_off, rmm, mo
meta_on, smm, mm
micro_column_address, mhpa, ZY
micro_down, mcud1, ZZ
micro_left, mcub1, Za
micro_right, mcuf1, Zb
micro_row_address, mvpa, Zc
micro_up, mcuu1, Zd
newline, nel, nw
order_of_pins, porder, Ze
orig_colors, oc, oc
orig_pair, op, op
pad_char, pad, pc
parm_dch, dch, DC
parm_delete_line, dl, DL
parm_down_cursor, cud, DO
parm_down_micro,
mcud, Zf
parm_ich, ich, IC
parm_index, indn, SF
parm_insert_line, il, AL
parm_left_cursor, cub, LE
parm_left_micro, mcub, Zg

parm_right_cursor, cuf, RI
parm_right_micro, mcuf, Zh
parm_rindex, rin, SR
parm_up_cursor, cuu, UP
parm_up_micro, mcuu, Zi
pkey_key, pfkey, pk
pkey_local, pfloc, pl
pkey_xmit, pfx, px
plab_norm, pln, pn
print_screen, mc0, ps
prtr_non, mc5p, pO
prtr_off, mc4, pf
prtr_on, mc5, po
pulse, pulse, PU
quick_dial, qdial, QD
remove_clock, rmclk, RC
repeat_char, rep, rp
req_for_input, rfi, RF
reset_1string, rs1, r1
reset_2string, rs2, r2
reset_3string, rs3, r3
reset_file, rf, rf
restore_cursor, rc, rc
row_address, vpa, cv
save_cursor, sc, sc
scroll_forward, ind, sf
scroll_reverse, ri, sr
select_char_set, scs, Zj
set_attributes, sgr, sa
set_background, setb, Sb
set_bottom_margin, smgb, Zk
set_bottom_margin_parm, smgbp, Zl
set_clock, sclk, SC
set_color_pair, scp, sp
set_foreground, setf, Sf
set_left_margin, smgl, ML
set_left_margin_parm, smglp, Zm
set_right_margin,
smgr, MR
set_right_margin_parm, smgrp, Zn
set_tab, hts, st
set_top_margin, smgt, Zo
set_top_margin_parm, smgtp, Zp
set_window, wind, wi
start_bit_image, sbim, Zq
start_char_set_def, scsd, Zr
stop_bit_image, rbim, Zs
stop_char_set_def, rcsd, Zt

subscript_characters, subcs, Zu
superscript_characters, supcs, Zv
tab, ht, ta
these_cause_cr, docr, Zw
to_status_line, tsl, ts
tone, tone, TO
underline_char, uc, uc
up_half_line, hu, hu
user0, u0, u0
user1, u1, u1
user2, u2, u2
user3, u3, u3
user4, u4, u4
user5, u5, u5
user6, u6, u6
user7, u7, u7
user8, u8, u8
user9, u9, u9
wait_tone, wait, WA
xoff_character, xoffc, XF
xon_character, xonc, XN
zero_motion, zerom, Zx
alt_scancode_esc, scesa, S8
bit_image_carriage_return, bicr, Yv
bit_image_newline, binel, Zz
bit_image_repeat, birep, Xy
char_set_names, csnm, Zy
code_set_init, csin, ci
color_names, colornm, Yw
define_bit_image_region, defbi, Yx
device_type, devt, dv
display_pc_char, dispc, S1
end_bit_image_region, endbi, Yy
enter_pc_charset_mode,
smpch, S2
enter_scancode_mode, smsc, S4
exit_pc_charset_mode, rmpch, S3
exit_scancode_mode, rmsc, S5
get_mouse, getm, Gm
key_mouse, kmous, Km
mouse_info, minfo, Mi
pc_term_options, pctrm, S6
pkey_plab, pfxl, xl
req_mouse_pos, reqmp, RQ
scancode_escape, scesc, S7
set0_des_seq, s0ds, s0
set1_des_seq, s1ds, s1
set2_des_seq, s2ds, s2

set3_des_seq, s3ds, s3
set_a_background, setab, AB
set_a_foreground, setaf, AF
set_color_band, setcolor, Yz
set_lr_margin, smglr, ML
set_page_length, slines, YZ
set_tb_margin, smgtb, MT
enter_horizontal_hl_mode, ehhlm, Xh
enter_left_hl_mode, elhlm, Xl
enter_low_hl_mode, elohlm, Xo
enter_right_hl_mode, erhlm, Xr
enter_top_hl_mode, ethlm, Xt
enter_vertical_hl_mode, evhlm, Xv
set_a_attributes, sgr1, sA
set_pglen_inch, slength, sL

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* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/NonBlocking.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/NonBlockingInputStreamImpl.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/impl/LineDisciplineTerminal.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/StyleResolver.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/impl/PosixSysTerminal.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/impl/PosixPtyTerminal.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/impl/ExternalTerminal.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/Terminal.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/impl/DumbTerminal.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/NonBlockingReaderImpl.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/NonBlockingInputStream.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/Timeout.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/AttributedStringBuilder.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/Size.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/NonBlockingReader.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/Colors.java
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* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/Log.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/Display.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/ColorPalette.java
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* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/Cursor.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/impl/ExecPty.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/ClosedException.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/package-info.java
*
 /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/ShutdownHooks.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/AttributedString.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/impl/CursorSupport.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/OSUtils.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/impl/package-info.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/ExecHelper.java

* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/impl/MouseSupport.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/Attributes.java
*
 /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/InputStreamReader.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/MouseEvent.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/spi/Pty.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/WCWidth.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/impl/NativeSignalHandler.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/DiffHelper.java
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* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/terminal/TerminalBuilder.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/AttributedCharSequence.java
* /opt/cola/permits/1617269369_1679983090.4024625/0/jline-terminal-3-22-0-sources-jar/org/jline/utils/AttributedStyle.java

1.2056 jline-remote-telnet 3.22.0

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*
 /opt/cola/permits/1617269336_1681870942.7113671/0/jline-remote-telnet-3-22-0-sources-jar/org/jline/builtins/telnet/ConnectionData.java
* /opt/cola/permits/1617269336_1681870942.7113671/0/jline-remote-telnet-3-22-0-sources-jar/org/jline/builtins/telnet/TelnetIO.java
* /opt/cola/permits/1617269336_1681870942.7113671/0/jline-remote-telnet-3-22-0-sources-jar/org/jline/builtins/telnet/Connection.java
* /opt/cola/permits/1617269336_1681870942.7113671/0/jline-remote-telnet-3-22-0-sources-jar/org/jline/builtins/telnet/ConnectionEvent.java

* /opt/cola/permits/1617269336_1681870942.7113671/0/jline-remote-telnet-3-22-0-sources-jar/org/jline/builtins/telnet/ConnectionManager.java
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1.2057 jline-builtins 3.22.0

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* /opt/cola/permits/1617269052_1681870941.6195126/0/jline-builtins-3-22-0-sources-jar/org/jline/builtins/Less.java
* /opt/cola/permits/1617269052_1681870941.6195126/0/jline-builtins-3-22-0-sources-jar/org/jline/builtins/SyntaxHighlighter.java
* /opt/cola/permits/1617269052_1681870941.6195126/0/jline-builtins-3-22-0-sources-jar/org/jline/builtins/Source.java
* /opt/cola/permits/1617269052_1681870941.6195126/0/jline-builtins-3-22-0-sources-jar/org/jline/builtins/Commands.java
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* /opt/cola/permits/1617269052_1681870941.6195126/0/jline-builtins-3-22-0-sources-jar/org/jline/builtins/TTop.java
* /opt/cola/permits/1617269052_1681870941.6195126/0/jline-builtins-3-22-0-sources-jar/org/jline/builtins/Styles.java
* /opt/cola/permits/1617269052_1681870941.6195126/0/jline-builtins-3-22-0-sources-jar/org/jline/builtins/ConsoleOptionGetter.java

1.2058 jline-terminal-jansi 3.22.0

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* /opt/cola/permits/1617269406_1681865105.007936/0/jline-terminal-jansi-3-22-0-sources-jar/org/jline/terminal/impl/jansi/JansiNativePty.java
* /opt/cola/permits/1617269406_1681865105.007936/0/jline-terminal-jansi-3-22-0-sources-jar/org/jline/terminal/impl/jansi/JansiTerminalProvider.java
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#
class = org.jline.terminal.impl.jansi.JansiTerminalProvider

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* /opt/cola/permits/1617269406_1681865105.007936/0/jline-terminal-jansi-3-22-0-sources-jar/META-INF/services/org/jline/terminal/provider/jansi
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* /opt/cola/permits/1617269406_1681865105.007936/0/jline-terminal-jansi-3-22-0-sources-jar/org/jline/terminal/impl/jansi/linux/LinuxNativePty.java
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* /opt/cola/permits/1617269406_1681865105.007936/0/jline-terminal-jansi-3-22-0-sources-jar/org/jline/terminal/impl/jansi/win/JansiWinConsoleWriter.java
* /opt/cola/permits/1617269406_1681865105.007936/0/jline-terminal-jansi-3-22-0-sources-jar/org/jline/terminal/impl/jansi/osx/OsXNativePty.java

1.2059 kustomize-kyaml 0.14.1

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1.2060 kustomize-api 0.13.2

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* org.eclipse.jetty.orbit:javax.mail.glassfish

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* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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* java.sun.security.ssl

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-impl

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org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
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org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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org.eclipse.jetty.toolchain:jetty-schemas

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
artifacts may be included in the distribution or downloaded when ALPN
module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
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http://openjdk.java.net/legal/gplv2+ce.html

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2
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org.mortbay.jasper:apache-jsp
 org.apache.tomcat:tomcat-jasper
 org.apache.tomcat:tomcat-juli
 org.apache.tomcat:tomcat-jsp-api
 org.apache.tomcat:tomcat-el-api
 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-api
 org.apache.tomcat:tomcat-util-scan
 org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
artifacts may be included in the distribution or downloaded when ALPN
module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
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http://openjdk.java.net/legal/gplv2+ce.html

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
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org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
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org.eclipse.jetty.toolchain:jetty-schemas

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
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org.apache.tomcat:tomcat-juli
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org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan
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1.2074 kubernetes-model 6.5.1

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* /opt/cola/permits/1634239336_1681837914.7124803/0/kubernetes-model-apiextensions-6-5-1-sources-jar/io/fabric8/kubernetes/api/model/apiextensions/v1/JSONSchemaPropsOrStringArraySerDe.java

1.2075 kubernetes-model-gatewayapi 6.5.1

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1.2076 kubernetes-client 6.5.1

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1.2077 zookeeper-jute 3.6.4

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* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/RequestHeader.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/txn/DeleteTxn.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/SetSASLResponse.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/GetMaxChildrenRequest.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/CreateTTLRequest.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/proto/SyncRequest.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/zookeeper/server/persistence/FileHeader.java
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 -->
```

Found in path(s):
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/META-INF/maven/org.apache.zookeeper/zookeeper-jute/pom.xml
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Found in path(s):
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/package.html
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/generated/package.html

* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/package.html
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* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/JBuffer.java
*
 /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/JMap.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/OutputArchive.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/JByte.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/JCompType.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/JInt.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/JLong.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/JString.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/Record.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/ToStringOutputArchive.java
*
 /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/JRecord.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-

jar/org/apache/jute/RecordWriter.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/JDouble.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/JVector.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/RecordReader.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/BinaryOutputArchive.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/BinaryInputArchive.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/CSharpGenerator.java
*
/opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/JType.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/Utils.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/CGenerator.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/CppGenerator.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/JBoolean.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/JField.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/JavaGenerator.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/JFloat.java
*
/opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/Index.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/JFile.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/InputArchive.java
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* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/generated/TokenMgrError.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/generated/ParseException.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/generated/rcc.jj
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/generated/SimpleCharStream.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/generated/Token.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/generated/RccConstants.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/generated/RccTokenManager.java
* /opt/cola/permits/1634239229_1681207427.7329538/0/zookeeper-jute-3-6-4-sources-jar/org/apache/jute/compiler/generated/Rcc.java

1.2078 kubernetes-model-node 6.5.1

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* /opt/cola/permits/1634239322_1681207432.5711164/0/kubernetes-model-node-6-5-1-sources-jar/META-INF/maven/io.fabric8/kubernetes-model-node/pom.xml

1.2079 kubernetes-model-resource 6.5.1

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1.2080 kubernetes-httpclient-okhttp 6.5.1

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Found in path(s):
* /opt/cola/permits/1634239294_1681828841.403642/0/kubernetes-httpclient-okhttp-6-5-1-sources-jar/io/fabric8/kubernetes/client/okhttp/OkHttpClientFactory.java
* /opt/cola/permits/1634239294_1681828841.403642/0/kubernetes-httpclient-okhttp-6-5-1-sources-jar/io/fabric8/kubernetes/client/okhttp/OkHttpClientBuilderImpl.java
* /opt/cola/permits/1634239294_1681828841.403642/0/kubernetes-httpclient-okhttp-6-5-1-sources-jar/io/fabric8/kubernetes/client/okhttp/OkHttpWebSocketImpl.java
* /opt/cola/permits/1634239294_1681828841.403642/0/kubernetes-httpclient-okhttp-6-5-1-sources-jar/io/fabric8/kubernetes/client/okhttp/OkHttpClientImpl.java
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io.fabric8.kubernetes.client.okhttp.OkHttpClientFactory

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1.2081 kubernetes-model-flowcontrol 6.5.1

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Manifest-Version: 1.0
Build-Jdk-Spec: 1.8
Bundle-Description: Java client for Kubernetes and OpenShift
Bundle-DocURL: http://redhat.com
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-ManifestVersion: 2
Bundle-Name: Fabric8 :: Kubernetes Model :: FlowControl
Bundle-SymbolicName: io.fabric8.kubernetes-model-flowcontrol
Bundle-Vendor: Red Hat
Bundle-Version: 6.5.1
Created-By: Apache Maven Bundle Plugin 5.1.8
Export-Package: io.fabric8.kubernetes.api.model.flowcontrol.v1alpha1;u
ses:="com.fasterxml.jackson.annotation,com.fasterxml.jackson.databind
,com.fasterxml.jackson.databind.annotation,io.fabric8.kubernetes.api.
builder,io.fabric8.kubernetes.api.model,io.fabric8.kubernetes.model.a
nnotation";version="6.5.1",io.fabric8.kubernetes.api.model.flowcontro
l.v1beta1;uses:="com.fasterxml.jackson.annotation,com.fasterxml.jacks
on.databind,com.fasterxml.jackson.databind.annotation,io.fabric8.kube
 rnetes.api.builder,io.fabric8.kubernetes.api.model,io.fabric8.kuberne
tes.model.annotation";version="6.5.1",io.fabric8.kubernetes.api.model
.flowcontrol.v1beta2;uses:="com.fasterxml.jackson.annotation,com.fast
erxml.jackson.databind,com.fasterxml.jackson.databind.annotation,io.f
abric8.kubernetes.api.builder,io.fabric8.kubernetes.api.model,io.fabr
ic8.kubernetes.model.annotation";version="6.5.1",io.fabric8.kubernete
s.api.model.flowcontrol.v1beta3;uses:="com.fasterxml.jackson.annotati
on,com.fasterxml.jackson.databind,com.fasterxml.jackson.databind.anno
tation,io.fabric8.kubernetes.api.builder,io.fabric8.kubernetes.api.mo
del,io.fabric8.kubernetes.model.annotation";version="6.5.1"
Implementation-URL: http://fabric8.io/kubernetes-model-generator/kuber
netes-model-flowcontrol/
Import-Package: com.fasterxml.jackson.annotation;version="[2.14,3)",co
m.fasterxml.jackson.databind;version="[2.14,3)",com.fasterxml.jackson

.databind.annotation;version="[2.14,3)",io.fabric8.kubernetes.api.bui
 lder;version="[6.5,7)",io.fabric8.kubernetes.api.model,io.fabric8.kub
ernetes.model.annotation;version="[6.5,7)"
Include-Resource: META-INF/services/io.fabric8.kubernetes.api.model.Ku
bernetesResource=target/classes/META-INF/services/io.fabric8.kubernet
es.api.model.KubernetesResource,schema/kube-schema.json=src/main/reso
urces/schema/kube-schema.json,schema/validation-schema.json=src/main/
resources/schema/validation-schema.json,manifest.vm=src/main/resource
s/manifest.vm,/META-INF/jandex.idx=target/classes/META-INF/jandex.idx
Private-Package: schema
Provide-Capability: osgi.serviceloader;osgi.serviceloader="io.fabric8.
kubernetes.api.model.KubernetesResource"
Require-Capability: osgi.extender;filter:="(osgi.extender=osgi.service
loader.registrar)",osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"
Scm-Connection: scm:git:git@github.com:fabric8io/kubernetes-client.git
/kubernetes-model-generator/kubernetes-model-flowcontrol
Scm-Revision: ${buildNumber}
Scm-Url: http://github.com/fabric8io/kubernetes-client/kubernetes-mode
 l-generator/kubernetes-model-flowcontrol/
Specification-Title: Fabric8 :: Kubernetes Model :: FlowControl
Specification-Vendor: Red Hat
Specification-Version: 6.5
Tool: Bnd-6.3.1.202206071316

Found in path(s):
* /opt/cola/permits/1634239271_1681207449.919786/0/kubernetes-model-flowcontrol-6-5-1-jar/META-INF/MANIFEST.MF
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1.2082 zookeeper 3.6.4

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* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/Request.java
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* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/cli/GetEphemeralsCommand.java
*
 /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/cli/SyncCommand.java
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* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/cli/VersionCommand.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/cli/GetAllChildrenNumberCommand.java
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* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/util/SerializeUtils.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/metrics/SummarySet.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/common/PKCS12FileLoader.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/common/StandardTypeFileKeyStoreLoader.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/ServerConfig.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-

jar/org/apache/zookeeper/cli/MalformedPathException.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/auth/KeyAuthenticationProvider.java
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/opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/command/MonitorCommand.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/ZooKeeperMain.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/ZooKeeperCriticalThread.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/audit/AuditConstants.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/jmx/MBeanRegistry.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/quorum/RemotePeerBean.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/quorum/LeaderMXBean.java
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/opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/ExpiryQueue.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/quorum/LeaderRequestProcessor.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/NodeHashMapImpl.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/admin/CommandBase.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/ConnectionBean.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/Testable.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/ZooKeeper.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/cli/StatCommand.java
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/opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/quorum/FastLeaderElection.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/NodeHashMap.java
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* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/persistence/FileTxnLog.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/admin/UnifiedConnectionFactory.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/util/BitHashSet.java

* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/DigestCalculator.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/audit/Log4jAuditLogger.java
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/opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/command/TraceMaskCommand.java
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* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/admin/CommandOutputter.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/admin/AdminServer.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/LogFormatter.java
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/opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/util/LogChopper.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/quorum/QuorumMXBean.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/command/EnvCommand.java
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* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/quorum/LearnerHandler.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/cli/DeleteAllCommand.java
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/opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/quorum/ObserverZooKeeperServer.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/quorum/flexible/QuorumVerifier.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/common/SSLContextAndOptions.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/ClientCnxnLimitException.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/util/JvmPauseMonitor.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-

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* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-
jar/org/apache/zookeeper/common/AtomicFileOutputStream.java
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 /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-
jar/org/apache/zookeeper/server/SessionTrackerImpl.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-
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jar/org/apache/zookeeper/MultiResponse.java
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jar/org/apache/zookeeper/OpResult.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-
jar/org/apache/zookeeper/server/admin/CommandResponse.java
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jar/org/apache/zookeeper/Op.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-
jar/org/apache/zookeeper/server/watch/WatchesReport.java
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jar/org/apache/zookeeper/MultiOperationRecord.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-
jar/org/apache/zookeeper/server/watch/WatchesSummary.java
* /opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-
jar/org/apache/zookeeper/server/watch/WatchesPathReport.java
*

/opt/cola/permits/1634239220_1681207436.7456996/0/zookeeper-3-6-4-sources-jar/org/apache/zookeeper/server/ZooKeeperServerConf.java
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* /opt/cola/permits/1634239315_1681840524.299943/0/kubernetes-model-common-6-5-1-sources-jar/io/fabric8/kubernetes/model/annotation/Version.java
* /opt/cola/permits/1634239315_1681840524.299943/0/kubernetes-model-common-6-5-1-sources-jar/io/fabric8/kubernetes/model/annotation/Plural.java
* /opt/cola/permits/1634239315_1681840524.299943/0/kubernetes-model-common-6-5-1-sources-jar/io/fabric8/kubernetes/model/annotation/Kind.java
*
 /opt/cola/permits/1634239315_1681840524.299943/0/kubernetes-model-common-6-5-1-sources-jar/io/fabric8/kubernetes/model/annotation/SpecReplicas.java

* /opt/cola/permits/1634239315_1681840524.299943/0/kubernetes-model-common-6-5-1-sources-jar/io/fabric8/kubernetes/model/annotation/ShortNames.java
* /opt/cola/permits/1634239315_1681840524.299943/0/kubernetes-model-common-6-5-1-sources-jar/io/fabric8/kubernetes/model/jackson/JsonUnwrappedDeserializer.java
* /opt/cola/permits/1634239315_1681840524.299943/0/kubernetes-model-common-6-5-1-sources-jar/io/fabric8/kubernetes/model/jackson/SettableBeanPropertyDelegate.java
* /opt/cola/permits/1634239315_1681840524.299943/0/kubernetes-model-common-6-5-1-sources-jar/io/fabric8/kubernetes/model/jackson/BeanPropertyWriterDelegate.java
* /opt/cola/permits/1634239315_1681840524.299943/0/kubernetes-model-common-6-5-1-sources-jar/io/fabric8/kubernetes/model/jackson/UnmatchedFieldTypeModule.java
* /opt/cola/permits/1634239315_1681840524.299943/0/kubernetes-model-common-6-5-1-sources-jar/io/fabric8/kubernetes/model/annotation/Singular.java
* /opt/cola/permits/1634239315_1681840524.299943/0/kubernetes-model-common-6-5-1-sources-jar/io/fabric8/kubernetes/model/annotation/PrinterColumn.java
* /opt/cola/permits/1634239315_1681840524.299943/0/kubernetes-model-common-6-5-1-sources-jar/io/fabric8/kubernetes/model/annotation/LabelSelector.java
* /opt/cola/permits/1634239315_1681840524.299943/0/kubernetes-model-common-6-5-1-sources-jar/io/fabric8/kubernetes/model/annotation/Group.java
* /opt/cola/permits/1634239315_1681840524.299943/0/kubernetes-model-common-6-5-1-sources-jar/io/fabric8/kubernetes/model/util/Helper.java
* /opt/cola/permits/1634239315_1681840524.299943/0/kubernetes-model-common-6-5-1-sources-jar/io/fabric8/kubernetes/model/Scope.java
* /opt/cola/permits/1634239315_1681840524.299943/0/kubernetes-model-common-6-5-1-sources-jar/io/fabric8/kubernetes/model/annotation/StatusReplicas.java
* /opt/cola/permits/1634239315_1681840524.299943/0/kubernetes-model-common-6-5-1-sources-jar/io/fabric8/kubernetes/model/annotation/Generated.java
* /opt/cola/permits/1634239315_1681840524.299943/0/kubernetes-model-common-6-5-1-sources-jar/io/fabric8/kubernetes/model/jackson/UnwrappedTypeResolverBuilder.java

1.2085 enum34 1.1.6-2ubuntu1

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1.2086 x-text 0.9.0

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1.2087 sudo 1.8.31-1ubuntu1.5

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jloup@gzip.org madler@alumni.caltech.edu

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code or patches to this implementation of sudo since I began
maintaining it in 1993. This list is known to be incomplete--if
you believe you should be listed, please send a note to sudo@sudo.ws.

Ackeret, Matt
Adler, Mark
Allbery, Russ
Anderson, Jamie
Andrew, Nick
Andric, Dimitry
Barron, Danny
Bates, Tom
Behan, Zdenk
Bellis, Ray
Benali, Elias
Beverly, Jamie
Boardman, Spider
Bos, Sander
Bostley, P.J.
Bowes, Keith
Boyce, Keith Garry
Brantley, Michael
Braun, Rob
Bezina, Pavel
Brooks, Piete
Brown, Jerry
Burr, Michael E
Burton, Ross
Bussjaeger, Andreas
Calvin, Gary
Campbell, Aaron

Chazelas, Stephane
Cheloha, Scott
ek, Vtzslav
Coleman, Chris
Corzine, Deven T.
Cusack, Frank
Dai, Wei
Dill, David
Earickson, Jeff
Eckhardt, Drew
Edgington, Ben
Esipovich, Marc
Espie, Marc
Faigon, Ariel
Farrell, Brian
Fobes, Steve
Frysinger, Mike
G., Daniel Richard
Gailly, Jean-loup
Gelman, Stephen
Gerraty, Simon J.
Graber, Stephane
Guillory, B.
Hayman, Randy M.
Henke, Joachim
Hideaki, Yoshifuji
Hieb, Dave
Holloway, Nick
Hoover, Adam
Hunter, Michael T.
Hutchings, Ben
Irrgang, Eric
Jackson, Brian
Jackson, John R.
Jackson, Richard L., Jr.
Janssen, Mark
Jepeway, Chris
Jorge, Joel Pele
Jover, Guillem
Juhani, Timo
Kikuchi, Ayamura
Kadow, Kevin
Kasal, Stepan
Kienenberger, Mike
King, Dale
King, Michael
Klyachkin, Andrey
Knoble, Jim

Knox, Tim
Komarnitsky, Alek O.
Kondrashov, Nikolai
Kopeek, Daniel
Kranenburg, Paul
Krause, David
Lakin, Eric
Larsen, Case
Levin, Dmitry V.
Libby, Kendall
Lobbes, Phillip E.
McIntyre, Jason
MacKenzie, David J.
McLaughlin, Tom
Makey, Jeff
Mallayya, Sangamesh
Marchionna, Michael D.
Markham, Paul
Martinian, Emin
Meskes, Michael
Michael, David
Miller, Todd C.
Minier, Loc
Moffat, Darren
Moldung, Jan Thomas
Morris, Charles
Mueller, Andreas
Mller, Dworkin
Nieusma, Jeff
Nikitser, Peter A.
Nussel, Ludwig
Ouellet, Jean-Philippe
Paquet, Eric
Paradis, Chantal
Pasteleurs, Frederic
Percival, Ted
Perera, Andres
Peron, Christian S.J.
Peschel, Aaron
Peslyak, Alexander
Peterson, Toby
Petten, Diego Elio
Pickett, Joel
Plotnick, Alex
de Raadt, Theo
Rasch, Gudleik
Reid, Steve
Richards, Matt

Rossum, Guido van
Rouillard, John P.
Rowe, William A., Jr.
Roy, Alain
Ruusame, Elan
Ryabinkin, Eygene
Sato, Yuichi
Snchez, Wilfredo
Sanders, Miguel
Sasaki, Kan
Saucier, Jean-Francois
Schoenfeld, Patrick
Schuring, Arno
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Scott, Dougal
Sieger, Nick
Simon, Thor Lancelot
Slemko, Marc
Smith, Andy
Sobrado, Igor
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Spradling, Cloyce D.
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Valery, Reznic
Van Dinter, Theo
Venckus, Martynas
de Vries, Maarten
Wagner, Klaus
Walsh, Dan
Warburton, John
Webb, Kirk
Wetzel, Timm
Wieringen, Marco van
Wilk, Jakub

Winiger, Gary
Wood, David
Zacarias, Gustavo
Zolnowsky, John

The following people have worked to translate sudo into other languages as part of the Translation Project, see https://translationproject.org for more details.

Albuquerque, Pedro
Blttermann, Mario
Bogusz, Jakub
Buo-ren, Lin
Casagrande, Milo
Castro, Felipe
Cho, Seong-ho
Chornoivan, Yuri
Diguez,
Francisco
Fontenelle, Rafael
Garca-Fontes, Walter
Gezer, Volkan
Hamasaki, Takeshi
Hamming, Peter
Hansen, Joe
Hantrais, Frdric
Hein, Jochen
Hufthammer, Karl Ove
Jerovek, Damir
Karvonen, Jorma
Kazik, Duan
Kelemen, Gbor
Keeci, Mehmet
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Kramer, Jakob
Krznar, Tomislav
Marchal, Frdric
Margeviius, Algimantas
Maryanov, Pavel
Nikoli, Miroslav
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Tomat, Fbio
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1.2088 kustomize-kustomize 5.0.1

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1.2091 jetty-security 9.4.51.v20230217

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

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* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
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http://openjdk.java.net/legal/gplv2+ce.html

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org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
 org.apache.tomcat:tomcat-jasper
 org.apache.tomcat:tomcat-juli
 org.apache.tomcat:tomcat-jsp-api
 org.apache.tomcat:tomcat-el-api
 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-api
 org.apache.tomcat:tomcat-util-scan
 org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-el-api

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.2093 glibc 2.31-0ubuntu9.9

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1.2095 jackson-module-blackbird 2.13.5

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1.2101 lib-pq 1.10.9

1.2101.1 Available under license :

```
//go:build go1.10
// +build go1.10

package pq

import (
 "context"
 "database/sql/driver"
)

// NoticeHandler returns the notice handler on the given connection, if any. A
// runtime panic occurs if c is not a pq connection. This is rarely used
// directly, use ConnectorNoticeHandler and ConnectorWithNoticeHandler instead.
func NoticeHandler(c driver.Conn) func(*Error) {
 return c.(*conn).noticeHandler
}

// SetNoticeHandler sets the given notice handler on the given connection. A
// runtime panic occurs if c is not a pq connection. A nil handler may be used
// to unset it. This is rarely used directly, use ConnectorNoticeHandler and
// ConnectorWithNoticeHandler instead.
//
// Note: Notice handlers are executed synchronously by pq meaning commands
// won't continue to be processed until the handler returns.
func SetNoticeHandler(c driver.Conn, handler func(*Error)) {
 c.(*conn).noticeHandler = handler
}

// NoticeHandlerConnector wraps a regular connector and sets a notice handler
//
 on it.
type NoticeHandlerConnector struct {
 driver.Connector
 noticeHandler func(*Error)
}

// Connect calls the underlying connector's connect method and then sets the
// notice handler.
func (n *NoticeHandlerConnector) Connect(ctx context.Context) (driver.Conn, error) {
 c, err := n.Connector.Connect(ctx)
```

```
 if err == nil {
  SetNoticeHandler(c, n.noticeHandler)
 }
 return c, err
}

// ConnectorNoticeHandler returns the currently set notice handler, if any. If
// the given connector is not a result of ConnectorWithNoticeHandler, nil is
// returned.
func ConnectorNoticeHandler(c driver.Connector) func(*Error) {
 if c, ok := c.(*NoticeHandlerConnector); ok {
  return c.noticeHandler
 }
 return nil
}

// ConnectorWithNoticeHandler creates or sets the given handler for the given
// connector. If the given connector is a result of calling this function
// previously, it is simply set on the given connector and returned. Otherwise,
// this returns a new connector wrapping the given one and
 setting the notice
// handler. A nil notice handler may be used to unset it.
//
// The returned connector is intended to be used with database/sql.OpenDB.
//
// Note: Notice handlers are executed synchronously by pq meaning commands
// won't continue to be processed until the handler returns.
func ConnectorWithNoticeHandler(c driver.Connector, handler func(*Error)) *NoticeHandlerConnector {
 if c, ok := c.(*NoticeHandlerConnector); ok {
  c.noticeHandler = handler
  return c
 }
 return &NoticeHandlerConnector{Connector: c, noticeHandler: handler}
}
```

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1.2102 joda-time 2.12.5

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#
builds/unix/pkg.m4
#
docs/FTL.TXT
docs/GPLv2.TXT
#
include/freetype/internal/fthash.h
#
src/base/fthash.c
src/base/md5.c
src/base/md5.h
#
src/bdf/bdf.c
src/bdf/bdf.h
src/bdf/bdfdrivr.c
src/bdf/bdfdrivr.h
src/bdf/bdferror.h
src/bdf/bdflib.c
src/bdf/module.mk
src/bdf/README
src/bdf/rules.mk
#
src/pcf/module.mk
src/pcf/pcf.c
src/pcf/pcf.h
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
src/pcf/pcferror.h
src/pcf/pcfread.c
src/pcf/pcfread.h
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src/pcf/README
src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
```

src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
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1.2109 libgpg-error 1.37-1

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procfs provides functions to retrieve system, kernel and process
metrics from the pseudo-filesystem proc.

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Gocheck - A rich testing framework for Go

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1.2118 servlet-api 2.3

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 /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-
jar/javax/servlet/http/HttpSessionBindingEvent.java
* /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-
jar/javax/servlet/GenericServlet.java
* /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-
jar/javax/servlet/http/HttpSessionContext.java
* /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-
jar/javax/servlet/ServletException.java
* /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-
jar/javax/servlet/http/HttpSession.java
* /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-
jar/javax/servlet/UnavailableException.java
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* /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-jar/javax/servlet/ServletInputStream.java
* /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-jar/javax/servlet/http/HttpServlet.java
*
 /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-jar/javax/servlet/ServletConfig.java
* /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-jar/javax/servlet/http/HttpServletRequest.java
* /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-jar/javax/servlet/SingleThreadModel.java
* /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-jar/javax/servlet/http/HttpServletResponse.java
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* /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-jar/javax/servlet/RequestDispatcher.java
* /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-jar/javax/servlet/http/HttpUtils.java
* /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-jar/javax/servlet/ServletResponse.java
* /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-jar/javax/servlet/ServletRequest.java
*
 /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-jar/javax/servlet/ServletOutputStream.java
* /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-jar/javax/servlet/http/HttpSessionBindingListener.java
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* /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-jar/javax/servlet/jsp/JspFactory.java
*

/opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-jar/javax/servlet/jsp/tagext/BodyTagSupport.java
* /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-jar/javax/servlet/jsp/JspTagException.java
* /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-jar/javax/servlet/jsp/tagext/TagSupport.java
* /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-jar/javax/servlet/jsp/HttpJspPage.java
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* /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-jar/javax/servlet/jsp/tagext/BodyContent.java
* /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-jar/javax/servlet/jsp/PageContext.java
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/opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-jar/javax/servlet/jsp/tagext/TagData.java
* /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-jar/javax/servlet/jsp/tagext/TagExtraInfo.java
* /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-jar/javax/servlet/jsp/tagext/BodyTag.java
* /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-jar/javax/servlet/jsp/tagext/TagAttributeInfo.java
* /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-jar/javax/servlet/jsp/JspPage.java
* /opt/cola/permits/1681767244_1684502249.487641/0/servlet-api-2-3-sources-3-jar/javax/servlet/jsp/tagext/VariableInfo.java
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1.2128 logback-access 1.2.12

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# This SQL script creates the required tables by ch.qos.logback.classic.db.DBAppender
#
# It is intended for PostgreSQL databases.

DROP TABLE    access_event_exception;
DROP SEQUENCE access_event_id_seq;
DROP TABLE    access_event;

CREATE SEQUENCE access_event_id_seq MINVALUE 1 START 1;

CREATE TABLE access_event
 (
  timestmp         BIGINT NOT NULL,
  requestURI       VARCHAR(254),
  requestURL       VARCHAR(254),
  remoteHost       VARCHAR(254),
```

```
  remoteUser        VARCHAR(254),
  remoteAddr        VARCHAR(254),
  protocol          VARCHAR(254),
  method            VARCHAR(254),
  serverName        VARCHAR(254),
  postContent       VARCHAR(254),
  event_id          BIGINT DEFAULT
 nextval('access_event_id_seq') PRIMARY KEY
 );

CREATE TABLE access_event_header
(
  event_id       BIGINT NOT NULL,
  header_key        VARCHAR(254) NOT NULL,
  header_value      VARCHAR(1024),
  PRIMARY KEY(event_id, header_key),
  FOREIGN KEY (event_id) REFERENCES access_event(event_id)
 );
```

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# This SQL script creates the required tables by ch.qos.logback.access.db.DBAppender.
#
# It is intended for MySQL databases. It has been tested on MySQL 5.5.31 with
# INNODB tables.


BEGIN;
DROP TABLE IF EXISTS access_event_header;
DROP TABLE IF EXISTS access_event;
COMMIT;

BEGIN;
CREATE TABLE access_event
 (
  timestmp          BIGINT NOT NULL,
  requestURI        VARCHAR(254),
  requestURL        VARCHAR(254),
  remoteHost        VARCHAR(254),
```

```
  remoteUser       VARCHAR(254),
  remoteAddr       VARCHAR(254),
  protocol         VARCHAR(254),
  method           VARCHAR(254),
  serverName       VARCHAR(254),
  postContent      VARCHAR(254),
  event_id         BIGINT NOT NULL
 AUTO_INCREMENT PRIMARY KEY
 );
COMMIT;

BEGIN;
CREATE TABLE access_event_header
 (
  event_id       BIGINT NOT NULL,
  header_key       VARCHAR(254) NOT NULL,
  header_value     VARCHAR(1024),
  PRIMARY KEY(event_id, header_key),
  FOREIGN KEY (event_id) REFERENCES access_event(event_id)
 );
COMMIT;
```

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--
-- It is intended for Oracle databases.


CREATE SEQUENCE access_event_id_seq MINVALUE 1 START WITH 1;


CREATE TABLE access_event
 (
  timestmp         NUMBER(20) NOT NULL,
  requestURI    VARCHAR(254),
  requestURL       VARCHAR(254),
  remoteHost       VARCHAR(254),
  remoteUser       VARCHAR(254),
```

```
  remoteAddr       VARCHAR(254),
  protocol         VARCHAR(254),
  method           VARCHAR(254),
  serverName       VARCHAR(254),
  postContent      VARCHAR(254),
  event_id         NUMBER(20) PRIMARY KEY
 );

-- the / suffix may or may not be needed depending on your SQL Client
--
 Some SQL Clients, e.g. SQuirrel SQL has trouble with the following
-- trigger creation command, while SQLPlus (the basic SQL Client which
-- ships with Oracle) has no trouble at all.

CREATE TRIGGER access_event_id_seq_trig
 BEFORE INSERT ON access_event
 FOR EACH ROW
 BEGIN
  SELECT access_event_id_seq.NEXTVAL
  INTO   :NEW.event_id
  FROM   DUAL;
 END access_event_id_seq_trig;
/

CREATE TABLE access_event_header
 (
  event_id       NUMBER(20) NOT NULL,
  header_key       VARCHAR2(254) NOT NULL,
  header_value      VARCHAR2(1024),
  PRIMARY KEY(event_id, header_key),
  FOREIGN KEY (event_id) REFERENCES access_event(event_id)
 );
```

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#
# It is intended for IBM DB2 databases.
#
```

```
# WARNING  WARNING WARNING  WARNING
# ================================
# This SQL script has not been tested on an actual DB2
# instance. It may contain errors or even invalid SQL
# statements.

DROP TABLE  access_event_header;
DROP TABLE  access_event;

CREATE TABLE access_event
 (
   timestmp          BIGINT NOT NULL,
   requestURI        VARCHAR(254),
   requestURL        VARCHAR(254),
   remoteHost        VARCHAR(254),
   remoteUser        VARCHAR(254),
   remoteAddr        VARCHAR(254),
   protocol          VARCHAR(254),
   method            VARCHAR(254),
   serverName
       VARCHAR(254),
   postContent       VARCHAR(254),
   event_id          INTEGER GENERATED ALWAYS AS IDENTITY (START WITH 1)
 );

CREATE TABLE access_event_header
 (
   event_id       INTEGER NOT NULL,
   header_key        VARCHAR(254) NOT NULL,
   header_value      VARCHAR(1024),
   PRIMARY KEY(event_id, header_key),
   FOREIGN KEY (event_id) REFERENCES access_event(event_id)
 );
```

Found in path(s):
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/db/script/db2.sql
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Found in path(s):
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/ElapsedSecondsConverter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/SessionIDConverter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/QueryStringConverter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/ThreadNameConverter.java
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* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/boolex/JaninoEventEvaluator.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/net/SocketNode.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/FullResponseConverter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/jetty/RequestLogRegistry.java
*
 /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/html/UrlCssBuilder.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/spi/AccessContext.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/net/server/ServerSocketAppender.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/LocalIPAddressConverter.java

* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/net/SMTPAppender.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/filter/PeriodicStats.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/servlet/Util.java
*
/opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/AccessConstants.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/sift/SiftingJoranConfigurator.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/FullRequestConverter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/html/DefaultCssBuilder.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/AccessConverter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/LineSeparatorConverter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/EnsureLineSeparation.java
*
/opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/RemoteHostConverter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/RequestContentConverter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/servlet/TeeServletOutputStream.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/html/HTMLLayout.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/filter/StatsByDay.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/joran/action/EvaluatorAction.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/filter/StatsByWeek.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/ResponseHeaderConverter.java
*
/opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/PatternLayoutEncoder.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/RemoteUserConverter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/servlet/TeeHttpServletResponse.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/jetty/JettyServerAdapter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-

jar/ch/qos/logback/access/pattern/RemoteIPAddressConverter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/NAConverter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/spi/IAccessEvent.java
*
/opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/sift/AccessEventDiscriminator.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/tomcat/LogbackValve.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/filter/CountingFilter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/RequestCookieConverter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/LocalPortConverter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/RequestHeaderConverter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/servlet/TeeFilter.java
*
/opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/RequestURLConverter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/filter/StatisticalView.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/StatusCodeConverter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/RequestMethodConverter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/DateConverter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/servlet/TeeServletInputStream.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/sift/SiftAction.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/jetty/JettyModernServerAdapter.java
*
/opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/servlet/TeeHttpServletRequest.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/ResponseContentConverter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/filter/StatsByMonth.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/jetty/RequestLogImpl.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/RequestAttributeConverter.java

* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/RequestProtocolConverter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/net/AccessEventPreSerializationTransformer.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/net/SSLSocketAppender.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/filter/StatsByHour.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/joran/JoranConfigurator.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/ViewStatusMessagesServlet.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/filter/StatsByMinute.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/spi/AccessEvent.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/tomcat/TomcatServerAdapter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/joran/action/ConfigurationAction.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/RequestURIConverter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/ElapsedTimeConverter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/ContentLengthConverter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/sift/AppenderFactoryUsingJoran.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/net/URLEvaluator.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/net/server/SSLServerSocketAppender.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/net/SocketAppender.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/spi/ServerAdapter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/sift/SiftingAppender.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/filter/StatisticalViewImpl.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/pattern/ServerNameConverter.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/spi/Util.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-

jar/ch/qos/logback/access/pattern/RequestParameterConverter.java
*
 /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-
jar/ch/qos/logback/access/net/SimpleSocketServer.java
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-
jar/ch/qos/logback/access/PatternLayout.java
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-- This SQL script creates the required tables by ch.qos.logback.access.db.DBAppender
--

DROP TABLE access_event_header
DROP TABLE access_event

CREATE TABLE access_event
 (
   timestmp          BIGINT NOT NULL,
   requestURI        VARCHAR(254),
   requestURL        VARCHAR(254),
   remoteHost        VARCHAR(254),
   remoteUser        VARCHAR(254),
   remoteAddr        VARCHAR(254),
   protocol          VARCHAR(254),
   method            VARCHAR(254),
   serverName        VARCHAR(254),
   postContent       VARCHAR(254),
   event_id          INT NOT NULL identity,
   PRIMARY KEY(event_id)
 )

CREATE TABLE access_event_header
 (
   event_id          INT NOT NULL,
   header_key
       VARCHAR(254) NOT NULL,
   header_value      VARCHAR(1024),
   PRIMARY KEY(event_id, header_key),
   FOREIGN KEY (event_id) REFERENCES access_event(event_id)
 )
```

Found in path(s):
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-

jar/ch/qos/logback/access/db/script/msSQLServer.sql
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# conditions.

# This SQL script creates the required tables by ch.qos.logback.access.db.DBAppender
#
# It is intended for HSQL databases.


DROP TABLE access_event_header IF EXISTS;
DROP TABLE access_event IF EXISTS;

CREATE TABLE access_event (
 timestmp BIGINT NOT NULL,
 requestURI VARCHAR(254),
 requestURL VARCHAR(254),
 remoteHost VARCHAR(254),
 remoteUser VARCHAR(254),
 remoteAddr VARCHAR(254),
 protocol VARCHAR(254),
 method VARCHAR(254),
 serverName VARCHAR(254),
 postContent VARCHAR(254),
 event_id BIGINT NOT NULL IDENTITY);


CREATE TABLE access_event_header (
 event_id BIGINT NOT NULL,
 header_key  VARCHAR(254) NOT NULL,
 header_value LONGVARCHAR,
 PRIMARY KEY(event_id, header_key),
 FOREIGN KEY
 (event_id) REFERENCES access_event(event_id));
```

Found in path(s):
* /opt/cola/permits/1696247542_1685058174.793666/0/logback-access-1-2-12-sources-jar/ch/qos/logback/access/db/script/hsqldb.sql

1.2129 animal-sniffer-annotation 1.23

1.2129.1 Available under license :

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* /opt/cola/permits/1699778818_1685371632.5170038/0/animal-sniffer-annotations-1-23-jar/META-INF/maven/org.codehaus.mojo/animal-sniffer-annotations/pom.xml

1.2130 openssl 1.1.1f-1ubuntu2.19

1.2130.1 Available under license :

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* /opt/cola/permits/1704412778_1685746927.655543/0/j2objc-annotations-2-8-sources-

jar/com/google/j2objc/annotations/J2ObjCIncompatible.java
* /opt/cola/permits/1704412778_1685746927.655543/0/j2objc-annotations-2-8-sources-jar/com/google/j2objc/annotations/LoopTranslation.java
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* /opt/cola/permits/1704412778_1685746927.655543/0/j2objc-annotations-2-8-sources-jar/com/google/j2objc/annotations/AutoreleasePool.java

1.2136 caff 0.4.2

1.2136.1 Available under license :

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1.2137 jcli 1.0.1

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The End

1.2140 libssh 0.9.3-2ubuntu2.3

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1.2141 python 3.8.10-0ubuntu1~20.04.8

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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2.1.1	2.1+2.0.1	2001	PSF	yes
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1.2143 perl 5.30.0-9ubuntu0.4

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The End

Perl5 Metaconfig Units

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These units are the ones used to build Configure and config_h.SH in the Perl5 distribution.

metaconfig will first look in its standard locations (specified when you installed dist). It will then recurse through the 'U' subdirectory and find any additional "private" units. Private units override standard ones supplied with metaconfig.

Files in this directory:

README
This file.

Glossary.patch
The standard dist units contain some strings that make pod2man complain. This patch silences those warnings. As new units are added and Configure is regenerated, this patch may need more and more 'fuzz' to be applied. It should be freshly regenerated every once in a while. See also mkgloss.pl

ln-all.pl
Re-generate the all/ folder

mkglossary
A script to regenerate Porting/Glossary. You have to manually edit
the top of the script to point the location of your metaconfig units. It is called automatically by 'mksample'. See also mkgloss.pl

mkgloss.pl
A perl script that calls U/mkglossary from the perl source tree, sorts the list of symbols, and applies the patch mentioned in Glossary.patch. When called on its own, redirect the output to a temporary file, and compare that file to Porting/Glossary before applying.

mksample
   A script to regenerate Porting/config.sh and Porting/config.H.
   It also calls mkglossary, if necessary.

Subdirectories:

The units and other related files have been broken up into the following
directories.

a_dvisory/
   These are units that have to go first in the generated config_h.SH.
   A word of explanation: Configure and config_h.SH are generated from 'Units'
   (the *.U files). Files indicate dependencies (using make(1)), and
   Configure is built to follow those dependencies. However, config_h.SH
   is simply built by putting
 all the units in alphabetical order and
   extracting the relevant lines. (This could be fixed, I suppose, but
   it wasn't trivial the one time I looked.)
   The a_dvisory/ directory, then, is a place to put units that need
   to be early in config_h.SH. (Most units are self-contained
   and ought to be able to go anywhere. However, some things, like
   byteorder, need to have the #defines from multiarch available.)

acl/
   This is an old patch to begin to detect and use ACL (access
   control list) file protection schemes.

all/
   A folder that conveniently holds symbolic links to all the modules
   that are used to build the current Configure and config_h.SH.

compline/
   These are similar to the standard units, but I have modified them
   to have a more uniform compile command line, usually using the
   new Compile.U unit. (The ccflags.U unit is perl-specific since it
   mentions -DDEBUGGING and -DPOSIX_SOURCE, but that's the only place
   it is perl-specific.)

dist_patches/
    These are patches to dist that must be applied before it is built
   and installed. I have submitted these for inclusion in the
   regular dist distribution. They have already been applied
   to the ../dist-3.0at70b directory.

ebcdic/
   These are units that had to be specially modified to work under
   either EBCDIC or ASCII.

installdirs/
These are units to handle perl's installation directories and related issues.

modified/
These are modified versions of the standard units. Also included in this directory are new units that are clearly derived from existing units. I have submitted these for inclusion in the regular dist distribution.

nullified/
These are null units that replace units in the standard distribution. Typically they are there because some part of the perl source accidentally uses a symbol that metaconfig thinks means we want the corresponding unit.

perl/
These are specific to perl. Some are heavily derived from original dist units, and are marked as such. Others are original.

perl_patches/
These are patches to the perl source. This directory should ordinarily be empty, but there may have been drift between the standard version of perl and the one associated with these units.

protos/
These are units modified to use the new Hasproto.U or Protochk.U units to check for prototypes.

threads/
These are specific to threading perl.

typedefs/
These are standard units modified to use the modified Typedef.U unit to check for typedefs. (The modified Typdef.U includes a function to avoid unnecessary prompts if the typdef being searched for exists.)

Where appropriate, I submitted these units for inclusion into the regular dist distribution. However, since dist is no longer actively maintained, and the alternative is for *me* to actively maintain it, the units just sit here.

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The units in the "modified" directory have been derived from units
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Easton, PA 18042-1782
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1.2144 nghttp2 1.40.0-1ubuntu0.1

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set yrange [0:]
set terminal pngcairo font 'Sans, 8' lw 1 size 1400,1024

set xtics rotate by -45
set style histogram errorbars gap 2 lw 1
set style fill solid border -1
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1.2145 protobuf-java 3.23.2

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 *
 * Optimised ANSI C code for the Rijndael cipher (now AES)
 *
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 * @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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1.2152 servlet-api 4.0.FR

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1.2153 slf4j-impl 1.7.36

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1.2160 scala-collection-compat_2.13 2.10.0

1.2160.1 Available under license :

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* /opt/cola/permits/1719630887_1686604745.8385057/0/scala-collection-compat-2-13-2-10-0-sources-jar/scala/util/control/compat/package.scala
* /opt/cola/permits/1719630887_1686604745.8385057/0/scala-collection-compat-2-13-2-10-0-sources-jar/scala/collection/compat/immutable/package.scala
* /opt/cola/permits/1719630887_1686604745.8385057/0/scala-collection-compat-2-13-2-10-0-sources-jar/scala/collection/compat/package.scala

1.2161 guava 32.0.1-jre

1.2161.1 Available under license :

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1.2162 util-linux 2.34-0.1ubuntu9.4

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d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be
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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form

under the terms of Sections 1 and 2 above provided that you accompany
it with the complete corresponding
machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
linked with it, is called a "work that uses the Library". Such a
work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library
creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a "work that
uses the
library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
distribute the
object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a
work containing portions of the Library, and distribute that work

under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for

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1.2164 libnss-nis 2.31

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d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be
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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the

object code for the work under the terms of Section 6.
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a) Accompany
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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate
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1.2165 glib 2.64.6-1~ubuntu20.04.6

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1.2168 jackson-xc 2.15.2

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1.2170 jackson-datatype-jsr310 2.15.2

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1.2180 ncurses 6.2-0ubuntu2.1

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1.2181 prometheus-procfs 0.10.1

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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1.2182 jersey 2.17.1

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1.2183 squirrel 1.5.4

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1.2184 python-setuptools 68.0.0

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1.2185 x-sync 0.3.0

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tomb - support for clean goroutine termination in Go.

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1.2187 metrics-httpclient 4.2.19

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Automatic-Module-Name: com.codahale.metrics.httpclient
Build-Jdk-Spec: 11
Bundle-Description: An Apache HttpClient wrapper providing Metrics ins
trumentation of connection pools, request durations and rates,
 and other useful information.
Bundle-License: https://www.apache.org/licenses/LICENSE-2.0.html
Bundle-ManifestVersion: 2
Bundle-Name: Metrics Integration for Apache HttpClient
Bundle-SymbolicName: io.dropwizard.metrics.httpclient
Bundle-Version: 4.2.19
Created-By: Apache Maven Bundle Plugin 5.1.9
Export-Package: com.codahale.metrics.httpclient;uses:="com.codahale.me
trics,org.apache.http,org.apache.http.config,org.apache.http.conn,org
.apache.http.conn.routing,org.apache.http.conn.socket,org.apache.http
.impl.client,org.apache.http.impl.conn,org.apache.http.protocol";vers
ion="4.2.19"
Implementation-Title: Metrics Integration for Apache HttpClient
Implementation-Version: 4.2.19
Import-Package:
 com.codahale.metrics;version="[4.2,5)",org.apache.http
,org.apache.http.client,org.apache.http.client.methods,org.apache.htt
p.client.utils,org.apache.http.config,org.apache.http.conn,org.apache

.http.conn.routing,org.apache.http.conn.socket,org.apache.http.conn.s
sl,org.apache.http.impl.client,org.apache.http.impl.conn,org.apache.h
ttp.pool,org.apache.http.protocol
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-6.3.1.202206071316

Found in path(s):
* /opt/cola/permits/1734075126_1695634098.003408/0/metrics-httpclient-4-2-19-jar/META-INF/MANIFEST.MF

1.2188 prometheus-client 1.16.0

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1.2189 guava 32.1.1-jre

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1.2190 netty-codec 4.1.94.Final

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* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameDecoder.java
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*
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* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/DefaultHeadersImpl.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-

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* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/UnsupportedValueConverter.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/HeadersUtils.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/ProtocolDetectionState.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/ProtocolDetectionResult.java
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* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/META-INF/native-image/io.netty/netty-codec/native-image.properties
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* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/compression/EncoderUtil.java
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* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/string/LineSeparator.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/CodecOutputList.java

* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/DatagramPacketEncoder.java
*
 /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/compression/ByteBufChecksum.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/compression/CompressionUtil.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/string/LineEncoder.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/DateFormatter.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/DatagramPacketDecoder.java
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*/
/**
* A decoder that splits the received {@link ByteBuf}s dynamically by the
* value of the length field in the message.  It is particularly useful when you
* decode a binary message which has an integer header field that represents the
* length of the message body or the whole message.
*
 <p>
* {@link LengthFieldBasedFrameDecoder} has many configuration parameters so
* that it can decode any message with a length field, which is often seen in
* proprietary client-server protocols. Here are some example that will give
* you the basic idea on which option does what.
*
* <h3>2 bytes length field at offset 0, do not strip header</h3>
*
* The value of the length field in this example is <tt>12 (0x0C)</tt> which
* represents the length of "HELLO, WORLD".  By default, the decoder assumes
* that the length field represents the number of the bytes that follows the
* length field.  Therefore, it can be decoded with the simplistic parameter
```

```
* combination.
* <pre>
* <b>lengthFieldOffset</b>   = <b>0</b>
* <b>lengthFieldLength</b>   = <b>2</b>
* lengthAdjustment    = 0
* initialBytesToStrip = 0 (= do not strip header)
*
* BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)
* +--------+----------------+      +--------+----------------+
* | Length | Actual Content
 |----->| Length | Actual Content |
* | 0x000C | "HELLO, WORLD" |      | 0x000C | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 0, strip header</h3>
*
* Because we can get the length of the content by calling
* {@link ByteBuf#readableBytes()}, you might want to strip the length
* field by specifying <tt>initialBytesToStrip</tt>.  In this example, we
* specified <tt>2</tt>, that is same with the length of the length field, to
* strip the first two bytes.
* <pre>
* lengthFieldOffset   = 0
* lengthFieldLength   = 2
* lengthAdjustment    = 0
* <b>initialBytesToStrip</b> = <b>2</b> (= the length of the Length field)
*
* BEFORE DECODE (14 bytes)         AFTER DECODE (12 bytes)
* +--------+----------------+      +----------------+
* | Length | Actual Content |----->| Actual Content |
* | 0x000C | "HELLO, WORLD" |      | "HELLO, WORLD" |
* +--------+----------------+      +----------------+
 * </pre>
*
* <h3>2 bytes length field at offset 0, do not strip header, the length field
*     represents the length of the whole message</h3>
*
* In most cases, the length field represents the length of the message body
* only, as shown in the previous examples.  However, in some protocols, the
* length field represents the length of the whole message, including the
* message header.  In such a case, we specify a non-zero
* <tt>lengthAdjustment</tt>.  Because the length value in this example message
* is always greater than the body length by <tt>2</tt>, we specify <tt>-2</tt>
* as <tt>lengthAdjustment</tt> for compensation.
* <pre>
* lengthFieldOffset   =  0
* lengthFieldLength   =  2
```

```
* <b>lengthAdjustment</b>    = <b>-2</b> (= the length of the Length field)
* initialBytesToStrip =  0
*
* BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)
* +--------+----------------+      +--------+----------------+
* | Length | Actual Content |----->| Length | Actual
 Content |
* | 0x000E | "HELLO, WORLD" |      | 0x000E | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+
* </pre>
*
* <h3>3 bytes length field at the end of 5 bytes header, do not strip header</h3>
*
* The following message is a simple variation of the first example.  An extra
* header value is prepended to the message.  <tt>lengthAdjustment</tt> is zero
* again because the decoder always takes the length of the prepended data into
* account during frame length calculation.
* <pre>
* <b>lengthFieldOffset</b>   = <b>2</b> (= the length of Header 1)
* <b>lengthFieldLength</b>   = <b>3</b>
* lengthAdjustment    = 0
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)                      AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* | Header 1 |  Length  | Actual Content |----->| Header 1 |  Length  | Actual Content |
* |  0xCAFE  | 0x00000C | "HELLO, WORLD" |
|  0xCAFE  | 0x00000C | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>
*
* <h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>
*
* This is an advanced example that shows the case where there is an extra
* header between the length field and the message body.  You have to specify a
* positive <tt>lengthAdjustment</tt> so that the decoder counts the extra
* header into the frame length calculation.
* <pre>
* lengthFieldOffset   = 0
* lengthFieldLength   = 3
* <b>lengthAdjustment</b>    = <b>2</b> (= the length of Header 1)
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)                      AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* |  Length  | Header 1 | Actual Content |----->|  Length  | Header 1 | Actual Content |
* | 0x00000C |  0xCAFE  | "HELLO, WORLD" |      | 0x00000C |  0xCAFE  | "HELLO,
```

```
 WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
*     strip the first header field and the length field</h3>
*
* This is a combination of all the examples above.  There are the prepended
* header before the length field and the extra header after the length field.
* The prepended header affects the <tt>lengthFieldOffset</tt> and the extra
* header affects the <tt>lengthAdjustment</tt>.  We also specified a non-zero
* <tt>initialBytesToStrip</tt> to strip the length field and the prepended
* header from the frame.  If you don't want to strip the prepended header, you
* could specify <tt>0</tt> for <tt>initialBytesToSkip</tt>.
* <pre>
* lengthFieldOffset   = 1 (= the length of HDR1)
* lengthFieldLength   = 2
* <b>lengthAdjustment</b>    = <b>1</b> (= the length of HDR2)
* <b>initialBytesToStrip</b> = <b>3</b> (= the length of HDR1 +
 LEN)
*
* BEFORE DECODE (16 bytes)                    AFTER DECODE (13 bytes)
* +------+--------+------+----------------+      +------+----------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +------+--------+------+----------------+      +------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
*     strip the first header field and the length field, the length field
*     represents the length of the whole message</h3>
*
* Let's give another twist to the previous example.  The only difference from
* the previous example is that the length field represents the length of the
* whole message instead of the message body, just like the third example.
* We have to count the length of HDR1 and Length into <tt>lengthAdjustment</tt>.
* Please note that we don't need to take the length of HDR2 into account
* because
 the length field already includes the whole header length.
* <pre>
* lengthFieldOffset   =  1
* lengthFieldLength   =  2
* <b>lengthAdjustment</b>    = <b>-3</b> (= the length of HDR1 + LEN, negative)
* <b>initialBytesToStrip</b> = <b> 3</b>
*
* BEFORE DECODE (16 bytes)                    AFTER DECODE (13 bytes)
* +------+--------+------+----------------+      +------+----------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
```

```
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +------+--------+------+----------------+      +------+----------------+
* </pre>
* @see LengthFieldPrepender
*/
```

Found in path(s):
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java
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* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/string/StringEncoder.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/compression/ZlibCodecFactory.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/protobuf/package-info.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/serialization/ObjectEncoder.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayDecoder.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/serialization/ClassResolvers.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/serialization/ClassLoaderClassResolver.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/xml/package-info.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/MessageToByteEncoder.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/base64/Base64Encoder.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/compression/Snappy.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/MessageToMessageDecoder.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/DelimiterBasedFrameDecoder.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/PrematureChannelClosureException.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayEncoder.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/compression/JdkZlibEncoder.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/serialization/package-info.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/serialization/ReferenceMap.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/serialization/CachingClassResolver.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingDecoder.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/EncoderException.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/string/StringDecoder.java

* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/serialization/WeakReferenceMap.java
*
 /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/MessageToMessageEncoder.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/DecoderResult.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/marshalling/LimitingByteInput.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/serialization/SoftReferenceMap.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/LineBasedFrameDecoder.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameEncoder.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/serialization/ClassResolver.java
*
 /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/CorruptedFrameException.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/marshalling/ThreadLocalUnmarshallerProvider.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/marshalling/ChannelBufferByteOutput.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/marshalling/ThreadLocalMarshallerProvider.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/package-info.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/marshalling/DefaultMarshallerProvider.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingEncoder.java
*
 /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/base64/Base64Decoder.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/LengthFieldPrepender.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/compression/ZlibDecoder.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/MessageAggregator.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/compression/JZlibEncoder.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/compression/ZlibWrapper.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/MessageToMessageCodec.java
*

/opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/marshalling/ContextBoundUnmarshallerProvider.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/ByteToMessageCodec.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/ByteToMessageDecoder.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/Delimiters.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingEncoder.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoder.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/string/package-info.java
*
/opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/DecoderException.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/compression/package-info.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/compression/DecompressionException.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/compression/JZlibDecoder.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoderInputStream.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/serialization/CompatibleObjectEncoder.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/CodecException.java
*
/opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/compression/ZlibUtil.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/UnsupportedMessageTypeException.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/serialization/ObjectEncoderOutputStream.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/compression/CompressionException.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameDecoder.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingDecoder.java
*
/opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/marshalling/MarshallerProvider.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-

jar/io/netty/handler/codec/FixedLengthFrameDecoder.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/bytes/package-info.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectInputStream.java
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* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/base64/package-info.java
*
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* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/ReplayingDecoderByteBuf.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/TooLongFrameException.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/marshalling/DefaultUnmarshallerProvider.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/marshalling/package-info.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/compression/ZlibEncoder.java
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/**
* Utility class for {@link ByteBuf} that encodes and decodes to and from
* <a href="https://en.wikipedia.org/wiki/Base64">Base64</a> notation.
```

* <p>
 * The encoding and decoding algorithm in this class has been derived from
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* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/EmptyHeaders.java
* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/Headers.java
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* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/compression/BrotliDecoder.java
*
 /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/compression/BrotliEncoder.java
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* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/compression/CompressionOptions.java
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* /opt/cola/permits/1735715921_1688166920.9934118/0/netty-codec-4-1-94-final-sources-jar/io/netty/handler/codec/compression/Crc32c.java

1.2191 netty-transport-native-unix-common 4.1.94.Final

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* /opt/cola/permits/1735716026_1688166875.313498/0/netty-transport-native-unix-common-4-1-94-final-sources-jar/io/netty/channel/unix/GenericUnixChannelOption.java
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* /opt/cola/permits/1735716026_1688166875.313498/0/netty-transport-native-unix-common-4-1-94-final-sources-jar/io/netty/channel/unix/SocketWritableByteChannel.java
* /opt/cola/permits/1735716026_1688166875.313498/0/netty-transport-native-unix-common-4-1-94-final-sources-jar/io/netty/channel/unix/Limits.java
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* /opt/cola/permits/1735716026_1688166875.313498/0/netty-transport-native-unix-common-4-1-94-final-sources-jar/io/netty/channel/unix/UnixChannel.java
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* /opt/cola/permits/1735716026_1688166875.313498/0/netty-transport-native-unix-common-4-1-94-final-sources-jar/io/netty/channel/unix/DomainSocketAddress.java
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* /opt/cola/permits/1735716026_1688166875.313498/0/netty-transport-native-unix-common-4-1-94-final-sources-jar/io/netty/channel/unix/UnixChannelOption.java
* /opt/cola/permits/1735716026_1688166875.313498/0/netty-transport-native-unix-common-4-1-94-final-sources-jar/io/netty/channel/unix/IovArray.java
*

/opt/cola/permits/1735716026_1688166875.313498/0/netty-transport-native-unix-common-4-1-94-final-sources-jar/io/netty/channel/unix/package-info.java
* /opt/cola/permits/1735716026_1688166875.313498/0/netty-transport-native-unix-common-4-1-94-final-sources-jar/io/netty/channel/unix/Unix.java
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* /opt/cola/permits/1735716026_1688166875.313498/0/netty-transport-native-unix-common-4-1-94-final-sources-jar/io/netty/channel/unix/DomainDatagramChannelConfig.java
*
/opt/cola/permits/1735716026_1688166875.313498/0/netty-transport-native-unix-common-4-1-94-final-sources-jar/io/netty/channel/unix/DomainDatagramPacket.java
* /opt/cola/permits/1735716026_1688166875.313498/0/netty-transport-native-unix-common-4-1-94-final-sources-jar/io/netty/channel/unix/DomainDatagramSocketAddress.java
* /opt/cola/permits/1735716026_1688166875.313498/0/netty-transport-native-unix-common-4-1-94-final-sources-jar/io/netty/channel/unix/DomainDatagramChannel.java
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* /opt/cola/permits/1735716026_1688166875.313498/0/netty-transport-native-unix-common-4-1-94-final-sources-jar/netty_unix.h

1.2192 netty-resolver 4.1.94.Final

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* /opt/cola/permits/1735715995_1688166915.6076818/0/netty-resolver-4-1-94-final-sources-jar/io/netty/resolver/CompositeNameResolver.java
* /opt/cola/permits/1735715995_1688166915.6076818/0/netty-resolver-4-1-94-final-sources-jar/io/netty/resolver/DefaultNameResolver.java
* /opt/cola/permits/1735715995_1688166915.6076818/0/netty-resolver-4-1-94-final-sources-jar/io/netty/resolver/InetNameResolver.java
* /opt/cola/permits/1735715995_1688166915.6076818/0/netty-resolver-4-1-94-final-sources-jar/io/netty/resolver/DefaultHostsFileEntriesResolver.java
* /opt/cola/permits/1735715995_1688166915.6076818/0/netty-resolver-4-1-94-final-sources-jar/io/netty/resolver/AddressResolver.java
* /opt/cola/permits/1735715995_1688166915.6076818/0/netty-resolver-4-1-94-final-sources-jar/io/netty/resolver/InetSocketAddressResolver.java

* /opt/cola/permits/1735715995_1688166915.6076818/0/netty-resolver-4-1-94-final-sources-jar/io/netty/resolver/HostsFileEntriesResolver.java
* /opt/cola/permits/1735715995_1688166915.6076818/0/netty-resolver-4-1-94-final-sources-jar/io/netty/resolver/AbstractAddressResolver.java
* /opt/cola/permits/1735715995_1688166915.6076818/0/netty-resolver-4-1-94-final-sources-jar/io/netty/resolver/HostsFileParser.java
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* /opt/cola/permits/1735715995_1688166915.6076818/0/netty-resolver-4-1-94-final-sources-jar/io/netty/resolver/NoopAddressResolver.java
*
 /opt/cola/permits/1735715995_1688166915.6076818/0/netty-resolver-4-1-94-final-sources-jar/io/netty/resolver/package-info.java
* /opt/cola/permits/1735715995_1688166915.6076818/0/netty-resolver-4-1-94-final-sources-jar/io/netty/resolver/SimpleNameResolver.java
* /opt/cola/permits/1735715995_1688166915.6076818/0/netty-resolver-4-1-94-final-sources-jar/io/netty/resolver/AddressResolverGroup.java
* /opt/cola/permits/1735715995_1688166915.6076818/0/netty-resolver-4-1-94-final-sources-jar/io/netty/resolver/NameResolver.java
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* /opt/cola/permits/1735715995_1688166915.6076818/0/netty-resolver-4-1-94-final-sources-jar/io/netty/resolver/ResolvedAddressTypes.java
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1.2193 netty-handler 4.1.94.Final

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* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/util/X509KeyManagerWrapper.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/address/DynamicAddressConnectHandler.java
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* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/PseudoRandomFunction.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/SslMasterKeyHandler.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/util/SimpleKeyManagerFactory.java
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* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/BouncyCastlePemReader.java
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* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/Conscrypt.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-

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* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/SslCompletionEvent.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java
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* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/SslClientHelloHandler.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/ocsp/package-info.java
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* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/OpenSslSessionCache.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/OpenSslContextOption.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/BouncyCastleAlpnSslUtils.java
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/opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/BouncyCastleAlpnSslEngine.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/OpenSslClientSessionCache.java
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* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/pcap/PcapHeaders.java
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* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/pcap/UDPPacket.java
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* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/pcap/package-info.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/pcap/PcapWriteHandler.java
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* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java
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 /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/PemPrivateKey.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/OpenSslCertificateException.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/PemX509Certificate.java
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* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java
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* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/PemEncoded.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslEngine.java
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 /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java
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* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/util/X509TrustManagerWrapper.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/DelegatingSslContext.java
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* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/NotSslRecordException.java
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* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/util/package-info.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/timeout/package-info.java
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* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-

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* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolConfig.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ipfilter/UniqueIpFilter.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/util/LazyX509Certificate.java
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* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/SslContextBuilder.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/ClientAuth.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNames.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/util/LazyJavaxX509Certificate.java
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* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/logging/ByteBufFormat.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/address/ResolveAddressHandler.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-

jar/io/netty/handler/ipfilter/IpSubnetFilter.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilterRuleComparator.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/SslHandshakeTimeoutException.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/SslClosedEngineException.java
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* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/SslHandshakeCompletionEvent.java
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* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-

jar/io/netty/handler/ssl/OpenSslPrivateKey.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/SignatureAlgorithmConverter.java
*
/opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialProvider.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/OpenSslX509TrustManagerWrapper.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/OpenSslCachingX509KeyManagerFactory.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/OpenSslCachingKeyMaterialProvider.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/OpenSslSession.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/ExtendedOpenSslSession.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/OpenSslX509KeyManagerFactory.java
*
/opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterial.java
* /opt/cola/permits/1735716183_1688166915.4300108/0/netty-handler-4-1-94-final-sources-jar/io/netty/handler/ssl/DefaultOpenSslKeyMaterial.java
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1.2194 netty-transport-classes-epoll 4.1.94.Final

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*/
/**
    * Set the {@code TCP_MD5SIG} option on the socket. See {@code linux/tcp.h} for more details.
    * Keys can only be set on, not read to prevent a potential leak, as they are confidential.
    * Allowing them being read would mean anyone with access to the channel could get them.

   */
/**
    * Set the {@code TCP_QUICKACK} option on the socket.
    * See <a href="https://linux.die.net//man/7/tcp">TCP_QUICKACK</a>
    * for more details.
    */
```

Found in path(s):
* /opt/cola/permits/1735715951_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/EpollSocketChannelConfig.java

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*/
/**
    * Set the {@code TCP_MD5SIG} option on the socket. See {@code linux/tcp.h} for more details.
    * Keys can only be set on, not read to prevent a potential leak, as they are confidential.
    * Allowing them being read would mean anyone with access to the channel could get them.

   */
```

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* /opt/cola/permits/1735715951_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/EpollServerSocketChannelConfig.java
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* /opt/cola/permits/1735715951_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/NativeDatagramPacketArray.java
*
 /opt/cola/permits/1735715951_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/EpollTcpInfo.java
* /opt/cola/permits/1735715951_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/AbstractEpollChannel.java
* /opt/cola/permits/1735715951_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/package-info.java
* /opt/cola/permits/1735715951_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/EpollSocketChannel.java
* /opt/cola/permits/1735715951_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/EpollServerSocketChannel.java
* /opt/cola/permits/1735715951_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/EpollEventLoopGroup.java
* /opt/cola/permits/1735715951_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/EpollChannelOption.java
*
 /opt/cola/permits/1735715951_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/EpollDatagramChannel.java
* /opt/cola/permits/1735715951_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/EpollEventLoop.java
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* /opt/cola/permits/1735715951_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/SegmentedDatagramPacket.java
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 /opt/cola/permits/1735715951_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/EpollDomainDatagramChannelConfig.java
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* /opt/cola/permits/1735715951_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/EpollChannelConfig.java
* /opt/cola/permits/1735715951_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/EpollMode.java
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* /opt/cola/permits/1735715951_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/EpollDomainSocketChannelConfig.java
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* /opt/cola/permits/1735715951_1688166917.5067825/0/netty-transport-classes-epoll-4-1-94-final-sources-jar/io/netty/channel/epoll/TcpMd5Util.java

1.2195 netty-transport 4.1.94.Final

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* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/bootstrap/FailedChannel.java
* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/internal/package-info.java
* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/DelegatingChannelPromiseNotifier.java
* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownException.java
* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/socket/oio/DefaultOioDatagramChannelConfig.java
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* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-

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* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownEvent.java
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* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/ExtendedClosedChannelException.java
*
 /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/ChannelHandlerMask.java
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* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/StacklessClosedChannelException.java
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* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/AbstractEventLoop.java
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 /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/embedded/EmbeddedChannelId.java
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* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/MaxBytesRecvByteBufAllocator.java
*
 /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/pool/FixedChannelPool.java
* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/DefaultMaxBytesRecvByteBufAllocator.java
* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/pool/AbstractChannelPoolHandler.java
* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/pool/AbstractChannelPoolMap.java
* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/pool/ChannelPoolHandler.java
* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/MaxMessagesRecvByteBufAllocator.java

* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/pool/SimpleChannelPool.java
*
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* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/pool/ChannelPool.java
* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/pool/ChannelPoolMap.java
* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/pool/ChannelHealthChecker.java
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*/
/**
* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
* its {@link ChannelPipeline}.
*
* <h3>Sub-types</h3>
* <p>
* {@link ChannelHandler} itself does not provide many methods, but you usually have to implement one of its subtypes:
* <ul>
* <li>{@link
 ChannelInboundHandler} to handle inbound I/O events, and</li>
* <li>{@link ChannelOutboundHandler} to handle outbound I/O operations.</li>
* </ul>
* </p>
* <p>
* Alternatively, the following adapter classes are provided for your convenience:
* <ul>
* <li>{@link ChannelInboundHandlerAdapter} to handle inbound I/O events,</li>
* <li>{@link ChannelOutboundHandlerAdapter} to handle outbound I/O operations, and</li>
* <li>{@link ChannelDuplexHandler} to handle both inbound and outbound events</li>
```

```
* </ul>
* </p>
* <p>
* For more information, please refer to the documentation of each subtype.
* </p>
*
* <h3>The context object</h3>
* <p>
* A {@link ChannelHandler} is provided with a {@link ChannelHandlerContext}
* object.  A {@link ChannelHandler} is supposed to interact with the
* {@link ChannelPipeline} it belongs to via a context object.  Using the
* context object, the {@link ChannelHandler} can pass events upstream or
* downstream, modify the pipeline dynamically,
 or store the information
* (using {@link AttributeKey}s) which is specific to the handler.
*
* <h3>State management</h3>
*
* A {@link ChannelHandler} often needs to store some stateful information.
* The simplest and recommended approach is to use member variables:
* <pre>
* public interface Message {
*     // your methods here
* }
*
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {
*
*     <b>private boolean loggedIn;</b>
*
*     {@code @Override}
*     public void channelRead0({@link ChannelHandlerContext} ctx, Message message) {
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) message);
*             <b>loggedIn = true;</b>
*         } else (message instanceof GetDataMessage) {
*             if (<b>loggedIn</b>) {
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
*             } else {
*                 fail();
*             }
*
 }
*     }
*     ...
* }
* </pre>
* Because the handler instance has a state variable which is dedicated to
* one connection, you have to create a new handler instance for each new
```

```
* channel to avoid a race condition where an unauthenticated client can get
* the confidential information:
* <pre>
* // Create a new handler instance per channel.
* // See {@link ChannelInitializer#initChannel(Channel)}.
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; {
*     {@code @Override}
*     public void initChannel({@link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>new DataServerHandler()</b>);
*     }
* }
*
* </pre>
*
* <h4>Using {@link AttributeKey}s</h4>
*
* Although it's recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use {@link AttributeKey}s which is provided by
* {@link ChannelHandlerContext}:
 * <pre>
* public interface Message {
*     // your methods here
* }
*
* {@code @Sharable}
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {
*     private final {@link AttributeKey}&lt;{@link Boolean}&gt; auth =
*         {@link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
*
*     {@code @Override}
*     public void channelRead({@link ChannelHandlerContext} ctx, Message message) {
*         {@link Attribute}&lt;{@link Boolean}&gt; attr = ctx.attr(auth);
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
*             <b>attr.set(true)</b>;
*         } else (message instanceof GetDataMessage) {
*             if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
*             } else {
*                 fail();
*             }
*         }
*     }
*     ...
* }
* </pre>
* Now that the
```

```
 state of the handler is attached to the {@link ChannelHandlerContext}, you can add the
* same handler instance to different pipelines:
* <pre>
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; {
*
*     private static final DataServerHandler <b>SHARED</b> = new DataServerHandler();
*
*     {@code @Override}
*     public void initChannel({@link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>SHARED</b>);
*     }
* }
* </pre>
*
*
* <h4>The {@code @Sharable} annotation</h4>
* <p>
* In the example above which used an {@link AttributeKey},
* you might have noticed the {@code @Sharable} annotation.
* <p>
* If a {@link ChannelHandler} is annotated with the {@code @Sharable}
* annotation, it means you can create an instance of the handler just once and
* add it to one or more {@link ChannelPipeline}s multiple times without
* a race condition.
* <p>
* If this annotation is not specified, you have to create
 a new handler
* instance every time you add it to a pipeline because it has unshared state
* such as member variables.
* <p>
* This annotation is provided for documentation purpose, just like
* <a href="http://www.javaconcurrencyinpractice.com/annotations/doc/">the JCIP annotations</a>.
*
* <h3>Additional resources worth reading</h3>
* <p>
* Please refer to the {@link ChannelHandler}, and
* {@link ChannelPipeline} to find out more about inbound and outbound operations,
* what fundamental differences they have, how they flow in a  pipeline,  and how to handle
* the operation in your application.
*/
```

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* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/PreferHeapByteBufAllocator.java
* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-

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* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/socket/oio/OioSocketChannelConfig.java

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* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/group/ChannelGroup.java
* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/ChannelId.java
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* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/ConnectTimeoutException.java
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* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/socket/oio/OioServerSocketChannelConfig.java
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```

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* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/local/LocalServerChannel.java
* /opt/cola/permits/1735716162_1688166869.6417358/0/netty-transport-4-1-94-final-sources-jar/io/netty/channel/local/LocalChannelRegistry.java
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1.2196 netty 4.1.94.Final

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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/ThreadExecutorMap.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/svm/CleanerJava6Substitution.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-

jar/io/netty/util/internal/ReferenceCountUpdater.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/ObjectPool.java
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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/logging/Log4J2Logger.java
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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/concurrent/NonStickyEventExecutorGroup.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/ResourceLeakTracker.java
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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/concurrent/DefaultEventExecutorChooserFactory.java
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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/concurrent/EventExecutorChooserFactory.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/concurrent/UnorderedThreadPoolEventExecutor.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/ThrowableUtil.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/concurrent/OrderedEventExecutor.java
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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/logging/JdkLogger.java
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/opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/logging/Log4JLogger.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/logging/CommonsLogger.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/logging/InternalLogger.java
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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/DomainMappingBuilder.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/DefaultPriorityQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/AsyncMapping.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/LongCounter.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/PriorityQueueNode.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/concurrent/AbstractScheduledEventExecutor.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/HashingStrategy.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/concurrent/ThreadProperties.java
No license file was found, but licenses were detected in source scan.

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<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">
 <modelVersion>4.0.0</modelVersion>

 <artifactId>jctools-core</artifactId>
 <groupId>org.jctools</groupId>
 <version>3.1.0</version>
 <name>Java Concurrency Tools Core Library</name>
 <description>Java Concurrency Tools Core Library</description>
 <packaging>bundle</packaging>

 <dependencies>
  <dependency>
   <groupId>org.hamcrest</groupId>
   <artifactId>hamcrest-all</artifactId>
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  <version>${hamcrest.version}</version>
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 </dependency>

 <dependency>
  <groupId>junit</groupId>
  <artifactId>junit</artifactId>
  <version>${junit.version}</version>
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 </dependency>

 <dependency>
  <groupId>com.google.guava</groupId>
  <artifactId>guava-testlib</artifactId>
  <version>${guava-testlib.version}</version>
  <scope>test</scope>
 </dependency>
</dependencies>
<build>
 <plugins>
  <plugin>
   <groupId>org.apache.maven.plugins</groupId>
   <artifactId>maven-surefire-plugin</artifactId>
   <version>3.0.0-M3</version>
   <configuration>
    <includes>
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    </includes>
   </configuration>
  </plugin>
  <plugin>
   <groupId>org.apache.felix</groupId>
   <artifactId>maven-bundle-plugin</artifactId>
   <version>4.2.1</version>
   <extensions>true</extensions>
   <configuration>
    <instructions>
     <Import-Package>sun.misc;resolution:=optional</Import-Package>
    </instructions>
   </configuration>
  </plugin>
  <plugin>
   <groupId>org.apache.maven.plugins</groupId>
   <artifactId>maven-source-plugin</artifactId>
   <version>3.2.0</version>
   <executions>
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        <goal>jar-no-fork</goal>
      </goals>
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 </plugin>
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  <groupId>org.apache.maven.plugins</groupId>
  <artifactId>maven-javadoc-plugin</artifactId>
  <version>3.1.1</version>
  <configuration>
   <additionalOptions>
    <additionalOption>-Xdoclint:none</additionalOption>
   </additionalOptions>
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 </plugin>
</plugins>
</build>

<distributionManagement>
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  <name>jctools-jctools</name>
  <url>https://api.bintray.com/maven/jctools/jctools/jctools-core/;publish=1</url>
 </repository>
</distributionManagement>

<url>https://github.com/JCTools</url>
<inceptionYear>2013</inceptionYear>

<licenses>
 <license>
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License, Version 2.0</name>
  <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
  <distribution>repo</distribution>
 </license>
</licenses>
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<scm>
 <url>https://github.com/JCTools/JCTools</url>
 <connection>scm:git:https://github.com/JCTools/JCTools</connection>
 <tag>HEAD</tag>
</scm>

<developers>
 <developer>
  <url>https://github.com/nitsanw</url>
 </developer>
 <developer>
  <url>https://github.com/mjpt777</url>
 </developer>
 <developer>
  <url>https://github.com/RichardWarburton</url>
 </developer>
 <developer>
  <url>https://github.com/kay</url>
 </developer>
 <developer>
  <url>https://github.com/franz1981</url>
 </developer>
</developers>

<prerequisites>
 <maven>3.5.0</maven>
</prerequisites>

<properties>
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 <java.version>1.6</java.version>
 <java.test.version>1.8</java.test.version>

 <maven.compiler.source>${java.version}</maven.compiler.source>
 <maven.compiler.target>${java.version}</maven.compiler.target>
 <maven.compiler.testSource>${java.test.version}</maven.compiler.testSource>
 <maven.compiler.testTarget>${java.test.version}</maven.compiler.testTarget>

 <hamcrest.version>1.3</hamcrest.version>
 <junit.version>4.12</junit.version>
 <guava-testlib.version>21.0</guava-testlib.version>
</properties>
</project>

Found
 in path(s):
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/META-
```

INF/maven/org.jctools/jctools-core/pom.xml
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```
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```

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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/InternalThreadLocalMap.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/concurrent/FastThreadLocal.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/concurrent/PromiseAggregator.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/ResourceLeakHint.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/NativeLibraryLoader.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/AsciiString.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/concurrent/PromiseNotifier.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/Mapping.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/UnpaddedInternalThreadLocalMap.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/ThreadDeathWatcher.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/IntegerHolder.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/DomainNameMapping.java
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Found in path(s):
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/SpscGrowableAtomicArrayQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/package-info.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/BaseLinkedQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpscUnboundedArrayQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/SpscArrayQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/maps/NonBlockingHashMapLong.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/maps/NonBlockingHashSet.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/MpscAtomicArrayQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/maps/NonBlockingHashMap.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpscUnboundedXaddArrayQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/maps/NonBlockingIdentityHashMap.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/SpscLinkedQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpscGrowableArrayQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpscCompoundQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpscChunkedArrayQueue.java
*

/opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/SpmcArrayQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/LinkedQueueNode.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/BaseSpscLinkedArrayQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/BaseMpscLinkedArrayQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/SpscLinkedAtomicQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpscUnboundedXaddChunk.java
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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/spec/Preference.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/util/UnsafeLongArrayAccess.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/MpscUnboundedAtomicArrayQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpmcUnboundedXaddArrayQueue.java
*
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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/MpscGrowableAtomicArrayQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MessagePassingQueueUtil.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/util/Pow2.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpscBlockingConsumerArrayQueue.java
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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/spec/ConcurrentQueueSpec.java
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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/SpscChunkedAtomicArrayQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/ConcurrentSequencedCircularArrayQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpmcArrayQueue.java
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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/maps/ConcurrentAutoTable.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MessagePassingQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/ConcurrentCircularArrayQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/SupportsIterator.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpmcUnboundedXaddChunk.java
*
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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/maps/NonBlockingSetInt.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/IndexedQueueSizeUtil.java
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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/util/UnsafeAccess.java
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 /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/util/UnsafeRefArrayAccess.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/spec/Ordering.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-

jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/MpscChunkedAtomicArrayQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/AtomicQueueFactory.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpscLinkedQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/BaseLinkedAtomicQueue.java
*
 /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/MpscLinkedAtomicQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/util/PortableJvmInfo.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/SpscUnboundedAtomicArrayQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/LinkedQueueAtomicNode.java
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io.netty.util.internal.Hidden$NettyBlockHoundIntegration

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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/collection/LongObjectMap.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-

jar/io/netty/util/collection/LongCollections.java
*
 /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/collection/ShortObjectHashMap.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/collection/CharObjectMap.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/ObjectUtil.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/collection/CharCollections.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/collection/IntObjectHashMap.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/collection/LongObjectHashMap.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/collection/IntCollections.java
*
 /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/collection/IntObjectMap.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/collection/ShortCollections.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/collection/ShortObjectMap.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/collection/ByteObjectHashMap.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/collection/ByteObjectMap.java
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*
/opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/logging/FormattingTuple.java
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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/ByteProcessorUtils.java

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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/PriorityQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/ReflectionUtil.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/EmptyPriorityQueue.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/SuppressForbidden.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/logging/LocationAwareSlf4JLogger.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/UncheckedBooleanSupplier.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/ObjectCleaner.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/NettyRuntime.java

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* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/concurrent/FastThreadLocalRunnable.java
* /opt/cola/permits/1735715999_1688166888.7344394/0/netty-common-4-1-94-final-sources-jar/io/netty/util/internal/Cleaner.java

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1.2200 protobuf-java 3.23.3

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* /opt/cola/permits/1737008382_1688465908.7811368/0/protobuf-java-3-23-3-sources-jar/com/google/protobuf/MessageSchema.java
* /opt/cola/permits/1737008382_1688465908.7811368/0/protobuf-java-3-23-3-sources-jar/com/google/protobuf/Descriptors.java
* /opt/cola/permits/1737008382_1688465908.7811368/0/protobuf-java-3-23-3-sources-jar/com/google/protobuf/MapFieldSchema.java
* /opt/cola/permits/1737008382_1688465908.7811368/0/protobuf-java-3-23-3-sources-jar/com/google/protobuf/ProtocolStringList.java
* /opt/cola/permits/1737008382_1688465908.7811368/0/protobuf-java-3-23-3-sources-jar/com/google/protobuf/InvalidProtocolBufferException.java
* /opt/cola/permits/1737008382_1688465908.7811368/0/protobuf-java-3-23-3-sources-jar/com/google/protobuf/CodedInputStream.java
*
/opt/cola/permits/1737008382_1688465908.7811368/0/protobuf-java-3-23-3-sources-jar/com/google/protobuf/FloatArrayList.java
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* /opt/cola/permits/1737008382_1688465908.7811368/0/protobuf-java-3-23-3-sources-jar/com/google/protobuf/AbstractMessageLite.java
* /opt/cola/permits/1737008382_1688465908.7811368/0/protobuf-java-3-23-3-sources-jar/com/google/protobuf/MessageSetSchema.java

1.2201 metrics-jmx 4.2.19

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1.2202 error_prone_annotations 2.20.0

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Found in path(s):
* /opt/cola/permits/1743275143_1689175756.0938716/0/error-prone-annotations-2-20-0-jar/META-INF/maven/com.google.errorprone/error_prone_annotations/pom.xml
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Manifest-Version: 1.0

Created-By: Maven JAR Plugin 3.2.2
Build-Jdk-Spec: 17
Automatic-Module-Name: com.google.errorprone.annotations
Bundle-Description: Error Prone is a static analysis tool for Java that
catches common programming mistakes at compile-time.
Bundle-DocURL: https://errorprone.info/error_prone_annotations
Bundle-License: "Apache 2.0";link="http://www.apache.org/licenses/LICENS
E-2.0.txt"
Bundle-ManifestVersion: 2
Bundle-Name: error-prone annotations
Bundle-SCM: url="https://github.com/google/error-prone/error_prone_annot
ations",connection="scm:git:https://github.com/google/error-prone.git/e
rror_prone_annotations",developer-connection="scm:git:git@github.com:go
ogle/error-prone.git/error_prone_annotations",tag=HEAD
Bundle-SymbolicName: com.google.errorprone.annotations
Bundle-Vendor: Google LLC
Bundle-Version: 2.20.0
Export-Package: com.google.errorprone.annotations;uses:="javax.lang.mode
l.element";version="2.20.0",com.google.errorprone.annotations.concurren
 t;version="2.20.0"
Import-Package: javax.lang.model.element
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"

Found in path(s):
* /opt/cola/permits/1743275143_1689175756.0938716/0/error-prone-annotations-2-20-0-jar/META-INF/MANIFEST.MF

1.2203 jersey-hk2 2.40

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* /opt/cola/permits/1743695158_1689241481.5229151/0/rocksdbjni-7-9-2-sources-1-jar/org/rocksdb/StringAppendOperator.java
No license file was found, but licenses were detected in source scan.

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Found in path(s):
* /opt/cola/permits/1743695158_1689241481.5229151/0/rocksdbjni-7-9-2-sources-1-jar/org/rocksdb/RateLimiter.java

1.2207 bouncy-castle 1.75

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1.2209 eclipse-equinox-p2-updatesite 1.0.600

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* /opt/cola/permits/1746943322_1689604284.9089103/0/org-eclipse-equinox-p2-metadata-repository-1-2-300-sources-2-jar/org/eclipse/equinox/internal/p2/metadata/repository/LocalMetadataRepository.java
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*******************************************************************************/
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Found in path(s):
* /opt/cola/permits/1746943322_1689604284.9089103/0/org-eclipse-equinox-p2-metadata-repository-1-2-300-sources-2-jar/org/eclipse/equinox/internal/p2/metadata/repository/SimpleMetadataRepositoryFactory.java

1.2212 eclipse-equinox-frameworkadmin-equinox 1.0.700

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*     Christian Georgi - Relativize VM path https://bugs.eclipse.org/bugs/437680
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Found in path(s):
* /opt/cola/permits/1746943569_1689604289.502853/0/org-eclipse-equinox-frameworkadmin-equinox-1-0-700-sources-2-jar/org/eclipse/equinox/internal/frameworkadmin/equinox/EclipseLauncherParser.java
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* Ericsson AB (Pascal Rapicault) - Bug 397216 -[Shared] Better shared
* configuration change discovery
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* /opt/cola/permits/1746943569_1689604289.502853/0/org-eclipse-equinox-frameworkadmin-equinox-1-0-700-sources-2-jar/org/eclipse/equinox/internal/frameworkadmin/equinox/EclipseLauncherImpl.java
*
 /opt/cola/permits/1746943569_1689604289.502853/0/org-eclipse-equinox-frameworkadmin-equinox-1-0-700-sources-2-jar/org/eclipse/equinox/internal/frameworkadmin/equinox/Log.java
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1.2213 pyyaml 6.0.1

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1.2214 x-oauth2 0.10.0

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1.2218 metrics-servlets 4.2.19

1.2218.1 Available under license :

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1.2219 logback-throttling-appender 1.1.10

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1.2220 metrics-annotation 4.2.19

1.2220.1 Available under license :

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1.2221 dropwizard-logging 2.1.7

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Found in path(s):
* /opt/cola/permits/1750760603_1690280951.9056036/0/dropwizard-logging-2-1-7-sources-jar/io/dropwizard/logging/ResilientOutputStreamBase.java

1.2222 dropwizard-core 2.1.7

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* /opt/cola/permits/1750760560_1690280964.5942748/0/dropwizard-validation-2-1-7-sources-jar/io/dropwizard/validation/InterpolationHelper.java

1.2228 dropwizard-request-logging 2.1.7

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1.2229 metrics-json 4.2.19

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1.2233 dropwizard-configuration 2.1.7

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1.2234 metrics-jetty 4.2.19

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```
Manifest-Version: 1.0
Automatic-Module-Name: com.codahale.metrics.jetty9
Build-Jdk-Spec: 11
Bundle-Description: A set of extensions for Jetty 9.3 and higher which
 provide instrumentation of thread pools, connector        metrics, a
nd application latency and utilization.
Bundle-License: https://www.apache.org/licenses/LICENSE-2.0.html
Bundle-ManifestVersion: 2
Bundle-Name: Metrics Integration for Jetty 9.3 and higher
Bundle-SymbolicName: io.dropwizard.metrics.jetty9
Bundle-Version: 4.2.19
Created-By: Apache Maven Bundle Plugin 5.1.9
Export-Package: com.codahale.metrics.jetty9;uses:="com.codahale.metric
s,com.codahale.metrics.annotation,javax.servlet,javax.servlet.http,or
g.eclipse.jetty.io,org.eclipse.jetty.server,org.eclipse.jetty.server.
handler,org.eclipse.jetty.util.annotation,org.eclipse.jetty.util.comp
onent,org.eclipse.jetty.util.thread";version="4.2.19"
Implementation-Title: Metrics Integration for Jetty
 9.3 and higher
Implementation-Version: 4.2.19
Import-Package: javax.servlet;version="[2.5.0,4.0.0)",javax.servlet.ht
tp;version="[2.5.0,4.0.0)",com.codahale.metrics;version="[4.2,5)",com
.codahale.metrics.annotation;version="[4.2,5)",org.eclipse.jetty.http
;version="[9.4,10)",org.eclipse.jetty.io;version="[9.4,10)",org.eclip
se.jetty.server;version="[9.4,10)",org.eclipse.jetty.server.handler;v
ersion="[9.4,10)",org.eclipse.jetty.util.annotation;version="[9.4,10)
",org.eclipse.jetty.util.component;version="[9.4,10)",org.eclipse.jet
ty.util.thread;version="[9.4,10)"
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-6.3.1.202206071316
```

Found in path(s):
* /opt/cola/permits/1750760659_1690280984.1164134/0/metrics-jetty9-4-2-19-jar/META-INF/MANIFEST.MF

1.2235 metrics-logback 4.2.19

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```
Manifest-Version: 1.0
Automatic-Module-Name: com.codahale.metrics.logback
Build-Jdk-Spec: 11
Bundle-Description: An instrumented appender for Logback.
Bundle-License: https://www.apache.org/licenses/LICENSE-2.0.html
Bundle-ManifestVersion: 2
Bundle-Name: Metrics Integration for Logback
Bundle-SymbolicName: io.dropwizard.metrics.logback
Bundle-Version: 4.2.19
Created-By: Apache Maven Bundle Plugin 5.1.9
Export-Package: com.codahale.metrics.logback;uses:="ch.qos.logback.cla
ssic.spi,ch.qos.logback.core,com.codahale.metrics";version="4.2.19"
Implementation-Title: Metrics Integration for Logback
Implementation-Version: 4.2.19
Import-Package: ch.qos.logback.classic;version="[1.2,2)",ch.qos.logbac
k.classic.spi;version="[1.2,2)",ch.qos.logback.core;version="[1.2,2)"
,com.codahale.metrics;version="[4.2,5)"
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-6.3.1.202206071316
```

Found in path(s):
*
/opt/cola/permits/1750760511_1690280987.966312/0/metrics-logback-4-2-19-jar/META-INF/MANIFEST.MF

1.2236 metrics-jersey2 4.2.19

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```
Manifest-Version: 1.0
Automatic-Module-Name: com.codahale.metrics.jersey2
Build-Jdk-Spec: 11
Bundle-Description: A set of class providing Metrics integration for J
ersey, the reference JAX-RS       implementation.
Bundle-License: https://www.apache.org/licenses/LICENSE-2.0.html
Bundle-ManifestVersion: 2
Bundle-Name: Metrics Integration for Jersey 2.x
Bundle-SymbolicName: io.dropwizard.metrics.jersey2
Bundle-Version: 4.2.19
Created-By: Apache Maven Bundle Plugin 5.1.9
```

Export-Package: com.codahale.metrics.jersey2;uses:="com.codahale.metri
cs,javax.ws.rs.core,javax.ws.rs.ext,org.glassfish.jersey.server.model
,org.glassfish.jersey.server.monitoring";version="4.2.19"
Implementation-Title: Metrics Integration for Jersey 2.x
Implementation-Version: 4.2.19
Import-Package: com.codahale.metrics;version="[4.2,5)",com.codahale.me
trics.annotation;version="[4.2,5)",javax.ws.rs.core;version="[2.1,3)"
,javax.ws.rs.ext;version="[2.1,3)",org.glassfish.jersey.server;versio
n="[2.39,3)",org.glassfish.jersey.server.model;version="[2.39,3)",org
.glassfish.jersey.server.monitoring;version="[2.39,3)"
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-6.3.1.202206071316

Found in path(s):
* /opt/cola/permits/1750760630_1690280989.7830713/0/metrics-jersey2-4-2-19-jar/META-INF/MANIFEST.MF

1.2237 maven-artifact 3.8.8

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1.2238 metrics-caffeine 4.2.19

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```
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```

Found in path(s):
* /opt/cola/permits/1754271858_1690525899.9397342/0/metrics-caffeine-4-2-19-sources-jar/com/codahale/metrics/caffeine/MetricsStatsCounter.java

1.2239 guava 32.1.2-jre

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1.2240 librsvg 2.48.9-1ubuntu0.20.04.4

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```
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use gio_sys;
use glib;
use glib::object::Cast;
use glib::object::IsA;
use glib::signal::connect_raw;
use glib::signal::SignalHandlerId;
use glib::translate::*;
use glib_sys;
use gobject_sys;
```

```
use std::boxed::Box as Box_;
use std::fmt;
use std::mem::transmute;
use std::pin::Pin;
use std::ptr;
use Cancellable;

glib_wrapper! {
  pub struct Permission(Object<gio_sys::GPermission, gio_sys::GPermissionClass, PermissionClass>);

  match fn {
    get_type => || gio_sys::g_permission_get_type(),
  }
}

pub const NONE_PERMISSION: Option<&Permission> = None;

pub trait PermissionExt: 'static {
  fn acquire<P: IsA<Cancellable>>(&self, cancellable: Option<&P>) -> Result<(), glib::Error>;

  fn acquire_async<P: IsA<Cancellable>, Q: FnOnce(Result<(), glib::Error>) + Send + 'static>(
    &self,
    cancellable: Option<&P>,
    callback: Q,
  );

  fn acquire_async_future(
    &self,
  ) -> Pin<Box_<dyn std::future::Future<Output = Result<(), glib::Error>> + 'static>>;

  fn get_allowed(&self) -> bool;

  fn get_can_acquire(&self) -> bool;

  fn get_can_release(&self) -> bool;

  fn impl_update(&self, allowed: bool, can_acquire: bool, can_release: bool);

  fn release<P: IsA<Cancellable>>(&self, cancellable: Option<&P>) -> Result<(), glib::Error>;

  fn release_async<P: IsA<Cancellable>, Q: FnOnce(Result<(), glib::Error>) + Send + 'static>(
    &self,
    cancellable: Option<&P>,
    callback: Q,
  );

  fn release_async_future(
    &self,
```

```
  ) -> Pin<Box_<dyn std::future::Future<Output = Result<(), glib::Error>> + 'static>>;

  fn connect_property_allowed_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId;

  fn connect_property_can_acquire_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId;

  fn connect_property_can_release_notify<F: Fn(&Self) + 'static>(&self,
 f: F) -> SignalHandlerId;
}

impl<O: IsA<Permission>> PermissionExt for O {
  fn acquire<P: IsA<Cancellable>>(&self, cancellable: Option<&P>) -> Result<(), glib::Error> {
      unsafe {
          let mut error = ptr::null_mut();
          let _ = gio_sys::g_permission_acquire(
              self.as_ref().to_glib_none().0,
              cancellable.map(|p| p.as_ref()).to_glib_none().0,
              &mut error,
          );
          if error.is_null() {
              Ok(())
          } else {
              Err(from_glib_full(error))
          }
      }
  }

  fn acquire_async<P: IsA<Cancellable>, Q: FnOnce(Result<(), glib::Error>) + Send + 'static>(
      &self,
      cancellable: Option<&P>,
      callback: Q,
  ) {
      let user_data: Box_<Q> = Box_::new(callback);
      unsafe extern "C" fn acquire_async_trampoline<
          Q: FnOnce(Result<(), glib::Error>) + Send + 'static,
      >(
          _source_object: *mut gobject_sys::GObject,
           res: *mut gio_sys::GAsyncResult,
          user_data: glib_sys::gpointer,
      ) {
          let mut error = ptr::null_mut();
          let _ = gio_sys::g_permission_acquire_finish(_source_object as *mut _, res, &mut error);
          let result = if error.is_null() {
              Ok(())
          } else {
              Err(from_glib_full(error))
          };
          let callback: Box_<Q> = Box_::from_raw(user_data as *mut _);
```

```
            callback(result);
        }
        let callback = acquire_async_trampoline::<Q>;
        unsafe {
            gio_sys::g_permission_acquire_async(
                self.as_ref().to_glib_none().0,
                cancellable.map(|p| p.as_ref()).to_glib_none().0,
                Some(callback),
                Box_::into_raw(user_data) as *mut _,
            );
        }
    }

    fn acquire_async_future(
        &self,
    ) -> Pin<Box_<dyn std::future::Future<Output = Result<(), glib::Error>> +
'static>> {
        Box_::pin(crate::GioFuture::new(self, move |obj, send| {
            let cancellable = Cancellable::new();
            obj.acquire_async(Some(&cancellable), move |res| {
                send.resolve(res);
            });

            cancellable
        }))
    }

    fn get_allowed(&self) -> bool {
        unsafe {
            from_glib(gio_sys::g_permission_get_allowed(
                self.as_ref().to_glib_none().0,
            ))
        }
    }

    fn get_can_acquire(&self) -> bool {
        unsafe {
            from_glib(gio_sys::g_permission_get_can_acquire(
                self.as_ref().to_glib_none().0,
            ))
        }
    }

    fn get_can_release(&self) -> bool {
        unsafe {
            from_glib(gio_sys::g_permission_get_can_release(
                self.as_ref().to_glib_none().0,
            ))
```

```
    }
}

fn impl_update(&self, allowed: bool, can_acquire: bool, can_release: bool) {
    unsafe {
        gio_sys::g_permission_impl_update(
            self.as_ref().to_glib_none().0,
            allowed.to_glib(),
            can_acquire.to_glib(),
            can_release.to_glib(),
        );
    }
}

fn release<P: IsA<Cancellable>>(&self, cancellable: Option<&P>) -> Result<(), glib::Error> {
    unsafe {
        let mut error = ptr::null_mut();
        let _ = gio_sys::g_permission_release(
            self.as_ref().to_glib_none().0,
            cancellable.map(|p| p.as_ref()).to_glib_none().0,
            &mut error,
        );
        if error.is_null() {
            Ok(())
        } else {
            Err(from_glib_full(error))
        }
    }
}

fn release_async<P: IsA<Cancellable>, Q: FnOnce(Result<(), glib::Error>) + Send + 'static>(
    &self,
    cancellable: Option<&P>,
    callback: Q,
) {
    let user_data: Box_<Q> = Box_::new(callback);
    unsafe extern "C" fn release_async_trampoline<
        Q: FnOnce(Result<(), glib::Error>) + Send + 'static,
    >(
        _source_object: *mut gobject_sys::GObject,
        res: *mut gio_sys::GAsyncResult,
        user_data: glib_sys::gpointer,
    ) {
        let mut error = ptr::null_mut();
        let _ = gio_sys::g_permission_release_finish(_source_object as *mut _, res, &mut error);
        let result = if error.is_null() {
            Ok(())
        } else {
```

```
            Err(from_glib_full(error))
        };
        let callback: Box_<Q> = Box_::from_raw(user_data as *mut _);
        callback(result);
    }
    let callback = release_async_trampoline::<Q>;
    unsafe {
        gio_sys::g_permission_release_async(
            self.as_ref().to_glib_none().0,
            cancellable.map(|p| p.as_ref()).to_glib_none().0,
            Some(callback),
            Box_::into_raw(user_data) as *mut _,
        );
    }
}

 fn release_async_future(
    &self,
) -> Pin<Box_<dyn std::future::Future<Output = Result<(), glib::Error>> + 'static>> {
    Box_::pin(crate::GioFuture::new(self, move |obj, send| {
        let cancellable = Cancellable::new();
        obj.release_async(Some(&cancellable), move |res| {
            send.resolve(res);
        });

        cancellable
    }))
}

fn connect_property_allowed_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId {
    unsafe extern "C" fn notify_allowed_trampoline<P, F: Fn(&P) + 'static>(
        this: *mut gio_sys::GPermission,
        _param_spec: glib_sys::gpointer,
        f: glib_sys::gpointer,
    ) where
        P: IsA<Permission>,
    {
        let f: &F = &*(f as *const F);
        f(&Permission::from_glib_borrow(this).unsafe_cast())
    }
    unsafe {
        let f: Box_<F> = Box_::new(f);
        connect_raw(
            self.as_ptr() as
*mut _,
            b"notify::allowed\0".as_ptr() as *const _,
            Some(transmute(notify_allowed_trampoline::<Self, F> as usize)),
            Box_::into_raw(f),
```

```
        )
    }
}

fn connect_property_can_acquire_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId {
    unsafe extern "C" fn notify_can_acquire_trampoline<P, F: Fn(&P) + 'static>(
        this: *mut gio_sys::GPermission,
        _param_spec: glib_sys::gpointer,
        f: glib_sys::gpointer,
    ) where
        P: IsA<Permission>,
    {
        let f: &F = &*(f as *const F);
        f(&Permission::from_glib_borrow(this).unsafe_cast())
    }
    unsafe {
        let f: Box_<F> = Box_::new(f);
        connect_raw(
            self.as_ptr() as *mut _,
            b"notify::can-acquire\0".as_ptr() as *const _,
            Some(transmute(notify_can_acquire_trampoline::<Self, F> as usize)),
            Box_::into_raw(f),
         )
    }
}

fn connect_property_can_release_notify<F: Fn(&Self) + 'static>(&self, f: F) -> SignalHandlerId {
    unsafe extern "C" fn notify_can_release_trampoline<P, F: Fn(&P) + 'static>(
        this: *mut gio_sys::GPermission,
        _param_spec: glib_sys::gpointer,
        f: glib_sys::gpointer,
    ) where
        P: IsA<Permission>,
    {
        let f: &F = &*(f as *const F);
        f(&Permission::from_glib_borrow(this).unsafe_cast())
    }
    unsafe {
        let f: Box_<F> = Box_::new(f);
        connect_raw(
            self.as_ptr() as *mut _,
            b"notify::can-release\0".as_ptr() as *const _,
            Some(transmute(notify_can_release_trampoline::<Self, F> as usize)),
            Box_::into_raw(f),
        )
    }
}
}
```

```
impl fmt::Display for Permission {
  fn fmt(&self, f: &mut fmt::Formatter) -> fmt::Result {
    write!(f, "Permission")
  }
}
```

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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b) Accompany
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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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1.2244 dropwizard-client 2.1.7

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1.2246 amqp-client 5.17.0

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Manifest-Version: 1.0
Bundle-Description: The RabbitMQ Java client library allows Java appli
cations to interface with RabbitMQ.

```
Implementation-Title: RabbitMQ Java Client
Automatic-Module-Name: com.rabbitmq.client
Bundle-License: https://www.apache.org/licenses/LICENSE-2.0.html, http
s://www.gnu.org/licenses/gpl-2.0.txt, https://www.mozilla.org/en-US/M
PL/2.0/
Bundle-SymbolicName: com.rabbitmq.client
Implementation-Version: 5.17.0
Bnd-LastModified: 1679415883917
Bundle-ManifestVersion: 2
Specification-Vendor: AMQP Working Group (www.amqp.org)
Specification-Title: AMQP
Bundle-DocURL: https://www.rabbitmq.com
Bundle-Vendor: VMware, Inc. or its affiliates.
Import-Package: com.codahale.metrics;version="[4.2,5)";resolution:=opt
ional,com.fasterxml.jackson.core;version="[2.14,3)";resolution:=optio
nal,com.fasterxml.jackson.databind;version="[2.14,3)";resolution:=opt
ional,com.fasterxml.jackson.databind.node;version="[2.14,3)";resoluti
 on:=optional,com.rabbitmq.client,com.rabbitmq.client.impl,com.rabbitm
q.client.impl.nio,com.rabbitmq.client.impl.recovery,com.rabbitmq.tool
s.json,com.rabbitmq.utility,io.micrometer.core.instrument;resolution:
=optional,io.opentelemetry.api;resolution:=optional,io.opentelemetry.
api.common;resolution:=optional,io.opentelemetry.api.metrics;resoluti
on:=optional,javax.naming,javax.naming.directory,javax.net,javax.net.
ssl,javax.security.auth.callback,javax.security.auth.x500,javax.secur
ity.sasl,org.slf4j;version="[1.7,2)"
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-6.3.1.202206071316
Implementation-Vendor: VMware, Inc. or its affiliates.
Export-Package: com.rabbitmq.client;uses:="com.rabbitmq.client.impl,co
m.rabbitmq.client.impl.nio,com.rabbitmq.client.impl.recovery,com.rabb
itmq.utility,javax.net,javax.net.ssl";version="5.17.0",com.rabbitmq.c
lient.impl;uses:="com.codahale.metrics,com.rabbitmq.client,com.rabbit
mq.client.impl.recovery,com.rabbitmq.utility,io.micrometer.core.instr
 ument,io.opentelemetry.api,io.opentelemetry.api.common,javax.net,java
x.net.ssl";version="5.17.0",com.rabbitmq.client.impl.nio;uses:="com.r
abbitmq.client,com.rabbitmq.client.impl,javax.net.ssl";version="5.17.
0",com.rabbitmq.client.impl.recovery;uses:="com.rabbitmq.client,com.r
abbitmq.client.impl";version="5.17.0",com.rabbitmq.tools;version="5.1
7.0",com.rabbitmq.tools.json;version="5.17.0",com.rabbitmq.tools.json
rpc;uses:="com.fasterxml.jackson.core,com.fasterxml.jackson.databind,
com.rabbitmq.client";version="5.17.0",com.rabbitmq.utility;version="5
.17.0"
Bundle-Name: RabbitMQ Java Client
Bundle-Version: 5.17.0
Build-Jdk-Spec: 1.8
Created-By: Apache Maven Bundle Plugin 5.1.8
Implementation-URL: https://www.rabbitmq.com
Specification-Version: 0.9.1
```

Found in path(s):
* /opt/cola/permits/1758004428_1690997396.0997193/0/amqp-client-5-17-0-jar/META-INF/MANIFEST.MF
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/opt/cola/permits/1758004428_1690997396.0997193/0/amqp-client-5-17-0-jar/com/rabbitmq/client/impl/AMQConnection.class: binary file matches
/opt/cola/permits/1758004428_1690997396.0997193/0/amqp-client-5-17-0-jar/com/rabbitmq/client/impl/Copyright.class: binary file matches

Found in path(s):
* /bin/grep

1.2247 metrics-graphite 4.2.19

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Manifest-Version: 1.0
Automatic-Module-Name: com.codahale.metrics.graphite
Build-Jdk-Spec: 11
Bundle-Description: A reporter for Metrics which announces measurement
s to a Graphite server.
Bundle-License: https://www.apache.org/licenses/LICENSE-2.0.html
Bundle-ManifestVersion: 2
Bundle-Name: Graphite Integration for Metrics
Bundle-SymbolicName: io.dropwizard.metrics.graphite
Bundle-Version: 4.2.19
Created-By: Apache Maven Bundle Plugin 5.1.9
Export-Package: com.codahale.metrics.graphite;uses:="com.codahale.metr
ics,com.rabbitmq.client,javax.net";version="4.2.19"
Implementation-Title: Graphite Integration for Metrics
Implementation-Version: 4.2.19
Import-Package: org.slf4j;version="[1.6.0,2.0.0)",com.codahale.metrics
;version="[4.2,5)",com.rabbitmq.client;version="[5.17,6)",javax.net
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-6.3.1.202206071316

Found in path(s):
* /opt/cola/permits/1758004481_1690997391.3641589/0/metrics-graphite-4-2-19-jar/META-INF/MANIFEST.MF

1.2248 dropwizard-metrics-graphite 2.1.7

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1.2249 x-net 0.13.0

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1.2250 genproto-googleapis-rpc 0.0.0-20230525234030-28d5490b6b19

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1.2251 proto-otlp 1.0.0

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package spec

// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
 Name string `json:"name,omitempty"`
 URL  string `json:"url,omitempty"`
}
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package spec

import "testing"

func TestIntegrationLicense(t *testing.T) {
 license := License{Name: "the name", URL: "the url"}
 const licenseJSON = `{"name":"the name","url":"the url"}`
 const licenseYAML = "name: the name\nurl: the url\n"

 assertSerializeJSON(t, license, licenseJSON)
 assertParsesJSON(t, licenseJSON, license)
}
```

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1.2253 gopkg.in-yaml 3.0.1

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1.2254 yaml 1.3.0

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1.2255 protobuf 1.31.0

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1.2256 sigs.k8s.io-json 0.0.0-20221116044647-bc3834ca7abd

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1.2257 go-uber-org-multierr 1.11.0

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1.2258 protobuf 1.30.0

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1.2259 structured-merge-diff 4.2.3

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1.2267 golang 1.20.5

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* /opt/cola/permits/1767238680_1692297423.8819418/0/auto-value-annotations-1-10-2-sources-jar/com/google/auto/value/processor/AutoValueOrBuilderTemplateVars.java
* /opt/cola/permits/1767238680_1692297423.8819418/0/auto-value-annotations-1-10-2-sources-jar/com/google/auto/value/processor/AutoValueTemplateVars.java
*
 /opt/cola/permits/1767238680_1692297423.8819418/0/auto-value-annotations-1-10-2-sources-jar/com/google/auto/value/processor/TypeSimplifier.java
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* /opt/cola/permits/1767238680_1692297423.8819418/0/auto-value-annotations-1-10-2-sources-jar/com/google/auto/value/extension/AutoValueExtension.java
* /opt/cola/permits/1767238680_1692297423.8819418/0/auto-value-annotations-1-10-2-sources-jar/com/google/auto/value/processor/BuilderMethodClassifier.java
*
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* /opt/cola/permits/1767238680_1692297423.8819418/0/auto-value-annotations-1-10-2-sources-jar/com/google/auto/value/processor/AutoBuilderAnnotationTemplateVars.java
*
/opt/cola/permits/1767238680_1692297423.8819418/0/auto-value-annotations-1-10-2-sources-jar/com/google/auto/value/processor/ForwardingClassGenerator.java
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* /opt/cola/permits/1767238680_1692297423.8819418/0/auto-value-annotations-1-10-2-sources-jar/com/google/auto/value/extension/memoized/processor/ClassNames.java
* /opt/cola/permits/1767238680_1692297423.8819418/0/auto-value-annotations-1-10-2-sources-jar/com/google/auto/value/processor/TypeEncoder.java
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*/
/**
 * Specifies that AutoValue should copy any annotations from the annotated element to the
 * generated class. This annotation supports classes and methods.
 *
 * <p>The following annotations are excluded:
 *
 * <ol>
 *   <li>AutoValue and its nested annotations;
 *   <li>any annotation appearing in the {@link AutoValue.CopyAnnotations#exclude}
field;
 *   <li>any class annotation which is itself annotated with the {@link
 *       java.lang.annotation.Inherited} meta-annotation.
 * </ol>
 *
 * <p>For historical reasons, annotations are always copied from an {@code @AutoValue} property
 * method to its implementation, unless {@code @CopyAnnotations} is present and explicitly
 * {@linkplain CopyAnnotations#exclude excludes} that annotation. But annotations are not copied
 * from the {@code @AutoValue} class itself to its implementation unless {@code @CopyAnnotations}
 * is present.
 *
 * <p>If you want to copy annotations from your {@literal @}AutoValue-annotated class's methods to
 * the generated fields in the AutoValue_... implementation, annotate your method
 * with {@literal @}AutoValue.CopyAnnotations. For example, if Example.java is:<pre>
 *
 *   {@code @}Immutable
 *   {@code @}AutoValue
 *   abstract class Example {
 *     {@code @}CopyAnnotations
 *     {@code
@}SuppressWarnings("Immutable") // justification ...
 *     abstract Object getObject();
 *     // other details ...
 *   }</pre>
 *
 * <p>Then AutoValue will generate the following AutoValue_Example.java:<pre>
 *
 *   final class AutoValue_Example extends Example {
 *     {@code @}SuppressWarnings("Immutable")
 *     private final Object object;
 *
 *     {@code @}SuppressWarnings("Immutable")
 *     {@code @}Override
 *     Object getObject() {
 *       return object;
 *     }
 *
```

```
 *     // other details ...
 *   }</pre>
 *
 * <p>When the <i>type</i> of an {@code @AutoValue} property method has annotations, those are
 * part of the type, so by default they are copied to the implementation of the method. But if
 * a type annotation is mentioned in {@code exclude} then it is not copied.
 *
 * <p>For example, suppose {@code @Confidential} is a
 * {@link java.lang.annotation.ElementType#TYPE_USE TYPE_USE} annotation:
 *
 * <pre>
 *
 *   {@code @}AutoValue
 *   abstract class Person {
 *     static Person create({@code @}Confidential String name, int id) {
 *       return new AutoValue_Person(name, id);
 *     }
 *
 *     abstract {@code @}Confidential String name();
 *     abstract int id();
 *   }</pre>
 *
 * Then the implementation of the {@code name()} method will also have return type
 * {@code @Confidential String}. But if {@code name()} were written like this...
 *
 * <pre>
 *
 *     {@code @AutoValue.CopyAnnotations(exclude = Confidential.class)}
 *     abstract {@code @}Confidential String name();</pre>
 *
 * <p>...then the implementation of {@code name()} would have return type {@code String} without
 * the annotation.
 *
 * @author Carmi Grushko
 */
```

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* /opt/cola/permits/1767238680_1692297423.8819418/0/auto-value-annotations-1-10-2-sources-jar/com/google/auto/value/processor/AutoOneOfProcessor.java
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* /opt/cola/permits/1767238680_1692297423.8819418/0/auto-value-annotations-1-10-2-sources-jar/com/google/auto/value/processor/TypeMirrorSet.java
* /opt/cola/permits/1767238680_1692297423.8819418/0/auto-value-annotations-1-10-2-sources-jar/com/google/auto/value/processor/GwtSerialization.java
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jar/com/google/auto/value/extension/toprettystring/processor/ExtensionClassTypeSpecBuilder.java
*
 /opt/cola/permits/1767238680_1692297423.8819418/0/auto-value-annotations-1-10-2-sources-jar/com/google/auto/value/extension/toprettystring/processor/ToPrettyStringExtension.java
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* /opt/cola/permits/1767238680_1692297423.8819418/0/auto-value-annotations-1-10-2-sources-jar/com/google/auto/value/extension/serializable/serializer/impl/IdentitySerializerFactory.java
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1.2270 toml v1.3.2

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1.2271 kubernetes-model-flowcontrol 6.8.1

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1.2272 kubernetes-client 6.8.1

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1.2274 kubernetes-httpclient-okhttp 6.8.1

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* /opt/cola/permits/1770371388_1692619618.3448718/0/kubernetes-httpclient-okhttp-6-8-1-sources-jar/io/fabric8/kubernetes/client/okhttp/OkHttpClientImpl.java
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io.fabric8.kubernetes.client.okhttp.OkHttpClientFactory

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1.2275 kubernetes-model-resource 6.8.1

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1.2276 kubernetes-model-node 6.8.1

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1.2277 kubernetes-model 6.8.1

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* /opt/cola/permits/1770371409_1692619616.508246/0/kubernetes-model-admissionregistration-6-8-1-sources-jar/io/fabric8/kubernetes/api/model/admission/v1/AdmissionRequest.java

1.2278 kubernetes-model-common 6.8.1

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* /opt/cola/permits/1770371374_1692619559.9026341/0/kubernetes-model-common-6-8-1-sources-jar/io/fabric8/kubernetes/model/jackson/UnmatchedFieldTypeModule.java
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 /opt/cola/permits/1770371374_1692619559.9026341/0/kubernetes-model-common-6-8-1-sources-jar/io/fabric8/kubernetes/model/annotation/Singular.java
* /opt/cola/permits/1770371374_1692619559.9026341/0/kubernetes-model-common-6-8-1-sources-jar/io/fabric8/kubernetes/model/annotation/LabelSelector.java
* /opt/cola/permits/1770371374_1692619559.9026341/0/kubernetes-model-common-6-8-1-sources-jar/io/fabric8/kubernetes/model/annotation/Version.java
* /opt/cola/permits/1770371374_1692619559.9026341/0/kubernetes-model-common-6-8-1-sources-jar/io/fabric8/kubernetes/model/annotation/ShortNames.java
* /opt/cola/permits/1770371374_1692619559.9026341/0/kubernetes-model-common-6-8-1-sources-jar/io/fabric8/kubernetes/model/Scope.java
* /opt/cola/permits/1770371374_1692619559.9026341/0/kubernetes-model-common-6-8-1-sources-jar/io/fabric8/kubernetes/model/annotation/Plural.java
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* /opt/cola/permits/1770371374_1692619559.9026341/0/kubernetes-model-common-6-8-1-sources-jar/io/fabric8/kubernetes/model/annotation/StatusReplicas.java
* /opt/cola/permits/1770371374_1692619559.9026341/0/kubernetes-model-common-6-8-1-sources-jar/io/fabric8/kubernetes/model/jackson/SettableBeanPropertyDelegate.java
* /opt/cola/permits/1770371374_1692619559.9026341/0/kubernetes-model-common-6-8-1-sources-jar/io/fabric8/kubernetes/model/jackson/UnwrappedTypeResolverBuilder.java
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* /opt/cola/permits/1770371374_1692619559.9026341/0/kubernetes-model-common-6-8-1-sources-jar/io/fabric8/kubernetes/model/util/Helper.java
* /opt/cola/permits/1770371374_1692619559.9026341/0/kubernetes-model-common-6-8-1-sources-jar/io/fabric8/kubernetes/model/annotation/Kind.java
*

/opt/cola/permits/1770371374_1692619559.9026341/0/kubernetes-model-common-6-8-1-sources-jar/io/fabric8/kubernetes/model/annotation/Generated.java
* /opt/cola/permits/1770371374_1692619559.9026341/0/kubernetes-model-common-6-8-1-sources-jar/io/fabric8/kubernetes/model/jackson/JsonUnwrappedDeserializer.java

1.2279 kubernetes-client-api 6.8.1

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/opt/cola/permits/1770371416_1692619570.8447447/0/kubernetes-client-api-6-8-1-sources-jar/io/fabric8/kubernetes/client/lib/FilenameUtils.java
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* /opt/cola/permits/1770371416_1692619570.8447447/0/kubernetes-client-api-6-8-1-sources-jar/io/fabric8/kubernetes/client/dsl/V1StorageAPIGroupDSL.java
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* /opt/cola/permits/1770371416_1692619570.8447447/0/kubernetes-client-api-6-8-1-sources-jar/io/fabric8/kubernetes/client/dsl/EventingAPIGroupDSL.java
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If you have Invariant Sections, Front-Cover Texts and Back-Cover Texts,
replace the ``with@dots{}Texts."@: line with this:

```
@smallexample
@group
   with the Invariant Sections being @var{list their titles}, with
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```
@c Local Variables:
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1.2281 okio 3.5.0

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* /opt/cola/permits/1779742482_1693226770.6289008/0/okio-3-5-0-sources-1-jar/commonMain/okio/FileHandle.kt
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* /opt/cola/permits/1779742482_1693226770.6289008/0/okio-3-5-0-sources-1-jar/commonMain/okio/FileSystem.kt
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* /opt/cola/permits/1784734871_1693569330.456089/0/netty-codec-socks-4-1-97-final-sources-jar/io/netty/handler/codec/socksx/SocksPortUnificationServerHandler.java

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* /opt/cola/permits/1784734837_1693569328.139051/0/netty-transport-4-1-97-final-sources-jar/io/netty/channel/SimpleUserEventChannelHandler.java
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*/
/**
* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
* its {@link ChannelPipeline}.
*
* <h3>Sub-types</h3>
* <p>
* {@link ChannelHandler} itself does not provide many methods, but you usually have to implement one of its
```

```
subtypes:
* <ul>
* <li>{@link
 ChannelInboundHandler} to handle inbound I/O events, and</li>
* <li>{@link ChannelOutboundHandler} to handle outbound I/O operations.</li>
* </ul>
* </p>
* <p>
* Alternatively, the following adapter classes are provided for your convenience:
* <ul>
* <li>{@link ChannelInboundHandlerAdapter} to handle inbound I/O events,</li>
* <li>{@link ChannelOutboundHandlerAdapter} to handle outbound I/O operations, and</li>
* <li>{@link ChannelDuplexHandler} to handle both inbound and outbound events</li>
* </ul>
* </p>
* <p>
* For more information, please refer to the documentation of each subtype.
* </p>
*
* <h3>The context object</h3>
* <p>
* A {@link ChannelHandler} is provided with a {@link ChannelHandlerContext}
* object.  A {@link ChannelHandler} is supposed to interact with the
* {@link ChannelPipeline} it belongs to via a context object.  Using the
* context object, the {@link ChannelHandler} can pass events upstream or
* downstream, modify the pipeline dynamically,
 or store the information
* (using {@link AttributeKey}s) which is specific to the handler.
*
* <h3>State management</h3>
*
* A {@link ChannelHandler} often needs to store some stateful information.
* The simplest and recommended approach is to use member variables:
* <pre>
* public interface Message {
*     // your methods here
* }
*
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {
*
*     <b>private boolean loggedIn;</b>
*
*     {@code @Override}
*     public void channelRead0({@link ChannelHandlerContext} ctx, Message message) {
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) message);
*             <b>loggedIn = true;</b>
*         } else (message instanceof GetDataMessage) {
```

```
*            if (<b>loggedIn</b>) {
*                ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
*            } else {
*                fail();
*            }
*
 }
*     }
*     ...
* }
* </pre>
* Because the handler instance has a state variable which is dedicated to
* one connection, you have to create a new handler instance for each new
* channel to avoid a race condition where an unauthenticated client can get
* the confidential information:
* <pre>
* // Create a new handler instance per channel.
* // See {@link ChannelInitializer#initChannel(Channel)}.
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; {
*     {@code @Override}
*     public void initChannel({@link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>new DataServerHandler()</b>);
*     }
* }
*
* </pre>
*
* <h4>Using {@link AttributeKey}s</h4>
*
* Although it's recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use {@link AttributeKey}s which is provided by
* {@link ChannelHandlerContext}:
 * <pre>
* public interface Message {
*     // your methods here
* }
*
* {@code @Sharable}
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {
*     private final {@link AttributeKey}&lt;{@link Boolean}&gt; auth =
*           {@link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
*
*     {@code @Override}
*     public void channelRead({@link ChannelHandlerContext} ctx, Message message) {
*         {@link Attribute}&lt;{@link Boolean}&gt; attr = ctx.attr(auth);
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
```

```
*            <b>attr.set(true)</b>;
*        } else (message instanceof GetDataMessage) {
*            if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*                ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
*            } else {
*                fail();
*            }
*        }
*    }
*    ...
* }
* </pre>
* Now that the
 state of the handler is attached to the {@link ChannelHandlerContext}, you can add the
* same handler instance to different pipelines:
* <pre>
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; {
*
*    private static final DataServerHandler <b>SHARED</b> = new DataServerHandler();
*
*    {@code @Override}
*    public void initChannel({@link Channel} channel) {
*        channel.pipeline().addLast("handler", <b>SHARED</b>);
*    }
* }
* </pre>
*
*
* <h4>The {@code @Sharable} annotation</h4>
* <p>
* In the example above which used an {@link AttributeKey},
* you might have noticed the {@code @Sharable} annotation.
* <p>
* If a {@link ChannelHandler} is annotated with the {@code @Sharable}
* annotation, it means you can create an instance of the handler just once and
* add it to one or more {@link ChannelPipeline}s multiple times without
* a race condition.
* <p>
* If this annotation is not specified, you have to create
 a new handler
* instance every time you add it to a pipeline because it has unshared state
* such as member variables.
* <p>
* This annotation is provided for documentation purpose, just like
* <a href="http://www.javaconcurrencyinpractice.com/annotations/doc/">the JCIP annotations</a>.
*
* <h3>Additional resources worth reading</h3>
* <p>
```

* Please refer to the {@link ChannelHandler}, and
* {@link ChannelPipeline} to find out more about inbound and outbound operations,
* what fundamental differences they have, how they flow in a pipeline, and how to handle
* the operation in your application.
*/

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* /opt/cola/permits/1784734837_1693569328.139051/0/netty-transport-4-1-97-final-sources-jar/io/netty/channel/ReflectiveChannelFactory.java
* /opt/cola/permits/1784734837_1693569328.139051/0/netty-transport-4-1-97-final-sources-jar/io/netty/channel/AbstractEventLoop.java
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* /opt/cola/permits/1784734837_1693569328.139051/0/netty-transport-4-1-97-final-sources-jar/io/netty/channel/MaxBytesRecvByteBufAllocator.java
* /opt/cola/permits/1784734837_1693569328.139051/0/netty-transport-4-1-97-final-sources-jar/io/netty/channel/pool/ChannelPoolMap.java
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* /opt/cola/permits/1784734837_1693569328.139051/0/netty-transport-4-1-97-final-sources-jar/io/netty/channel/pool/FixedChannelPool.java
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* /opt/cola/permits/1784734835_1693569321.33528/0/netty-codec-http-4-1-97-final-sources-jar/io/netty/handler/codec/http/TooLongHttpHeaderException.java
* /opt/cola/permits/1784734835_1693569321.33528/0/netty-codec-http-4-1-97-final-sources-jar/io/netty/handler/codec/http/HttpHeaderValidationUtil.java
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* /opt/cola/permits/1784734835_1693569321.33528/0/netty-codec-http-4-1-97-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker07.java
* /opt/cola/permits/1784734835_1693569321.33528/0/netty-codec-http-4-1-97-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketCloseStatus.java
* /opt/cola/permits/1784734835_1693569321.33528/0/netty-codec-http-4-1-97-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker.java
* /opt/cola/permits/1784734835_1693569321.33528/0/netty-codec-http-4-1-97-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketServerProtocolConfig.java
* /opt/cola/permits/1784734835_1693569321.33528/0/netty-codec-http-4-1-97-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionFilter.java
* /opt/cola/permits/1784734835_1693569321.33528/0/netty-codec-http-4-1-97-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionFilterProvider.java
* /opt/cola/permits/1784734835_1693569321.33528/0/netty-codec-http-4-1-97-final-sources-jar/io/netty/handler/codec/http/websocketx/CorruptedWebSocketFrameException.java
* /opt/cola/permits/1784734835_1693569321.33528/0/netty-codec-http-4-1-97-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker08.java
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* /opt/cola/permits/1784734835_1693569321.33528/0/netty-codec-http-4-1-97-final-sources-jar/io/netty/handler/codec/http/cors/CorsConfig.java

1.2288 netty-handler-proxy 4.1.97.Final

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* /opt/cola/permits/1784734957_1693569346.9374774/0/netty-handler-proxy-4-1-97-final-sources-jar/io/netty/handler/proxy/Socks5ProxyHandler.java

*
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* /opt/cola/permits/1784734957_1693569346.9374774/0/netty-handler-proxy-4-1-97-final-sources-jar/io/netty/handler/proxy/HttpProxyHandler.java
* /opt/cola/permits/1784734957_1693569346.9374774/0/netty-handler-proxy-4-1-97-final-sources-jar/io/netty/handler/proxy/ProxyConnectException.java
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1.2289 netty 4.1.97.Final

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* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/internal/DefaultPriorityQueue.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/internal/LongCounter.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/internal/PriorityQueueNode.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/concurrent/ThreadProperties.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/AsyncMapping.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/DomainMappingBuilder.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/HashingStrategy.java
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* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/internal/PriorityQueue.java
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* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/SuppressForbidden.java
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* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/AttributeMap.java
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* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/HashedWheelTimer.java
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* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/internal/logging/AbstractInternalLogger.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/internal/logging/InternalLogLevel.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/concurrent/DefaultEventExecutor.java
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 /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/internal/logging/Slf4JLoggerFactory.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/DefaultAttributeMap.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/concurrent/SingleThreadEventExecutor.java
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io.netty.util.internal.Hidden$NettyBlockHoundIntegration

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* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/collection/LongObjectMap.java
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* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/collection/ShortCollections.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/collection/ByteCollections.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/collection/ByteObjectHashMap.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/collection/IntObjectMap.java
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* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/concurrent/FutureListener.java
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* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/SequencedAtomicReferenceArrayQueue.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpscArrayQueue.java
*
/opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/BaseLinkedQueue.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/SpscUnboundedArrayQueue.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/SpscLinkedAtomicQueue.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/SpmcArrayQueue.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/internal/shaded/org/jctools/maps/NonBlockingSetInt.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/SpscChunkedArrayQueue.java
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* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/LinkedQueueAtomicNode.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/BaseMpscLinkedAtomicArrayQueue.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/ConcurrentSequencedCircularArrayQueue.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/AtomicQueueFactory.java

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/opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpmcUnboundedXaddChunk.java
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* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/internal/shaded/org/jctools/maps/NonBlockingIdentityHashMap.java
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* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/internal/shaded/org/jctools/util/UnsafeLongArrayAccess.java
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* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/internal/logging/InternalLogger.java

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* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/NetUtilInitializations.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/NetUtilSubstitutions.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/DomainWildcardMappingBuilder.java
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jar/io/netty/util/internal/logging/MessageFormatter.java
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 /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-
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 </repository>
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<url>https://github.com/JCTools</url>
<inceptionYear>2013</inceptionYear>

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License, Version 2.0</name>
  <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
  <distribution>repo</distribution>
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 </license>
</licenses>

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 <connection>scm:git:https://github.com/JCTools/JCTools</connection>
 <tag>HEAD</tag>
</scm>

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 <developer>
  <url>https://github.com/nitsanw</url>
 </developer>
 <developer>
  <url>https://github.com/mjpt777</url>
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 <developer>
  <url>https://github.com/RichardWarburton</url>
 </developer>
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  <url>https://github.com/kay</url>
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 <developer>
  <url>https://github.com/franz1981</url>
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 <java.test.version>1.8</java.test.version>

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 <hamcrest.version>1.3</hamcrest.version>
 <junit.version>4.12</junit.version>
 <guava-testlib.version>21.0</guava-testlib.version>
</properties>
</project>
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Found

in path(s):
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/META-INF/maven/org.jctools/jctools-core/pom.xml
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* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/concurrent/OrderedEventExecutor.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/concurrent/DefaultEventExecutorChooserFactory.java
*
 /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/BooleanSupplier.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/internal/SocketUtils.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/internal/UnstableApi.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/concurrent/UnaryPromiseNotifier.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/concurrent/PromiseCombiner.java
* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-

jar/io/netty/util/concurrent/RejectedExecutionHandler.java
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* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/IntSupplier.java
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* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/internal/ConstantTimeUtils.java
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* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/concurrent/NonStickyEventExecutorGroup.java
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* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/DomainNameMappingBuilder.java
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* /opt/cola/permits/1784734892_1693569350.1752026/0/netty-common-4-1-97-final-sources-jar/io/netty/util/internal/NativeLibraryUtil.java
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* /opt/cola/permits/1784734885_1693569310.878148/0/netty-resolver-4-1-97-final-sources-jar/io/netty/resolver/HostsFileEntriesResolver.java
* /opt/cola/permits/1784734885_1693569310.878148/0/netty-resolver-4-1-97-final-sources-jar/io/netty/resolver/InetSocketAddressResolver.java
*
 /opt/cola/permits/1784734885_1693569310.878148/0/netty-resolver-4-1-97-final-sources-jar/io/netty/resolver/AbstractAddressResolver.java
* /opt/cola/permits/1784734885_1693569310.878148/0/netty-resolver-4-1-97-final-sources-jar/io/netty/resolver/AddressResolver.java
* /opt/cola/permits/1784734885_1693569310.878148/0/netty-resolver-4-1-97-final-sources-jar/io/netty/resolver/CompositeNameResolver.java
* /opt/cola/permits/1784734885_1693569310.878148/0/netty-resolver-4-1-97-final-sources-jar/io/netty/resolver/DefaultAddressResolverGroup.java
* /opt/cola/permits/1784734885_1693569310.878148/0/netty-resolver-4-1-97-final-sources-jar/io/netty/resolver/DefaultNameResolver.java
* /opt/cola/permits/1784734885_1693569310.878148/0/netty-resolver-4-1-97-final-sources-jar/io/netty/resolver/HostsFileParser.java
* /opt/cola/permits/1784734885_1693569310.878148/0/netty-resolver-4-1-97-final-sources-jar/io/netty/resolver/DefaultHostsFileEntriesResolver.java
* /opt/cola/permits/1784734885_1693569310.878148/0/netty-resolver-4-1-97-final-sources-jar/io/netty/resolver/InetNameResolver.java
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* /opt/cola/permits/1784734885_1693569310.878148/0/netty-resolver-4-1-97-final-sources-jar/io/netty/resolver/NoopAddressResolverGroup.java
* /opt/cola/permits/1784734885_1693569310.878148/0/netty-resolver-4-1-97-final-sources-jar/io/netty/resolver/NameResolver.java
* /opt/cola/permits/1784734885_1693569310.878148/0/netty-resolver-4-1-97-final-sources-jar/io/netty/resolver/SimpleNameResolver.java
* /opt/cola/permits/1784734885_1693569310.878148/0/netty-resolver-4-1-97-final-sources-jar/io/netty/resolver/AddressResolverGroup.java
* /opt/cola/permits/1784734885_1693569310.878148/0/netty-resolver-4-1-97-final-sources-jar/io/netty/resolver/NoopAddressResolver.java

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* /opt/cola/permits/1784734885_1693569310.878148/0/netty-resolver-4-1-97-final-sources-jar/io/netty/resolver/ResolvedAddressTypes.java

1.2291 netty-handler 4.1.97.Final

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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/stream/ChunkedStream.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/stream/package-info.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/stream/ChunkedWriteHandler.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/timeout/TimeoutException.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/stream/ChunkedNioFile.java
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/logging/LogLevel.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/timeout/IdleState.java
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 /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/util/package-info.java
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/NotSslRecordException.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/timeout/IdleStateEvent.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/timeout/WriteTimeoutException.java
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/BouncyCastlePemReader.java
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/pcap/IPPacket.java
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/traffic/ChannelTrafficShapingHandler.java
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialProvider.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/DefaultOpenSslKeyMaterial.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/OpenSslSession.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/OpenSslX509TrustManagerWrapper.java
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/OpenSslX509KeyManagerFactory.java
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/META-INF/maven/io.netty/netty-handler/pom.xml
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/SslHandshakeCompletionEvent.java
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/SslCompletionEvent.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/ocsp/package-info.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/AbstractSniHandler.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/OptionalSslHandler.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/SniCompletionEvent.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/SslClientHelloHandler.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java

* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/JdkAlpnSslEngine.java
*
 /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/JdkAlpnSslUtils.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/Conscrypt.java
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/Java8SslUtils.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/flow/package-info.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/PemValue.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/DelegatingSslContext.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/PemPrivateKey.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslEngine.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/OpenSslCertificateException.java

* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/PemX509Certificate.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/util/TrustManagerFactoryWrapper.java
*
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/OpenSslPrivateKeyMethod.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-

jar/io/netty/handler/address/DynamicAddressConnectHandler.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/SslMasterKeyHandler.java
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/util/KeyManagerFactoryWrapper.java
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/JdkNpnApplicationProtocolNegotiator.java
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ipfilter/IpFilterRuleType.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/SslUtils.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/OpenSslClientContext.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolConfig.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/JdkSslContext.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/util/OpenJdkSelfSignedCertGenerator.java
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/opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/traffic/GlobalChannelTrafficCounter.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/OpenSslContext.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/util/ThreadLocalInsecureRandom.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/JettyAlpnSslEngine.java
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/IdentityCipherSuiteFilter.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ipfilter/IpFilterRule.java
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/opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/PemReader.java
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/JettyNpnSslEngine.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/OpenSslEngineMap.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/util/InsecureTrustManagerFactory.java
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilterRule.java
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/JdkSslClientContext.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/JdkAlpnApplicationProtocolNegotiator.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/SslContext.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/OpenSslApplicationProtocolNegotiator.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/OpenSslServerSessionContext.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/Java7SslParametersUtils.java
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-

jar/io/netty/handler/ssl/OpenSslSessionStats.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/JdkSslServerContext.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/SniHandler.java
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactory.java
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/OpenSslEngine.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNegotiator.java
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/CipherSuiteConverter.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/util/LazyX509Certificate.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/OpenSslSessionContext.java
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/util/LazyJavaxX509Certificate.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/ClientAuth.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNames.java
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* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/OpenSslClientSessionCache.java

*
 /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/BouncyCastle.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/OpenSslContextOption.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/Ciphers.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/SslProtocols.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/OpenSslSessionCache.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/BouncyCastleAlpnSslUtils.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/OpenSslAsyncPrivateKeyMethod.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/AsyncRunnable.java
*
 /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/GroupsConverter.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/BouncyCastleAlpnSslEngine.java
* /opt/cola/permits/1784734964_1693569325.3784633/0/netty-handler-4-1-97-final-sources-jar/io/netty/handler/ssl/SslContextOption.java

1.2292 netty-codec 4.1.97.Final

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* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/CodecOutputList.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/string/LineEncoder.java
*
 /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/ByteBufChecksum.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/CompressionUtil.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/DateFormatter.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/DatagramPacketEncoder.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/DatagramPacketDecoder.java
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* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/Crc32c.java
*
 /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/JdkZlibDecoder.java
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* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/HeadersUtils.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/UnsupportedValueConverter.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/ProtocolDetectionResult.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/ProtocolDetectionState.java
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* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/GzipOptions.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/Zstd.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/Brotli.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/DeflateOptions.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/StandardCompressionOptions.java
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* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/CompressionOptions.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/BrotliDecoder.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/BrotliOptions.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/ZstdConstants.java
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```
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*/
/**
* A decoder that splits the received {@link ByteBuf}s dynamically by the
* value of the length field in the message.  It is particularly useful when you
* decode a binary message which has an integer header field that represents the
* length of the message body or the whole message.
*
 <p>
* {@link LengthFieldBasedFrameDecoder} has many configuration parameters so
* that it can decode any message with a length field, which is often seen in
* proprietary client-server protocols. Here are some example that will give
* you the basic idea on which option does what.
*
* <h3>2 bytes length field at offset 0, do not strip header</h3>
*
* The value of the length field in this example is <tt>12 (0x0C)</tt> which
* represents the length of "HELLO, WORLD".  By default, the decoder assumes
* that the length field represents the number of the bytes that follows the
* length field.  Therefore, it can be decoded with the simplistic parameter
* combination.
* <pre>
* <b>lengthFieldOffset</b>   = <b>0</b>
* <b>lengthFieldLength</b>   = <b>2</b>
* lengthAdjustment    = 0
* initialBytesToStrip = 0 (= do not strip header)
*
* BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)
* +--------+----------------+      +--------+----------------+
* | Length | Actual Content
 |----->| Length | Actual Content |
* | 0x000C | "HELLO, WORLD" |      | 0x000C | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 0, strip header</h3>
*
* Because we can get the length of the content by calling
* {@link ByteBuf#readableBytes()}, you might want to strip the length
* field by specifying <tt>initialBytesToStrip</tt>.  In this example, we
* specified <tt>2</tt>, that is same with the length of the length field, to
* strip the first two bytes.
* <pre>
* lengthFieldOffset   = 0
* lengthFieldLength   = 2
* lengthAdjustment    = 0
* <b>initialBytesToStrip</b> = <b>2</b> (= the length of the Length field)
*
```

```
* BEFORE DECODE (14 bytes)        AFTER DECODE (12 bytes)
* +--------+----------------+      +----------------+
* | Length | Actual Content |----->| Actual Content |
* | 0x000C | "HELLO, WORLD" |      | "HELLO, WORLD" |
* +--------+----------------+      +----------------+
 * </pre>
*
* <h3>2 bytes length field at offset 0, do not strip header, the length field
*     represents the length of the whole message</h3>
*
* In most cases, the length field represents the length of the message body
* only, as shown in the previous examples.  However, in some protocols, the
* length field represents the length of the whole message, including the
* message header.  In such a case, we specify a non-zero
* <tt>lengthAdjustment</tt>.  Because the length value in this example message
* is always greater than the body length by <tt>2</tt>, we specify <tt>-2</tt>
* as <tt>lengthAdjustment</tt> for compensation.
* <pre>
* lengthFieldOffset   =  0
* lengthFieldLength   =  2
* <b>lengthAdjustment</b>    = <b>-2</b> (= the length of the Length field)
* initialBytesToStrip =  0
*
* BEFORE DECODE (14 bytes)        AFTER DECODE (14 bytes)
* +--------+----------------+      +--------+----------------+
* | Length | Actual Content |----->| Length | Actual
 Content |
* | 0x000E | "HELLO, WORLD" |      | 0x000E | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+
* </pre>
*
* <h3>3 bytes length field at the end of 5 bytes header, do not strip header</h3>
*
* The following message is a simple variation of the first example.  An extra
* header value is prepended to the message.  <tt>lengthAdjustment</tt> is zero
* again because the decoder always takes the length of the prepended data into
* account during frame length calculation.
* <pre>
* <b>lengthFieldOffset</b>   = <b>2</b> (= the length of Header 1)
* <b>lengthFieldLength</b>   = <b>3</b>
* lengthAdjustment    = 0
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)                      AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* | Header 1 |  Length  | Actual Content |----->| Header 1 |  Length  | Actual Content |
* |  0xCAFE  | 0x00000C | "HELLO, WORLD" |
```

```
 |  0xCAFE  | 0x00000C | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>
*
* <h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>
*
* This is an advanced example that shows the case where there is an extra
* header between the length field and the message body.  You have to specify a
* positive <tt>lengthAdjustment</tt> so that the decoder counts the extra
* header into the frame length calculation.
* <pre>
* lengthFieldOffset   = 0
* lengthFieldLength   = 3
* <b>lengthAdjustment</b>    = <b>2</b> (= the length of Header 1)
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)                    AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* |  Length  | Header 1 | Actual Content |----->|  Length  | Header 1 | Actual Content |
* | 0x00000C |  0xCAFE  | "HELLO, WORLD" |      | 0x00000C |  0xCAFE  | "HELLO,
 WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
*     strip the first header field and the length field</h3>
*
* This is a combination of all the examples above.  There are the prepended
* header before the length field and the extra header after the length field.
* The prepended header affects the <tt>lengthFieldOffset</tt> and the extra
* header affects the <tt>lengthAdjustment</tt>.  We also specified a non-zero
* <tt>initialBytesToStrip</tt> to strip the length field and the prepended
* header from the frame.  If you don't want to strip the prepended header, you
* could specify <tt>0</tt> for <tt>initialBytesToSkip</tt>.
* <pre>
* lengthFieldOffset   = 1 (= the length of HDR1)
* lengthFieldLength   = 2
* <b>lengthAdjustment</b>    = <b>1</b> (= the length of HDR2)
* <b>initialBytesToStrip</b> = <b>3</b> (= the length of HDR1 +
 LEN)
*
* BEFORE DECODE (16 bytes)                    AFTER DECODE (13 bytes)
* +------+--------+------+----------------+      +------+----------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +------+--------+------+----------------+      +------+----------------+
* </pre>
*
```

```
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
*     strip the first header field and the length field, the length field
*     represents the length of the whole message</h3>
*
* Let's give another twist to the previous example.  The only difference from
* the previous example is that the length field represents the length of the
* whole message instead of the message body, just like the third example.
* We have to count the length of HDR1 and Length into <tt>lengthAdjustment</tt>.
* Please note that we don't need to take the length of HDR2 into account
* because
 the length field already includes the whole header length.
* <pre>
* lengthFieldOffset   =  1
* lengthFieldLength   =  2
* <b>lengthAdjustment</b>    = <b>-3</b> (= the length of HDR1 + LEN, negative)
* <b>initialBytesToStrip</b> = <b> 3</b>
*
* BEFORE DECODE (16 bytes)                       AFTER DECODE (13 bytes)
* +------+--------+------+----------------+      +------+----------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +------+--------+------+----------------+      +------+----------------+
* </pre>
* @see LengthFieldPrepender
*/
```

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*/
/**
* Enumeration of supported Base64 dialects.
* <p>
* The internal lookup tables in this class has been derived from
* Robert
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* Base64 Encoder/Decoder.
*/

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* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanAllocator.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/Bzip2MoveToFrontTable.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/FastLzFrameEncoder.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockDecompressor.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/FastLz.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedEncoder.java

* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameEncoder.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/AsciiHeadersEncoder.java
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* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageDecoder.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/Bzip2Rand.java
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* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/Bzip2MTFAndRLE2StageEncoder.java
*
/opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitWriter.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/json/JsonObjectDecoder.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/Bzip2Decoder.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageEncoder.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameDecoder.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/Bzip2Constants.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/Bzip2Encoder.java
*
/opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/Lz4Constants.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/LzfEncoder.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/LzfDecoder.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockCompressor.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/LzmaFrameEncoder.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitReader.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-

jar/io/netty/handler/codec/compression/Crc32.java
*
 /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/MessageAggregationException.java
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/**
* Utility class for {@link ByteBuf} that encodes and decodes to and from
* <a href="https://en.wikipedia.org/wiki/Base64">Base64</a> notation.
* <p>
 * The encoding and decoding algorithm in this class has been derived from
* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain
* Base64 Encoder/Decoder</a>.
*/
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* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/EncoderUtil.java
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* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/xml/package-info.java
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/opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/ReplayingDecoderByteBuf.java
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* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayEncoder.java
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/opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/ZlibCodecFactory.java
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* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/MessageToMessageCodec.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/JdkZlibEncoder.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayDecoder.java
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* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/LineBasedFrameDecoder.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingDecoder.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/serialization/ClassResolvers.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/string/package-info.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/base64/Base64Decoder.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoder.java
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/opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/Delimiters.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-

jar/io/netty/handler/codec/UnsupportedMessageTypeException.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/serialization/CompatibleObjectEncoder.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/marshalling/UnmarshallerProvider.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameDecoder.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/package-info.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/CompressionException.java
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/opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingEncoder.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/DelimiterBasedFrameDecoder.java
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* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/marshalling/LimitingByteInput.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/serialization/ObjectEncoderOutputStream.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/JZlibEncoder.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/Snappy.java
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/opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/serialization/ReferenceMap.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoderInputStream.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/serialization/SoftReferenceMap.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/protobuf/package-info.java
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* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingEncoder.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/DecoderResult.java
*
/opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/PrematureChannelClosureException.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/marshalling/ChannelBufferByteOutput.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/FixedLengthFrameDecoder.java

* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/marshalling/MarshallerProvider.java
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* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameEncoder.java
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* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/base64/package-info.java
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* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingDecoder.java
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* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/DecompressionException.java
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* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/marshalling/package-info.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/ZlibDecoder.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/marshalling/DefaultMarshallerProvider.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/TooLongFrameException.java
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* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/DefaultHeadersImpl.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/CharSequenceValueConverter.java
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* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/EmptyHeaders.java
* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/Headers.java
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* /opt/cola/permits/1784734807_1693569342.8866954/0/netty-codec-4-1-97-final-sources-jar/io/netty/handler/codec/compression/Lz4XXHash32.java

1.2293 netty-transport-native-unix-common 4.1.97.Final

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* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/netty_unix_jni.h
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* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/io/netty/channel/unix/Socket.java
* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/io/netty/channel/unix/UnixChannel.java
* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/netty_unix_errors.h
* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/netty_unix_socket.h
* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-

jar/netty_unix_filedescriptor.h
* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/netty_unix_errors.c
* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/io/netty/channel/unix/DomainSocketChannel.java
* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/io/netty/channel/unix/DomainSocketChannelConfig.java
* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/io/netty/channel/unix/FileDescriptor.java
* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/netty_unix_socket.c
* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/io/netty/channel/unix/Errors.java
* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/io/netty/channel/unix/NativeInetAddress.java
* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/io/netty/channel/unix/ServerDomainSocketChannel.java
* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/io/netty/channel/unix/DomainSocketAddress.java
* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/io/netty/channel/unix/DomainSocketReadMode.java
* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/io/netty/channel/unix/DatagramSocketAddress.java
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* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/io/netty/channel/unix/SegmentedDatagramPacket.java

*
 /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/io/netty/channel/unix/DomainDatagramSocketAddress.java
* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/io/netty/channel/unix/DomainDatagramPacket.java
* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/io/netty/channel/unix/DomainDatagramChannel.java
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* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/netty_unix_util.h
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 /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/io/netty/channel/unix/PeerCredentials.java
* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/netty_unix_util.c
* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/io/netty/channel/unix/LimitsStaticallyReferencedJniMethods.java
* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/netty_unix_limits.h
* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/io/netty/channel/unix/Limits.java
* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/io/netty/channel/unix/SocketWritableByteChannel.java
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* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/io/netty/channel/unix/package-info.java
* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/io/netty/channel/unix/UnixChannelOption.java
* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/io/netty/channel/unix/IovArray.java
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* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/io/netty/channel/unix/GenericUnixChannelOption.java
* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/io/netty/channel/unix/RawUnixChannelOption.java

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* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-

jar/io/netty/channel/unix/Buffer.java
*
/opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/io/netty/channel/unix/PreferredDirectByteBufAllocator.java
* /opt/cola/permits/1784734814_1693569352.1654963/0/netty-transport-native-unix-common-4-1-97-final-sources-jar/netty_unix_buffer.c

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1.2299 golang 1.20.8

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fields:
  site: string
  author: root

1.2301 libflac 1.3.3-1ubuntu0.2

1.2301.1 Available under license :

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Version 2.1, February 1999

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The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.2307 jetty-util 9.4.52.v20230823

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The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

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* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
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* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
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http://openjdk.java.net/legal/gplv2+ce.html

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

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org.eclipse.jetty.toolchain:jetty-schemas

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org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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* org.eclipse.jetty.orbit:javax.mail.glassfish

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

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* java.sun.security.ssl

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http://openjdk.java.net/legal/gplv2+ce.html

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

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org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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org.eclipse.jetty.toolchain:jetty-schemas

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org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.2312 cyphar-filepath-securejoin 0.2.4

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1.2313 x-term 0.12.0

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1.2314 bind 9.16.1-0ubuntu2.16

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1.2315 docker 24.0.6+incompatible

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package v2_3

// OtherLicense is an Other License Information section of an
// SPDX Document for version 2.3 of the spec.
type OtherLicense struct {
 // 10.1: License Identifier: "LicenseRef-[idstring]"
 // Cardinality: conditional (mandatory, one) if license is not
 //              on SPDX License List
 LicenseIdentifier string `json:"licenseId"`
```

```
// 10.2: Extracted Text
// Cardinality: conditional (mandatory, one) if there is a
//              License Identifier assigned
ExtractedText string `json:"extractedText"`

// 10.3: License Name: single line of text or "NOASSERTION"
// Cardinality: conditional (mandatory, one) if license is not
//              on SPDX License List
LicenseName string `json:"name,omitempty"`

// 10.4: License Cross Reference
// Cardinality: conditional (optional, one or many) if license
//              is not on SPDX License List
LicenseCrossReferences []string `json:"seeAlsos,omitempty"`

//
10.5: License Comment
// Cardinality: optional, one
LicenseComment string `json:"comment,omitempty"`
}
```

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// SPDX Document for version 2.2 of the spec.
type OtherLicense struct {
 // 10.1: License Identifier: "LicenseRef-[idstring]"
 // Cardinality: conditional (mandatory, one) if license is not
 //              on SPDX License List
 LicenseIdentifier string `json:"licenseId"`

 // 10.2: Extracted Text
 // Cardinality: conditional (mandatory, one) if there is a
 //              License Identifier assigned
 ExtractedText string `json:"extractedText"`

 // 10.3: License Name: single line of text or "NOASSERTION"
 // Cardinality: conditional (mandatory, one) if license is not
 //              on SPDX License List
 LicenseName string `json:"name,omitempty"`
```

```
// 10.4: License Cross Reference
// Cardinality: conditional (optional, one or many) if license
//              is not on SPDX License List
LicenseCrossReferences []string `json:"seeAlsos,omitempty"`

//
10.5: License Comment
// Cardinality: optional, one
LicenseComment string `json:"comment,omitempty"`
}
```

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Files: s2/cmd/internal/filepathx/*

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procfs provides functions to retrieve system, kernel and process
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github.com/pelletier/go-toml:

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localtime.go, localtime_test.go:

Originals:
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Changes:
* Renamed files from civil* to localtime*.
* Package changed from civil to toml.
* 'Local' prefix added to all structs.
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package spec

// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
 Name string `json:"name,omitempty"`
 URL  string `json:"url,omitempty"`
}
# This source code was written by the Go contributors.
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package spec

import "testing"

func TestIntegrationLicense(t *testing.T) {
 license := License{Name: "the name", URL: "the url"}
 const licenseJSON = `{"name":"the name","url":"the url"}`
 const licenseYAML = "name: the name\nurl: the url\n"

 assertSerializeJSON(t, license, licenseJSON)
 assertParsesJSON(t, licenseJSON, license)
}
```

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1.2321 go-restful 3.11.0

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1.2322 cups 2.3.1-9ubuntu1.6

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1.2323 apiextensions-apiserver 0.28.2

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1.2324 kubernetes-component-base 0.28.2

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procfs provides functions to retrieve system, kernel and process
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github.com/pelletier/go-toml:

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localtime.go, localtime_test.go:

Originals:
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Changes:
* Renamed files from civil* to localtime*.
* Package changed from civil to toml.
* 'Local' prefix added to all structs.
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Protocol Buffers for Go with Gadgets

Go support for Protocol Buffers - Google's data interchange format

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1.2330 kubernetes-kubectl 0.28.2

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1.2337 glibc 2.31-0ubuntu9.12

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1.2338 libx11 1.6.9-2ubuntu1.6

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1.2341 memcached 1.5.22-2ubuntu0.3

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A list is generated from git here: https://memcached.org/about

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1.2342 dropwizard-jackson 2.1.8

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1.2343 dropwizard-validation 2.1.8

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* /opt/cola/permits/1813440581_1696493002.052723/0/dropwizard-validation-2-1-8-sources-jar/io/dropwizard/validation/InterpolationHelper.java

1.2344 dropwizard-logging 2.1.8

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* /opt/cola/permits/1813442388_1696493010.3086777/0/dropwizard-logging-2-1-8-sources-jar/io/dropwizard/logging/ResilientOutputStreamBase.java

1.2345 dropwizard-core 2.1.8

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==========
Modified by Atlassian

The binary file of the original library has been modified by Atlassian in such way that classes have changed
their package names from 'org.jfree' to 'clover.org.jfree'. This was necessary to avoid potential name
conflicts during instrumentation of a code using the original library when using Clover. No source code of
the original library was modified.
==========

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their package names from 'org.apache.velocity' to 'clover.org.apache.velocity'. This was necessary to
avoid potential name conflicts during instrumentation of a code using the original library when using Clover.
No source code of the original library was modified.
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The primary ANTLR guy:

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onoMnApeShTpQtDJbcUgJTIFONPQeUndIgfQWWNNddIwBl
mi2Kp5RjfhIJdGCSo<bOTNof2KNxm9KCi5lxEyKI9BJW3p
qOPQUXpopOopMMPqnPnXXQPNOPNRnqQNQqStwVxuQSTtVW
UrwSUSSSTVwxWSXNmrrpnmqmUUnpsvpntsmmmmmUUnpsvp
ntsmmmmmUUFmbkWJlroZbW4bsbilmjbkqUUnmmmm
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No source code of the original library was modified.

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 File: Core.js

 Description:

 Provides common utility functions and the Class object used internally by the library.

 Also provides the <TreeUtil> object for manipulating JSON tree structures

 Some of the Basic utility functions and the Class system are based in the MooTools Framework
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1.2362 java™-native-access 4

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The binary file of the original library has been modified by Atlassian in such way that classes have changed
their package names from 'it.unimi.dsi.fastutil' to 'clover.it.unimi.dsi.fastutil'. This was necessary to
avoid potential name conflicts during instrumentation of a code using the original library when using Clover.
No source code of the original library was modified.
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==========

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The primary ANTLR guy:

Terence Parr
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onoMnApeShTpQtDJbcUgJTIFONPQeUndIgfQWWNNddIwBl
mi2Kp5RjfhIJdGCSo<bOTNof2KNxm9KCi5lxEyKI9BJW3p
qOPQUXpopOopMMPqnPnXXQPNOPNRnqQNQqStwVxuQSTtVW
UrwSUSSSTVwxWSXNmrrpnmqmUUnpsvpntsmmmmmUUnpsvp
ntsmmmmmUUFmbkWJlroZbW4bsbilmjbkqUUnmmmm
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their package name from 'com.lowagie' to 'clover.com.lowagie'. This was necessary to
avoid potential name conflicts during instrumentation of a code using the original library when using Clover.
No source code of the original library was modified.
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avoid potential name conflicts during instrumentation of a code using the original library when using Clover.
No source code of the original library was modified.

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Also provides the <TreeUtil> object for manipulating JSON tree structures

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import: ../../../../fossene/db/schema/thing.yml
fields:
  site: string
  author: root

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1.2370 mitchellh-mapstructure 1.5.0

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1.2371 urfave-cli 1.22.4

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1.2372 apache-portable-runtime-project 1.2.2

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1.2377 curl 7.68.0-1ubuntu2.20

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1.2378 x-sys 0.13.0

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1.2379 x-crypto 0.14.0

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1.2380 golang 1.20.10

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Found in path(s):
* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/util/VersionFSHierarchyMaker.java
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* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/StatementImpl.java
* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/NonRegisteringDriver.java
* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/UpdatableResultSet.java
* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/ResultSetImpl.java
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 /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/RowDataCursor.java
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* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/JDBC4ClientInfoProvider.java
* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/StatementInterceptor.java
* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/jdbc2/optional/JDBC4MysqlPooledConnection.java
* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/Extension.java
* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/ResultSetInternalMethods.java
* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/ParameterBindings.java
*

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* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/jdbc2/optional/JDBC4MysqlXAConnection.java
* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/profiler/LoggingProfilerEventHandler.java
* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/jdbc2/optional/JDBC4SuspendableXAConnection.java
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*
/opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/integration/c3p0/MysqlConnectionTester.java
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 /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/MysqlErrorNumbers.java
* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/jdbc2/optional/WrapperBase.java
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* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/jdbc2/optional/ConnectionWrapper.java
* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/jdbc2/optional/JDBC4ConnectionWrapper.java
* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/CommunicationsException.java
* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/RowDataDynamic.java
* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/jdbc2/optional/JDBC4StatementWrapper.java
* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/EscapeProcessor.java
* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/Util.java
* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/ServerPreparedStatement.java

* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/ConnectionImpl.java
* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/log/LogFactory.java
* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/DatabaseMetaData.java
* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/RowData.java
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* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/MysqlDefs.java
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/opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/ConnectionFeatureNotAvailableException.java
* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-

jar/com/mysql/jdbc/BlobFromLocator.java
* /opt/cola/permits/1821444197_1697217276.4837866/0/com-springsource-com-mysql-jdbc-5-1-6-sources-jar/com/mysql/jdbc/PacketTooBigException.java
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 888       8   888   .d88'    Y888..8P
 888       8   888ooo88P'      `8888'
 888       8   888           .8PY888.
 `88.    .8'   888          d8'  `888b
   `YbodP'    o888o        o888o  o88888o
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Python was created in the early 1990s by Guido van Rossum at Stichting
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as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions
from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
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In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
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2.1	2.0+1.6.1	2001	PSF	no
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2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
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2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
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2.3.4	2.3.3	2004	PSF	yes
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Mersenne Twister

The `_random' module includes code based on a download from `http://www.math.keio.ac.jp/~matumoto/MT2002/emt19937ar.html'. The following are the verbatim comments from the original code:

A C-program for MT19937, with initialization improved 2002/1/26.
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using init_genrand(seed)
or init_by_array(init_key, key_length).

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Any feedback is very welcome.
http://www.math.keio.ac.jp/matumoto/emt.html
email: matumoto@math.keio.ac.jp

Sockets

The `socket' module uses the functions, `getaddrinfo', and
`getnameinfo', which are coded in separate source files from the WIDE
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Modified by Jack Jansen, CWI, July 1995:
- Use binascii module to do the actual line-by-line conversion
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- Arguments more compliant with python standard

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

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\'fPd'fPd'fP\'fP\'fP\'fP]'fP]'gP*]'gP6]'(gPJ]'8gPU]'HgPg]'XgPV'hgPw]'xgP]'gP]'gPe'gP]'gP]'gP]'gP]'gP^'hP%^'
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f'XiPHf'hiPpf'xiPf'iPf'iP_'iP+_'iP;_'iPP_'iP_'iPt_'iP_'jP_'jP_'(jP_'8jP_'HjP_'XjP_'hjP`'xjP`'jP4`'jPH`'jP^`'jPl`'jP`'jP`'j
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wP+q'8wPL%HwPBq'XwPRg%hwPVq'xwPgq'wPzq'wPq'wP(wPq'wPq'wPq'wPq'wPq'xPq'xPq'(xPr'8xPu'HxPr'hxP
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PfR%fR`PfRr%fRPgR%gR P8gR%@gR-P`gR%hgR ,PgR&gR PgR%gRPgRd%gR -PhR%hR-P8hR%@hR
,P`hR%hhR,PhR%hRQhR4%hR`,PhR,%iR`P iR?%(iR PXiR&`iR PiR[%iR`-PiR%iRPiRt%iR`QiR_%jRP jRR'(jR
PHjRr%PjR`QxjR%jR`PjR%jR PjRx%jR .PkR%kR P8kR%@kR Q`kR%hkRPkR%kRPkR%kRPkR4%kR-PlR7%
lR`P@lRG%HlR PxlR)lR`QlRk%lRPlR6lRIlR /mRH0mRPXmRH`mRHmR6mRImR /mRHnR\' nR
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QPRR[)RQR)R`PR )R`P(R`Q`RhRR PRPR8R&@RP`Rno(hR QRb)RPR)R PRQ(R 0RpxR)RPR
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RP=SQX=SR`=S@Rh=SRp=S@Rx=S@R=SR=S R=S@R=SR=SR=S
R=SR=SR=SR=SlR=S(mR=SmR=S`Q=S R>SP>S) >S
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Mf@Mn`MuMHttE]MUA3A3XA3HA3PL<LDLDLT(AAYAIAQM@MIIILT$(uHl$8E]MU.fM9Hl$@fAAX
AHAPL<LDHl$@LD$LT$(3E3]3M3ULILT$(Hl$@AAYAIAQM@MIuLd$8LUL]M$M\$LUL]LT$@L\$HfA
AXAHAPL<LDLDLT(3D$@3\$D3L$H3T$LMM`It(L\$@Ld$HAAYAIAQM@MILT$(H|$8LLgAAYAIAQ
$@H|$PQH1H@Hl$HLiI)IIL)HHl$LD$8LLIIIIAL<$IHDMHL)H%M4HIE]MUtA3A3XA3HA3PL<LDLL$
LT$(LD$LL$
LT$(AAYAIAQM@MIIIuIuHl$8E]MU3IILLLfHL)H1fMILLKHIL]LeL\$@Ld$HAAXAHAPL<$LDLL
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Doff8fEfDT$
f8f8Nf8f8f8f8F(rif8f8f8f8N8f8f8f8f8FHt7f8f8f8f8NXf8f8f8f8FhDf8f8f8fff8oNfDfDoFf8f8AotAo|fA8fA8EoDEoL
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LNL)H\$@OLO9HoOo_L$$LNL)Hl$HOLW9HoOogL$(LNL)Hl$POL_9HoOooL$,LNL)Hl$XOL'9HoOowL$0L
NL)Hl$`O8Lo(9Ho0Oo@L$4LNL)Hl$hO`LwP9HoXOzoGhL$8LNL)Hl$pLx9HOzoL$<LNL)Hl$xhNFFxAH$AA
"A+iA$aA]YA&QA/IAA9A1ff.i;L$
aAHYQILMIHOAL)b9APH\$@b1NMDzUi;L$$H\$HaAIYQILMIHOAL)b9AYH\$Hb1FMLz]i;L$(H\$PaAJYAH
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i;L$,H\$XaAKYAIQILMIHOAL)b9AkH\$Xb1FM\zm0i;L$0H\$`aAL$YAJQILMIHOAL)b9AT$H\$`b1NMdi;L$4
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OYAMQILMIHOAL)b9AoH\$xb1F(M|zot$
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xkL+\$Xm0xt$L+d$`Ix}L+l$hAAxFL+t$pA9AxOL+|$xA1HD$wLxLpLhL`HhHXH
fffffff.HSUATAUAVAWHHHHD$wzo>HvxH1pL`9HhOoxL$
LNL)H\$@$OLO9HoOo_L$$LNL)HlHOLW9HoOogL$(LNL)Hl$P$OL_9HoOooL$,LNL)HlXOL'9HoOowL
$0LNL)Hl$`$O8Lo(9Ho0Oo@L$4LNL)Hl$h$O`LwP9HoXOzoGhL$8LNL)Hl$pz$
 Lx9HOzoL$<LNL)Hl$xz$0!NFFxH$@zozozo"zo+zo4$zo}AzoAzoUi]ae Ym0Qu@I}PAzE`A9zMpA1H
f.i;L$
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$BAxwy1!1D$11cyl$BAx11)qT$1ry$1rL$1BAxw1q\$11cqD$ 11)AyoS
il$$BAx1ryL$1rT$(11iL$,1BAx71ci\$011)aD$41ryL$ 1rl$8BAx11aT$<11ca$1BAxw
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Azol$ Axd%ABAx!11)I11T$$ryL$!1r1BAxw11L$(!I1111\$,!1BAx111cID$0!11)AyoS0A11l$4BAxwryL$
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ABAxi11L$$ryL$!1r111\$(!i1BAxw111D$,!111cil$0BAx11)aT$41ryL$
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L$41Ar.BAxw@BAxPtBAxw`BAxpBAxAxw1\$811D$<1xd%0Md$@AAqAIAQAAiAqAIAQ1Ai!z\$11D$11l$B
Ax11T$11L$ 1BAxw
1\$$11D$(11l$,BAx011T$011L$41Ar.BAxw@BAxPtBAxw`BAxpBAxAxw1\$811D$<1xd%0LD$XAAqAIAAQ
AqAiAIAQAiAx wHt$hL>LvLnLfHn H^(Hf0ffffff.yZyZyZyZnnnnbbbb

AESNI-CBC+SHA1 stitch for x86_64, CRYPTOGAMS by
<appro@openssl.org>ffff.ffffff.LT$EofEnIfo=xDH)D9AAHIpfEpfEpD7EWAWIf8AofEof8AobfEoAf8f8fDAoj

MR@fAIf8fAfEof8E:D8Af88AorfEof8If8E:D8f8f8fEoE:D8If88f8A
f8fEoE:D8I0f88f8Ar&A@f8IPf8tA`f8Ipf8f8AfEoE:D8DwEW>AWIf88f8Af8fEoE:D8If88f8Af8fEoE:D8If88f8f8f
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f8I0f8Ar&A@f8IPf8tA`f8Ipf8f8AHfET>0H@GfEpfEpAEfE~IL@NHt?AMSI=\$MI
AA1Ht/BD7q/BD7q[V9Y?^[V9Y?^[1$}U[1$}Ut]rtt]rtiGiGo,-tJ\vo,-tJ\vRQ>m1'YRQ>m1'YGQcg))GQcg))
'8!.m,M
8S
'8!.m,M
8STs
e
jv.,rTs
e
jv.,rKfpKQlKfpKQl$5pj$5pjl7LwH'4l7LwH'49JNO[o.h9JNO[o.htocxxtocxxlPxqlPxq

AESNI-CBC+SHA256 stitch for x86_64, CRYPTOGAMS by
<appro@openssl.org>f.LT$HSUATAUAVAWHHHH)I)HHt$HHTPLD`LLhLTpHD$xwIHL-DwpMLAzoI
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1|$0Eff.HAzo$Ld$@qADaEE1xA E1rAA1E!A1zoWE1D$AxAE1A1AED!x
A1E1Dr
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E1Er
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A1Dr
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E1rAA1E!B1zoE1D\$ AxAE1A1AED!x
A1E1Dr
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E1Er
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A1rAE1A!A!B1zoW@A1T$0ExAA1E1ADD!x
E1DD1Ar
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LD$`LL$hLTpHDxwIHL-DwpMLAzoI AA_AOAWEGEOEWE_yotyolyod
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fL$@A]0ft$PAM@AuPMm`fot$`f.fAMd$PfAH$AfD<fDE}fl$ AEf\$0Am
fL$@A]0AM@MmPfot$PKfDfAMd$@fAH$AfD<fDE}fl$ AEf\$0Am
A]0Mm@fot$@ffAMd$0fAH$A1fD<$fD$E}fl$ AEAm Mm0fot$0fffff.fDMd$ fAH$AfD<$fD$E}AEMm fot$
Bffff.fAMd$f} H} Hu IfD} E}Mmfot$fEfDo%fDffEpfoffEEo<$fAH} fDHu fD} IFfu LAuAD$
Md$JHRuEo}H}
fDHu fD} Ifm AmH$fff@H@ H9wHExLxLpLhL`HXHhH D

UUUUUUUUUUUUUUUU3333333333333333

ccccccccccccccccBit-sliced AES for x86_64/SSSE3, Emilia Ksper, Peter Schwabe, Andy
Polyakovffffff.IIfAofofAo)frfAf8fof8fIfLyffAofAof8f8ffAoffCoLf8fCo$fAof8foff8Iff8Iff8I0HffAofAoffrfAf8fAof
f8fAoff8fAoff8fAoff8Ao)f,fAobfAoBf8ff8fCoL@ff8IfAofofIfrAo)IfAf8foI0Lf8I0ffo-
#fIMfAobfAoJf8f8ffAo"ffAoJf8f8f8ffAob

ffAoJ0f8f8f8ffAob@ffAoJPf8f8f8fIf:fHfAoffAofrfAf8fAoff8fAoff8ffAof8fAoff8AoffAob`f8ffAoBpfAof8ff8f.fDo
bofoLfoLHufCof8I0wmt
!HoGfoff:HtRfDoGvfoHtfpfofofoLHufCof8LrH HfR
fffffffffpfpffffoffA:fE:ffpf:fofsffofsff=fAoffrfAfAof8ffAof8ffAof8ffAof8ffAof8ffAof8fAof8fffoffAoffrfAfAof8fA
oCf8fffofo-4Hu/Hf%f8fof8ff8fLfAoffrfAfAof8fAo[f8ff8fAoS
f8ffAo[0f8ff8fAoS@f8ffAo[Pf8ff8fAoS`f8ffAo[pf8fHfCof8II0A0r1fffff.HTAAA A
21fffff.offf.oRfff.HHrpAo0H)jAt4foffo>HHs2fffff.ofoffo>HHsA0DLyfEoRfEoZfEo
fEoj0fEob@fEozPfEor`

p*Zx"RM|1}0L>PD*nz#6.
;$qz/U^)
@iJ#comxzj_t5+A

}|M*p[[[[[[[[[[[[[[[[`)Ih!APQ\]
G@]Zi6_wA(G]Z@6wA(i_POLSJ[4~o%POLS{O1
j^~o[%4J3'bQvE_T[PENAJe`rwSLOPI;e,^rW}9D*n$<
1)Bd"F&`gYkU2>&Fd`B"U2>Ykg@~S->mDVYKVector Permutation AES for x86_64/SSSE3, Mike Hamburg
(Stanford University)HHHAWAVAUATUSDDt
AoL3*D_LD3ZO_3Z1G1G1GDA1GA1GA1G3BE1O 1O
1OD1O
1O1@IH=AB3L
A3DC3A,B3,L$DAEC3,AA3,AG4F34DCAAD1DA3GF3DbE3E3L$11D1A1ADA1D1A
D1DAD11A1A1BA1E1D3ZH
A13JE1D1D1A@E]AIIIADAG,G3,D3,DEE3,AEAC3DB3A3IA,C3,D3,C3,IAC33DC31111A1A1%AAAA
AAD1A1D11D3jBA1D113D1E113jDIAB3DA3C3IAB3A3DC3AI@DAB3EA3DAC3EA,B3,C3,A3,D11111A1A

AAAD AA1E1AA1AE1D1Db113J3jA1H A13B1L9AAC,DGAE DDE,FA,AAAAEAE DE D3A D 3jE$AAA AA A%A
D3bA A % 3BDD^@nDDfVDvVVvDVDV Dv
VfFV
[]A\A]A^A_DfDAWAVAUIATUSHt$5H,tD|$H-OLAGD`?DIHAMcII1O1O1OD$GA34$1OA1O1O D$G1O1O
1O
AD$G1O1O1AL$AE3\$DAD1HIDEED1tB34LADEC34AC34IHxAFLF3E3DG3IHMLB3A3DEC3IDAEDB3C
3A1C3D11D11AA1AEAAAAE
AAA1E1AAD1EAt$E1AAE1D1E11DD$A1ALDtGG1O1O11Gt$G1O1O1A1ADt$~PGG1O1O1O1\$O1G1O1
A1DD$|$A3|LA3LDA3D$E3D$fntDDtHD|$I@Dt$A4C34D34fn\$B3tID|$A<C3<3<B3|DIH
 AC33Dfn|$B3LEIDAEfnD$AC3B31B3D1fbfb111A1AAA%AA
EAAAD1A1AD1A1f~D3L$E1flD1D11D11D1E1L$A|$(AEL$ A3D$$fn|$1H
%fnd$AA|$,A1EDD1ADAE|B3<DC3<AA3<AFLF3EE3DAE3DEB3C3EEA3ADABlB3,EC3,Dd$A3,A1D11A1E
1A1DDAAEA\$AAE E\$AfntDdA1DfnD$fbfn|$A1AA1DD\$D1fbD1fo13l$E111A1D1EAflAl$fnl$E1EL$A
D|DlA1fnTLA1A
DDJAA
fbA1fnl$l$E1EDJDL$A
fbfofDoAflE1D3LDdflfArflfrDJEAfofrA1l$E1Afr
DJEA
fAA1A
E1EDJ AAA
fE1E1EDJ$AA
AE1D3L$AA
fofrfDJ(EAE1fE1D|$DJ,AAA1A1
DJ0EAA1DE1
DJ4EAA1DA1
DJ8EAA1E1DJ<GD3L$J@foA1DfrDJPD6fA1A1C6DJTDL$fAA1D3L$\$DJXEAD3L$A1DJ\GA1A1DDJ`D?E1
A1CDJdAAA1D3L$DJhEAE1A1C\-DJlAAA1\-
A1DJpEAA1C?E1DJtEAA1C$A1DJxEAA1DE1DJ|DL$AA1D3L$\$DEAA1A1DEAD3L$A1DDAAD3L$A1DD
AAA1A1DEAE1A1DEAD3L$A1DDAAE1A1DDEAA1DA1DEAA1DE1DAAA1A1DEAA1E1D\$AAA1A1l$DD
L$AA1E1D|$DAAAE1E1DDL$AA1E1|$DmADEAD3L$AD3l$L$A1DDDL$AA1D3L$\$DEAD3L$A1DAAE1A
ADD1EAD1EAD1D1D11DA1A1|$Dfnt$D$frfnT$fofr
fnD$ffbfnt$frfbfflfnTDTfn|$|$frffnL$D\$fbfnt$fbflf1[]A\A]A^A_fffATUSHHSoHHoHFH9DN1B111zAzAD1D
1AA1D11AAE1D1D111AAAAAAAE1AD
AA11AE1EA1D111N1ADAD1A1D1EAA1ND11AAD1AAE1E1A1A1ED1AE1H
DEAHE1EAAA1A1E1jE1AD1A11DJJA1D1DB^NFDVH9SAAD1BA111JRAAD1D1AAD1D1D11111A1AAAA
D AAE1AAA1E11D1>111N1F1~[]A\ff.AUATE1USHHtPH~UHOt|HD`t5HAHcA
HwLBLH|IIE
 hLEHD[]A\A]HD`tHEL@LEHD[]A\A]f.HcHwHSH)DHH9uFA111AunAu_AuPAuAAu2
Au#@uMAAAAHHHEL@Hw@DcUAf.AWAVAUATUSHHH>HI~J1H
<A
GHtH9]tHT1HH[]A\A]A^A_HIHHL.E}ADHSIML$HH IHCH5uLLL$HLL$LHL6DILL$C D
MH{H5QDLD$/LD$HCLCtH]M.fD1@H
A
fHHM.E}ADmE1LASfDAWAVAUATUSAHDE1HDfHDIHc7HgAD9~LwMtvMcMA".D A.~cHSHc|
uUHHHcHH)Hf.H|u)H9uH[]A\A]A^A_f.uH[]A\A]A^A_E|$H{H
AIcRHIt*HcD)~I<Hc1@LsD;@H
IAA
O1O1Ht5VI9~&HHtHcfHtXLGMtO~Iy1Af.Hu(9D~A"H9u1f.1AWAVIAUATUSHhHt$5Hu8H

yAnAk
OHh[]A\A]A^A_I11<HDLDHDHDHHDHDXHD$ HDPHD(II)Iw\HuII)H9uLHdIt$DLHry
H9j~HHHII)MlHLMHTHt
H|$(ILl$PAHD$PL)HHAt%|$ID$I)I=D$HT$Xt;Hu6L$HD$HH=HL$L!HHDH)H9|H9T$tH%=u+5AH
k
tLHh[]A\A]A^A_HH)HHL$07H9.HA@THl$8HHD$0LI9IMFJt5HLIt$LHp~:HHH)uKD-
I?LBL)t$0uHHD$XHl$8H@AH
k
LDAxH
kAk
GA}AH
;A{k
ArAgA\ff.USHHHHHH$1x0H$Ht$HHRHT$HcHH<$HH[]1fAVAUIATUISHI'HkHtBHL1jH|HLHLTHH)m[H]A\
A]A^DH
!Am
1USHHHHHH$Ax=H$Ht$HHHRHT$Hc}HH<$HH[]1fff.AUATIUSHIH(HkHtCHL1jH{HLHHHH-lHH[]A\A]H
!AR
1AWAVIAUAT1USHIMHH(HL$HcH5"HHIHt$LHDHTE1MLHL4
D$t/H5-L+H([]A\A]A^A_H5yL*D$H([]A\A]A^A_fH
IAD
H(1[]A\A]A^A_fDH
A#A
1ZAUATHUSIHHHHM1HtHDH|$Ht5E1HcMLH3
t+H|$H5AH[]A\A]H|$H5d>H[]A\A]AUATUSHHtrHHIH1H5J
HcHItGHHHHtHc1Ll$AH5
$LH]HH[]A\A]1H
AAo
1XfDSHHH$t^HHHHHHcH$HtFHt$H1HD$yH<$H5oBH~HH[f1@H
AA=A
1~t
1ff.H1fDUSHHHH(D$TH\$HHHDtHtHHoH([]AUATIUSIHXHt$H|$Ht$NHt>Hu&Mu!HL)HX[]A\A]fDLHkN
u111~t
1AWAVIAUATIUSIH1E1HA~qH5Hc,D}HHtqHDHtLE1A~LA)IcLHwm9uAH5@H|HD[]A\A]A^A_E1H
dA.At
AUATIUSHIHHH
eHt;HL1jHuLHHHNfH[]A\A]H
Au
1H[]A\A]ATUHSIHH1HHtHDwH|$HuYf~D)HcHL(l9H|$uH5Cmi{H[]A\fD1@H
A^A
1]H[]A\fAUATIUSHIHHcHt;HL1jHVtLHHHdH[]A\A]H
AM
1H[]A\A]ff.SG^%9t[DE[SLOLcMt;Mt6GA%HI[E1HIu![E1E1E1HtH>HtDDIKMt*M)IDA<
D1@AHHuH[@8HI[AfLAWILIKHHPHHBI{H9 H'EAHDA
QHDA
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DA
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DA
QHDjA
QDHfH)ffII|I1foHHI9fofhf`fofafiffofifafffwfoHHfsfHfofsff~D H9tAH I9wAALOf.LE1:E1- 1E1

{fDAWAVAUATUSHHqHIIHH1@w@IHLBAHHRHGHIBH9bHDIHD3
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QDf.MfI)ffLLD9H1fAoHIH9fofhf`fofifaffofifafffwfoLHfsfHfofsff~D I9tf.<H H9wyI
@AMteI]Ht\1DHutH
$A9A
:I9]tH1HH[]A\A]A^A_HHt1@DHO7I$HKD2EAHEBA8H}HtHAEL9HwAHHH:LD1D17HHuI$EyKHMI,$I]H
A
1A@8Luz@AH6IHuIAI@HHBH}H9*MiDzID
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BDIfM)ffLN\HE1fAoIIL9fofhf`fofafiffofifafffwfoMIfsfLfofsff~D M9tfD:HD H9w6HL)HHAE@HgEyBAD1I$XH
yA9A
MRGD1I$ *f.H
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L8.
$AUATIUSHIH8HHHt|HHL$HTHt(H|$ HD$ |$H
1As
GH9]tH1H8H[]A\A]fLD$HHLD$t@IHLHTHt(H|$ HD$ 0ul|$sH
A
H`afH
iAf
3f.ffD$(H5%xHcEmHIHT$(CHt7Ht$ >uHtHHHt$ HT$(HcLHD$(HD$ H{H5lHD$(HLktH]HD$
I$f.D$(H5uxHclHIPAH
AAA
WfHHVt.H
AF
1HfDHcHHv1Ht%HXHtwDFHL HteDFHL HtSDFHL HtADFHL Ht/DFHL HtDFHL HuNHH HtyHHH-H
ABC
1HH
A
1HxcHfDHH9hH
~A
1zDt10DH
AA
DSD7f.HHGx@HL$HHA@IHI)HHHuD)[HfDHL$HHHQIHI)HHHRuGffffff.HHF%HcHHNHH7H'HHAH
HqHH HqHH HqHH HqHH HqHH HQHH fDH
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D$;D$DHHHH
AeC
1HHHGHL$HAfIHI)HHHuD)HfD[ff.1Ht)HHH|$(tHD$Hf.fDHffffff.AUATIUSIHHFHLeLPHHE1Ct/LHE]HH[]A

\A]H
yAA
I9tH"H1[H]A\A]fLHSMG@&HHH
A:
HH[]A\A]HuL-DSHGu@HHH3HtZCtHHDbHDH[H
iA
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9Ai
HDJHDHHV
t.H
AF
1HfDHcHHv1Ht%HXHtwDFHL HteDFHL HtSDFHL HtADFHL Ht/DFHL HtDFHL HuNHH HtyHHH-H
ABC
1HH
A
1HxcHfDHH9hH
nA
1zDt10DH
1A
DCD7f.HHG
x@HL$HHA@IHI)HHHuD)KHfDHL$HHHQIHI)HHHRuG
ffffff.kff.1Ht@G
u.?+HHH|$#tHD$HDHHfffff.AUATIUSIHHF
HLULPHHE13t/LHE]HH[]A\A]H
iAA
I9tHH1[H]A\A]fL8SMG@
HHH
A:
HH[]A\A]HuL-DSHG
u@HHH3HtZCtHHDRHDH[H
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HD$:HD$AUATUSHHHHAAHtO<HHH
Age
1H[]A\A]@HEDTDH
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BAAM)ffLfMHN\E1fAoIIL9fofhf`fofifaffofifafffwfoMIfsfMfofsff~ M9tFID
L9wH;H%@@tALDHqHA/HALAHH~HIBLQL9H=DZHD@
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zDfI)ffMfLT2MIE1fAoIIM9fofhf`fofafiffofifafffwfoMIfsfLfofsff~D M9tfD:HD
H9wtzA8SHcHHH)HwLD<AHHHLfDD2D1D1HHuHDtxT HH HtfT$
HH HtTT$HH HtBT$HH Ht0T$
HH HtT$HH HuT$HH HH[]A\A]A>2@T$DAfH
A
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YA
of.Ae1AAMA;A01A#AA
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e[ff.SLT$IB@LIIHIM)@0MAH@uAM)tkuHvyA E1M)HDtEDM)DL)@Lf.DE1ED@4HHu[fDHt[ftAv!A
AM)ufME1hHMAUItHAHL)HFHIBAM)L9HDQHD
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AHDd
ADHfH)ffHL\1H1fAoHIH9fofhf`fofafiffofifafffwfoHHfsfHfofsff~D H9tf.4H I9wAEAAML,"1E1

H@8HHHH@xHfDHHHH@xHPHHPHfSHHH;<tHH[SHH1t[@AUATAUSHIHHHLFuntHHAHEtHHHHEt$HwI
]H[]A\A]@HufDsHHHDsDSXH
HHHE?fAWAVMAUATAUSHHhH|$(LL$uHpyAM(LD~St+ADD$fDADD$|EyHD$@EID$HDHcDIA)HT$D
LnyH
AUz
D$.DH
A_z
gDDHh[]A\A]A^A_@DdHtH~HcD$H9H$~HcD$H;$HD$@EEIHD$
\AAIHHT$@AHHFAA}AtLHLEAtLHELEAtHvIME"FAAIE1HT$@dDD\$HTHLuLD\$HTHHLLDFD\$HT
HL5HTHLD\$H L@H@LEfAAIfHHT$@AHT$
DLlHT$@A)HIHAjA^AD$HD$(HL8MfIH5ND$A9IGAD$AGWAAAwd$L5cD$xHcH5bXNHHD$8
Lcl$EIGE/B(MLl$87HD$@HD$&fA)HLHH|$@AvEmHT$DHjyTAA|AAMAIEAAID$T@H
IAs|z
/DfAD
DE}AHLfH|$@AyEh}AHLH|$@AE@d$L5eD$xHcfD|$WHI8HD$(A9D$L8DHLAH
2Az
DMADLl$8H\fDH9H}LH|$@AlAEmHD$@EID$HD$&@HT$@A)1HIkD$EtHT$DL~hyD$xHcL5I@AD$
DD$E1D$L5xHcqADADID$LlEA1IfHT$@kD$M9uHD$2H
nAAz
TD$H
@AJz
&DfADID$LlIAV1HT$@NjD$M9uAD$ADIDLlDA1IHT$@iD$M9u<HD$@HD$HcHA)HT$DHsfy|$tLAH
Akz
H\$@H$Hu8#
H1H5H1&D$JH
Adz
H\$@HL$H8#
H1XH5H1DDAHE1jbHAUATUS1HHtlHteIwH1MtItDI$HtNSH|$E11HD$bHcSHsH|$0yLckLl$M,$H[]A\A]fD
H5Hc"\GHIHD$t+SH|$1E1HcSHsH|$xH
]A#A
1yfff.AWAVAUATUS1HhH<tDg0D${LbB t .cHcD$E1D$8D$HHHHD$(HHD$0HD$@HD$
HD$E1E1nfDHI9MLLQ
L<sLHc&AIA\$.%E\EuCKHL4P\$<D$H<$[9D$A&HT$HH<$H4HcT$HH|QHHHHPH9uD$DHHL$HLH. H
AWd
HL$ H9L$tH|$H5fDL1Hh[]A\A]A^A_HIKDHHT$CkHT$0D$H
rAIzd
E1zD$|$-I'v'H

0Axd
Lt$(ErHt$DITHMufH
ANd
E1lEtLCp$I2);L$8D$Dq\$<M~ALLt$@ADHI9tLHu$@H
Add
fH|HD H9tH5L$\BL$A H5L$<HcD$8iBHHDL</fHt$0L~fDD$HD$@E1HD$ HD$0D$
E1LkH|HD H9t=H5!Al$H
Akd
l$D1(fAWAVAUATIUSHXHtZH~HtPIHPLOvbH5
L1SHsLfH5^"L|1HX[]A\A]A^A_fLLS1DxH5Ic@HIt6HDHLL1M9tH5L\@H
AA~
dUffffff.H5HS(fAHt@ HDH
YAUA{
HDHDHSG HuTu u[fHH5o[?H{H5js?C HCCtH?H5dD?H{H5e/?C
HCHmfffff.AWAVAUATUSH8HHBH=w}L&HMtrA|HxgIHADLdTD 0%tl!MIt
I}MeH]H8L[]A\A]A^A_f.AH

E1lf.L8HD)A9MtMeMtAD$
uHIIL$LuLcID$HtA9\$}?H57H3AD$=H54L=HHtUAL$ LLHQoMMID$A\$IIDtMeLuD9uGAH
AIA
OMtM9etLLE1xATUISHIH HH\$HLHTHtHHD;ug|$u0HT$HLHt HT$HUH []A\ftH
A
H 1[]A\@ffHHHLL~D$|$ H|$$Ht$(T$$D$0
)D$-HHff.ff.kNHAWAVAUATE1USHL$7E1AH1L9t-
@H'EDEE}@uEuEuH[]A\A]A^A_fDf.1tfD7@uHW~B:uzuzuFHLH8usxumxugHH9uSH
fDHOHJHH9HpI7HC[fD1ffff.HAWAV1AUATUSHXDLvEAHHA.IE)6D<@<
@t<
AEHcO(C7ID9}<A<uHc.O~LHQ*~UDC71ID9|t'HH,*HX[]A\A]A^A_DHX[]A\A]A^A_@HX1[]A\A]A^A_1AW
AVAUATIUSHHHH|HL(LDLL
HHID4oM~HE1EMLE}qI*Ht?twwHIG2I?}HIPAZ1H|HDH5HcOHe8H|$
I^H5D$4HQHHD$98MIHHt$8H|$Ll$8HD$1HLtHLLoH
XA_
D$4~6@H
)AKD
~HD$1E1E1LHHLn8Ht$HLo8D$4HH[]A\A]A^A_A+DHL$
HT$4LLCt$L|$(H5wbI6D$4MwE1AIGHD$HHIGCfuIGfDA%H
AHAAtb}qH{Ht?t~uiuHHCH;N}HHHt{AAAuD}qI}Ht?tutHIEBI}}HIEt)@fDAEH
A@H
ftHCfDH
ATA
D$4/|f.;tIE;fffff.AWAVIAUATIUSLLHMHHHTHD0HD$8,HHD$,HHIH@AH
HHHlILD$LLLH5<Ht$0LL?\LLcZH5LcLLt$84HL$0IHHHT$8MHHF H}H5=3HD$8LmE1EHEHHHE4f.H
A
E1E1E1fzH|$0HL4HLL4D$8HH[]A\A]A^A_HcEE1E1E1HD$8@H|$IFH|Th(T$H|$,(&PIFH@HEAMt(|$,DD$
wDD$1HLDBwDD$L|DDM6|$,ADD$1HLDwH
AA
HD$8&yAH
fH

qA
E1xE1n@HD$8AH
2D2H
!A
HD$8xAH
fAWAVMAUATIUSHIIHLLHLLt_HT$P11MHHx>D$tIMLLLHDHmDH[]A\A]A^A_f.H
AA}A
wH1[]A\A]A^A_HtS
9[ff.Ht+HcSHHHcH9[f.AWAVAUATIUSHH@HcZH|DGAA Ab
HcELMAD$$D$HLHDf%I9fD$DE1Ll$8EHl$@fD$D$$EMDMHD
HDXHD0HD$`HD$(\$M9EAAAAIHL$XI9T$
H9HHf\$xH=Hc4G!afH\fAI9.EDt$|$EHl$@Ll$8`HDDHt1H=HaH?fDDDH[]A\A]A^A_fCH4t$$AtL$$t$$@
AHcELMAHD$HLAHrAH
@A
^tD$9AhHD$HJH=H_HA&]LmL5Ld$`L|$HcLL9uf.IL9AELLAAD$aT$`_HbEWHT$0t$HLI>)D$HHHL$XII9Gf
|$@T$ E9H|$RHLAf\$D$RfH=<4W!@a|$ffE@|$wHIRHL$IHtAHcLI^DH9MHL$H= "^H(AD$D$Kf.A$IfHL$X
fDAIHLXDH|DHcEHmAD$HLd AuD$H<DIfD$D$$L9D$ HDXHD0\$L9EALAA8AIHL$XM9aD$
oH9HH f\$L$R% H5>Hc<F!a u'HL$H=\HfHL$H|$Rg\HmDM9|$\HL$H=)\H/2f.H|$(H1
AI9ft$fEf@t$Dfh<\AA8D$S{H5<V!@adt$ffE@tAADTJH=4W!@a3t$ffE@t$AAD$UH=J4W!@at$ffE@t$AA-
D$V H5<V!@a t$ffE@tAADWH=f#Wa|$fEf@|$fH|$(H1fDAELd$`1Hl$hLD$`eH5HcH&HHH
^AA}
|mD$WHcELMAD$$ D$HLHf.]\$fD$HdH
A
lD$fIfDH|$(Hh1fDHt$XLHl$XdH5W"HP%CS(H=4W!@at$fEf@t$AAD$SH=Z4W!@a|$fEf@|$AA?D$TH=4W!
@a|$fEf@|$AAD$UhH5<V!@aQt$fEf@tAADV+H=U4W!@a|$fEf@|$AA:D$WH5f#Vat$ffE@t$SfDH|$(H1D\
$L@D\$LtfifDEDlHHT0LDB@DHL$X)HI|$HM9f|$@ED$
Ll$RHLCf\$f\$$LMlHD$`fHD$@HD$Qf|$Lft$8HD$(xfDH5|$$f#<Fatmu|HL$H=THHL$H|$(THHL9fD$8L$Qzf\
HL$H|$(~THtAIfHL$X?AIHL$X&fDH\$`H1H=HL$
HTH
D$HZH|$@H1HL$H|$@SHfH\fHL$H=_fSHlH\$`H&1HUHL$HSH$f(<\f/<\f><\H\$`Hh1HHL$HnRHtf<\fy<\ff|$
LmHL$H=QHf.H|$(H1D\$LD\$L]H|$(Hi1D\$LD\$LH|$(H:1D\$LrD\$LH|$(H1D\$LCD\$LfVff~ffH|$(H_1D\$LD\
$LmH|$(H01D\$LhD\$LH|$(H1D\$L9D\$LH|$(H1D\$L
D\$LH|$(H1D\$LD\$L
ELl$`1Hl$hLD$`[H5LcLLHHHt$XLIHl$X[I9L5\$Ll$RILMLd$ALLDSTRNHtH5"HDIM9u\$Xfffff.AWAVAU
ATIUSHH@HcZH|D'AA A" HcELMAD$$D$HLHDf%I9fD$tDE1Ll$8EHl$@fD$D$$MDMHD
HDXHD0HD$`HD$(\$M9EAAAAIHLXI9T$
H9H\Hf\$xH5Hc<F!aWfH\AI9.fEDt$|$Ll$8Hl$@;HDDHt,H5kHp
DDH[]A\A]A^A_fCH<|$$AtL$$t$$@AHcELMAHD$HLAHBAH
A
.`D$9AxHD$HH5~H^
A]LmL5~Ld$`L|$HcLL9usIL9fAELLAAD$aT$`xfDEgHT$0t$HL5N)D$HHHL$XII9df|$@T$
EVH|$RHk8Af\$D$RfkH5~<V!@a|$ffE@|$cHIf>IHD$Ht6DLHA9bH|$H5
CADDvDA$IfHL$X:fDAIHLX!DH|DHcEHmAD$HLd AuD$H\DIfD$D$$L9D$
HDXHD0\$L9EA<AAXAIHL$XM9QD$ _H9%HHc f\$L$R
H=.|Hc4G!au'H|$H5v{!H|$Ht$RM9|$H|$H5]`H|$(Hz1
AI9f|$fEf@|$Dfh<\AAuD$S[H=z4W!@aD|$ffE@|AADT*H5z<V!@at$ffE@t$AAD$UH5Jz<V!@a|$ffE@|$AA
jD$VH=y4W!@a|$ffE@|AADWH5yf#Vat$fEf@t$fH|$(Hx1fDAELd$`1Hl$hLD$`QH5xHcHHHH
^xAA}

|YD$HcELMAD$$ D$HLHf.]E\$AfD$HH
wA
XD$ffDH|$(Hhw1fDHt$XLHl$XPH5Ww"HPC(H5w<V!@at$fEf@t$AAD$SH=Zw4W!@avt$fEf@t$AA|D$TeH
5w<V!@aN|$fEf@|$AA%D$U(H5v<V!@a|$fEf@|AADVH5Uv<V!@a|$fEf@|$AAwD$WH=uf#Wat$ffE@t$Sf
DH|$(Hu1D\$L@D\$Ltf)fDE'DlHHT0LDB,
DHL$X)HI|$HM9f|$@ED$
Ll$RHL/'f\$f\$$LMlHD$`fHD$@HD$Qf|$Lft$8HD$(lfDH5t|$$f#<Fat]ulH|$H5s4Ht$(H|$HL9zD$8L$Qyf\gHt$(H
|$3tfAIfHL$X_AIHL$XFfDH\$`Hs1HMH|$
H
RDD$HH|$@Hr1Ht$@H|$dfDfH\,f!H|$H5orDH\$`H>r1HmH|$HrDf<\f<\f<\.H\$`Hq1HH|$H35Df<\'f<\Off|$LH|$
H5qU9H|$(Hp1D\$LD\$LH|$(Hp1D\$LD\$LH|$(Hzp1D\$LD\$LH|$(HKp1D\$LD\$Lff2fff8H|$(Ho1D\$LD\$LH|$
(Hpo1D\$LD\$LH|$(HAo1D\$LyD\$LH|$(Ho1D\$LJD\$L%H|$(Hn1D\$LD\$LMELl$`1Hl$hLD$`HH5nLcLLHH
>Ht$XLIHl$XGI9'L5n\$Ll$RILMLd$ALLDSTRtH5%n"H
[IM9u\$fDAWAVAUATUSHHHHtHLHxHtHHtCL-E1LHHufD1%H=
H=cH=uHAm\$DD$4D$xHD$`H!HD$hLt$H|$L%HHHlT$0HR HDHD$PD%`D$LLD$@HHT$
HD$(LH$HTpHL8E1AHD$XDDt$@H|$D)_IAt8L>D9HtDt$4Ht$`HDA9\$4LLA LI
LHAD=`ty=@ET$|$ HH5"1HNAT$0Ht$PH/9D$0D|$0DHD$EHu@H|$8HDH$HIL9l$(t(H|$
H|$DI2H[]A\A]A^A_DHjD$4DxDDHD$`HjHD$hAD9HD$+HDt$xHt$hHD2A9D$D\$xt3D|$DE1DH5tHAE9u
\$DLL|$XPLVAI!tHt$XDIGLDI1A)Ht8DHL$HqA9L$H,A9H|$pDA9H|$pD)~MHtHE1Ll$H\$|ADDH5tHA9uD\$|
Ll$HHDHHD$H3*
AHt$H\$x\$DE1cDXHHD$H)AHt$HfH=HYD$4D$xDDHD`HJ"HD$h@HNhD$4D$xD$DHD$`HQ"HD$hAW
AVAUATUSHHHHt$ HL$I1]aHHLH/H
DHLHHL4L9uND$X\$tE1D|$XAE9H=wHZ4HtH[]A\A]A^A_HxItIHtDE1L-
+fDAD9HL3HufD1%H=H=H=cHf\$XHHDpHDxH?!DtHLt$H|$ L%HHHHHHT$8HH(fT$HH
HDHD$`D%`D$LLD$LHHT$(HD$0LH$HHLPE1AHDhjtLH|$
D)IAt@LfD9Ht&L$H|$xHL[2L9\$pL&LALI0LHDAD=`=@FE=T$i|$
HH="1H1HgE1HT$8H|$`H1H9D$8:D|$HDHD$EHu@H|$PHDHT$HnIL9l$0H|$(H|$
DI@HdHHDpDtHD$xHcD$XH$`\$t\$XuLL|$hPLMAI!%tL\$hDIPLDIE1M)EHLD$@tNIcHLDT$\>0LD$@
DT$\EI9E9oH$`fDE9qH$bE)EHwE1D|$@\$\EDA9DH=H/H=D@HHD$@#A
IAL\$@DE1DHHD$@[#AIAL\$@DH=HHHDpDtHD$xH8D"D$XH$T@HaH$HDpDtHDxH"DXHE\
$\D|$@DHHD$`fDHHHfHHH2fSH0HHD$HD$tlHcFwcH\atKHHvHH|$A
HDDHD$ xHDHDH0[fHH+D+ff.G u
H5aOffffff.H=!gLHgLHH=aHHux1HDH=aHuHHH=caHtuH=Ma HtjH=;HtbfDHxHt$1HHD$8i6f.HN@
@fDSH0<$H=LHHtH"y-LVH5`H(=H0[H=yL)H0[fff.AUATAUSHHAHHDHDHDHD]HtP@
L@t6HpLHDDHHZY~LHH[]A\A]fDL#dLLdLDDHHA(1fff.AWAVAAUATIUSIILHH={LDHHt@ umH5_(H
H=9LHHD$L#HL$HoCAHCHAHC HHHA MxLcMxLkMtLsHtHHk H[]A\A]A^A_fDH=Id'HHLH
=^AA
=H1[]A\A]A^A_fHD9HA HAHAHLfDH5]HTfH
]AA
_=ff.H=LHtH5HL&DH
XL@HWL@H=WL@H5WL@AWAVAUATUSHxF&t1Hx[]A\A]A^A_HFD$$DD%HDHL
D>fH^HD$`D9H\$)D$0)D$@)D$PL%-
aLk11Ht$H|$(9l$A}u|$tG@Zw.AUCD9DrA}KAECA94PNHD$LlaP1HcA9LaA9wIcLL$4@I9lHLHc<HD$x@
ZD$ UGJ1@-DD$CD9-H|$(+Ll$HcE1D|$
lDtDd$$IMLl$AADqAGCH5Q`LH1A}H9H5_99l$xD9~ID9A?jTDL$8|$@H5<_Hc;H^DDDL<DAlAEQQA
AA)A)EkdiE)9EtEEDL$Lgfff<)EQBAHDHAB))$IL)))L$H@kdlL$DfDL$0w1t$@d@t[L$DRf.HFD$$DD%HD
$H\$
@42LL$DfDDD$DQAElDEAD)iA9uJD9@L$<t$LAkQ)DkdD)A[AD)kdA9tE1AAA1@A@.JT$

kA9LcLd$@IA9wA<$u9\A<$@ZfDD9;HL$(H*foD$0HT$`foD$@HQ0AfoD$PA
DT$LLcLl$D|$L%p\L5)\l$MdAADiAGCLLHHD$xHA9A9{I;l$$NA?uTDt$D|$
ET$H|$01AHcD|iDk<L$vfATIUSHtt$Ht
1HB9[1]A\F2cwH1H6tAD$kH{E$ETAtEL$D@AL$QHASARV)kd)HR[1H
H[]A\fDF12c@HY7HH*1H5DHlHZASARVAUATIUSIHXHt$H|$Ht$HtEHu&Mu!HLyHX[]A\A]fDLHu1H
ZAF
31ff.11WGtt1;nUSHHH/tH[]HHH[]mATUISHHH`H7H$H\$HD$D$ftJMtm|$tvHL1I5@H|$H9tH5YH`[]A\DHD$u
H`1[]A\fH|$ HtD$42ci$H5%YPHcHHDtHc$HsHD$"USHHHtHH7H[]Hl$HfHC0HHCC
qHH[]USHHHHHtHHt#H;HHtHHH[]@H1HH[]f.1fff.AVAUIATUISHHHHH
uH1[]A\A]A^f.Lt$@HLtLHLLKH[]A\A]A^fffff.AWAVAUATIUSHHHHHcHCK|ZHtxH
<"HcT$HVHQH5VL1HD$$lPD$PDL$$1DD$(L$,CH @HH[]A\A]A^A_t+H
VfH5VLz~
x.H^VE11HcL$HHUPD$$H5VL1lHPSAUD$(PDL$41DD$8L$<H0@EfDE11H!Dx.udHXE1LsAAIAE9~A>zuE
HU9H!-HXAE11ffffff.USHH\$ Ht$HtqHl$`H|$HOHtZHt$H|$HHtAT$~H[]f.L$1
H[]DfUSHHHHHtHHxHHH[]HHHH|Htt3T$~HL$1
Hf.HtDE@USHHHH|$tH|$11H|$tHoH[]@HGH[]ff.SHHHt"tt1Ht$0HtHt$HHiH[fDHHtHH;H[H1[HtSHtN;uHt;tt!
HvH1@HvHsG+Ff1DfATHUSHHH1hHtdHIt<H]HtLHH[]A\$HHtH]D#HHuL19 1fff.Ht>uHFHt
HHBif1~t
1ff.H1fDUSHHHH(D$4H\$HHHDtHtHHO-H([]AUATIUSIHXHt$H|$Ht$jHt>Hu&Mu!HL
HX[]A\A]fDLHKu111USHH\$
Ht$HHtnHl$`H|$HHtWHt$H|$HHt>T$~H[]L$1 H[]Df~t
11~xH
AAAAAA;MwDGDDWDDODO@HH?%@?H H LHH LH%H DH HfDw<6?H HG@w@% H?HcH
HA3fD$wDGDu}DODumO@u^HH?%HH%H H LHH DH Hf.~pwuDGDuO@uH?%H H DH Hffffff.HtkHw
DHHHHH?H?WGfHv9Hv+HvHv1Hf.?H?HW@HvgHHHHH?GHH?GH?H?WGfDHHHH?GH?H?WG@~cHHH
H?GHH?GHH?GH?H?WGDAWAVAUATIUSIHH(HLDHHH;HX
HIA|$1H<$A?HcH5K7HHIHt$H<$HD$A1LHnuZHJBHLAEH
J
1#HH([]A\A]A^A_HLHBHTJHLt4ItHLHA$ALpDs[fDAD$H
IA.
"CH
IA4D
"A#H
IA
"H
sIA)
T"A9AWAVAUATUSHMHD$zIIHIMu
B\HH I?HHT$H<$ID$HHHH8MLILLHE1AHt$LLHL$HHcUHuLcMH
AA0fDAsH
#H
E1A!H|$HGLMHeHD[]A\A]A^A_AmH
GA@CH
HIts|$
IT$;AH
GXfDAy;DH
YGA
? 4f.H
)GA

A @M11LH
A^H
FA
E1f.AH
FA{fAH
FD[H
rFAg
ARhH
FFAbC
A&<HH+DHH+DH8|$H=LHt$Ht$Ht
y6H|$LH5DLHt/HH8@H=ALH8f.1fff.H=LHtH;Hf.x,HDLHcHwH=L1ffff.ATIUSD@thHHuMtHuI$H[]A\[I$H]A\
fffff.AWAVAUATIUSAHHuH\AHt[H|$DLtHHt<H|$BH|$HDHD$HHH[]A\A]A^A_HMcS~>@HuLxLA9uLLLtS
1fff.S1H#H0Ht$HHHCH{tUHuUH=LHt|D$9H
zCA0H01[DHuH
DCA1H0[H=Ht$7HHHrLHt$tD$_H=QLHaiH=:LfD1Mt=HtAHtAAHtIAHtIAHMtIQIf.HGff.HF
 HG
HF(HG(HF0HG0HF8HG8HF@HG@HFHHGHHFPHGPHHHHHFXHGXHF`HG`oVpooWpHHHHHHHHHHHH
HtGuSHHH5QA"H{H5<A#HH5(A$[ffff.AVAUIATUSH5@AIHHtUMD
HcD`HhtH5@LUHHCt4MtH5@L3HHCtH[]A\A]A^fDH1fff.US11H8H1HtkHctH[]HDDH[]fHD$Hw
HW(HO0LG8LOXHG`fHw@HWHHOPHD$HwpHWxHLLHfDHHHwhff.HHHHHHHHHHH@
b
Ht
HH=IH=m IHAWAVIAUAT,USHxHDpHLH
O
HD$0HD$@IHDpD|hHD%D|$xAGPM1~L$HD$PHHD$^M)LLHI>E1Jf.DLUHL$HxLH
H|$HALA9|AHt$PH|$
AE HHDHHCHT$PD;1D HPHD$PH5M}H50LH|$LLQ|$pu$hoHt$0Hn
HLc
|pHD0HD$8NHt$@HL$,HT$(H|$8Mc4HT$8H+T$0A)Dd$HD$@AT$p1LcHchHLHHRL,~7E1fDAuAU1AI
DHcIE(D9$hLcH5kLLHIH\$$hLtHHDHH~D@sDCLSCHD$HHHPHT$H;$h|L$pt*DD$tEuA
DFT$@H|$HDHcTHt8H|$HqHt$PL1Ll$PHH|$0H5KtH5uKL`Dl$|L$HHFMAH
TKDHcHE1H|$PH5K1H5).LH|$LLHxH[]A\A]A^A_L%!A!HHCALHH{D)H
rJA
,L%!AAA|DrH{IDLAH
IA
L%!Ap1LbHHCmH
IA|
pL%U!HHC
AAAAH
I,L; H
$IA
2DL%!A1LEHHCH
HAq
f.L%m!A
fHsH|PLd`)D$PG#H
lHAd
z)L%!H
AHA

OH5GL1.H1Of.H9$hE1Dd$E11,fDA^H
OHDHcHLt$HLLH>HSHBHD$HDzAuHSHBHHHBDD;E1EHD$1BfDHD$1*fD t$@A&;AA<$tH
FAV
A~H
FA
yH
FA]
SH
]FAx
k-H
7FAl
EH|$PxHD$1H
EAKA
LHNRAH
EA

H
EA

YH
cEAA
q
3H
=EA
K
fDAUATIUS
HIHHt$<HT$HHt_:t
Hc1HH9w=HHA4$H)9t?<Ct8~U<P<UAEH[]A\A]DHx;A4$AEH[]A\A]<AuDAE@DH
ADAh
OH1[]A\A]fH
DA
DDHT$H5B1n*17AEfffff.HAWAVAUATIUSIHH=i!LHILcH$LLHL9H
Lt
 S9uH;LLsu{u+1H[]A\A]A^A_uf1u HtI EH
)H[]A\A]A^A_DHt{ATUASH
HH HtHLHt!9tIcHH9tH 1[]A\fDHxkH9t H []A\f.1DH
BAA
D$#
D$H []A\fDH
AA
 Yf.AWAVAUATUSH(HH$IA?:#FHHD{:HHkH9uDt$D$1H
 IMcH
LIH!fII9L=L|AWA9uI?LLUuAWtXu.H$HPHXH([]A\A]A^A_fH
AHcHH
@A

H5n?L1&fHD)D$HL)A)D$Dt$AL=AHH=?HH=>H8H=>H9H=>HH$@H<$Hc)rGHHHRHJBHB
`H<$HcruHH<$Hcr"GHHHRHJBHB H<$HcQrGHHHRHBHJHB Ht$HLHTHH$8H

>A
'#H$8|HHHPt$HH9Hcl$A<,H
=A
t$1D$*FH_D$E1D$H
A=A
OKH$@6HctH4$PH@T$HH@ PT$PH@HHNH$@H$@H
e<A
soAEH
4<
HFAQH(1HLDT$t&H
;A^
HDHDH(DUSHHHHtHHHHHH[]DH
IH|pAUATIUSHPJKHLHI9t'H+LH}0uHH[]A\A]fDH1[H]A\A]HwHIKH1H~"1HtH:uzuHHfH~"1HtH:uzuHHfMA
VAUATUSH/HMPEL]@M@:M MkAA<xUE1HLH)I)I9}%H
?;A[r
AAL+D []A\A]A^fDHHcI9H
:Ae{r
[]A\A]A^E1MtA;IIIM@yHL MAHI@AtfDEHj1AMQDDD tA{t#A}uIu1HE1AUtrA}HH taA}HH tPA}HH t?A}HH
t.A}HH tA}HH tAEHH HcHMl
Zm1SHAA LKoA DMA1
f.HcNuAID1fDHI9uHcIL[AE1DfEEZuAIcADDABHAAA9tAEHHuMcMMA;AL[AL[H1fHHff.xd2tM~u)9~31tuf
.fAVAUIATUHSHcx{9]Le~:Mt5M]AtHLLHE[D]A\A]A^DsH^7LHc~HHEt5MI]AufE1HtHHcmH
7AA
E1LejHt[USHHHFHvGt*HUHUHC$H HEH[]H1[]1ffff.ATUISHHH5[6.Lc+[]A\@SH586<H3HtXH[DH
6A>A
HDHDfDHtcUSHHGt2tH[]HHH55[]L>fDHH5}5J#uDfDHtw}DfDUSHHt5HMHHt%HH:tHH[]@H1HH[]@Ht
#SHHHtCtH[ofDHc3XLH[Offffff.Hc+u/USHHHHvHnuE+CH[]DfDffff.7ffff.Gfff.HGff.HGDH"4wHHHcHAWA
VIAUATUSHAH4LDDDL(H$L.HIIDLl$pHD$XHHD$lDLLlHD$8HD$hHD$0H$HD$@HD$pHDHH
DPHL8HT$0MHt$@H|$RAAHL$HD$pH5k3LH)LcH$M)Ld$
H+HcD$HH1^~u!L$T$H5'31LLx^~HD$h|$(H52Dd$lD$,D$AD
D$HH2HDL<H$1=rHHDpHHHD[]A\A]A^A_@t$HLDL$,H2%=t'AkA@H2uH2^Ld$P1LjLH5m31Lv]BD|$lE
D$h#H0 H5c LH$HDLLEDLH5t!LethLLlpLd M)MHDpHD@T$H5M11LL\TD$hDd$l
H50D$,D$(DADDHLdpHH5s!LLL$L;l$!u MHD$p\$H9*D$PHLIIH$HLHALH+L$AWDL$8Ht$
A[ZcHD$pHL)H)L9rL$Ht$pL;$:DL$LEWD$LH50L
H$~=HD$J(T+H5
1L
[HHH;$|H5/LR|$LDLLlH$1A}H50r!LH$HDpHE11;DH5.E1;@AH$1fDoH$L#
HD$PEH5qq!LE$PHRHcP$PH9:Ht$pL5IDTLEDL}f.H$.@YHLl$pDHlXL<LMDPXHI+HL$HATDL$8
Ht$
H)HAL/Y^HT$ptH9wMIM)L$H$H5-L^H$#HD$pH5-L1bXD$LfDH5,L1E1HfH1A11AHT$
H5,L11WHHDpH5,L1WHDHtxL1HD$xHHHUHT$xHL<
t< uHH9<v<~v$PrH5n!L$PUt;POPHt$xL2H[qHNHD$Ht$xL1HD$x@HHH5] L
l}E1~/HEH5mL1iV5ESH9H/HDHtxL1HD$xHHH5u\ L}
E1~/HEH5L1UESH9AHH5*L`15D$L(H5*L51JD$LH5[
L~UHt$xL2H$1t|$LH58!L`MH5*L?~<}1CH9EHD$xH5L1TH$E1MH5 LH5!LBH5
LHHDHtxHLHD$xjHt1H53Z LCH$L+fH5(L7^f.HAE1HtHtHj1H(f.HA1HtHtHAPE1H(SHH?H5
)H{H5(HH5([fffff.HH8HHH0tHt
D1H1H)ffff.HH8HHH0tHt

D1H1H)ffff.AWAVAUATIUSHHH8Ht$,HHHD$(HH\$0AE1HD$D$$@HLpAu
H|$PA9~lH=!HuQHt$HcH{HHL$u4HL$H=!Ht?AA`EWIcE1HDf.
u"HAt
uHAAuEHt$HtH|$(DLADLDL$HuHHD$t}11HDL$E1EDL$$H|$DHD$$tH|$H5h!DL$DL$fDH|$NE1H8D[]A\
A]A^A_fDHt$H|$(At
AfH|$@HATIUSH5%oHH8@tH[6HC;@uMH5%L#_oHItw8@tH@6HC;@uH5E%(NHHt8H=H(L`HHCtH[]A\f1
MrE11H5$H2H5$L3H5$H41H[]A\1@AUATIUSIHHHH5$>cnHH8@tH@5HC;@uMH5<$LEnHIH5$J%HHtI}H
(HL`u>H5#SHH5#TLH5#UH1H[]A\A]fD1MJE1bDE111fff.Ht[SHH?H5U#3H{H5@#H{HtH5HH5#[@fffff.AWA
VAUATUSH(H|$H=NHHD$HD$ HDAH$H4$H|$-H|$|$
 t 3|$ t@
w
IHrsHE1I4o^{L{@
w
ILru@:Hkt>{H@
wIsH;$.HD$H([]A\A]A^A_A>@u/.2IA>@e@"uA~TIMGL_MtM9s$01t,AIM9A>@"uIFI9A{@@
z@
pI@;t+@(EL}*<
w
ILL@;uEA>@u+.1t,IA>@Y@"uA~HI>LfI\L9s*'0t)HL9;@"uHCI9LLHHD$H|$H7}H]@
w
ICI@=Hkt!{H@
wI@=HkuA>@u,T@0IA>@-@"uA~IMLGMtM9s,/t,AIM9A>@"uIFI9A{I@
w
IF@;L}t5@"E@(u<
w
IL@;L}uEA>@u*FfD/t,IA>@!@"uA~ILFI\L9s*.t)HL9;@"uHCI9HD$LLLMHx/}@
ILH;$
D<
p<)rEL}<
IfDA>L@u+-t(IA>@y@"uA~hItTL*IlL9s'K-
t,EHL9)}@"uHEI9ELLHHD$tnH|$HH\$H5H;{H{H5fH{HtH5VH|$H5];H|$H5HD$^@IgAGI_<
v@<)IAGI_<
wIsH;$@
<
w
ILH<"}t@
wIr_H}<"u@
IA>@HDE1HD$LLHxH;$fHH;$pfD<
<)EL}<
yIofDA>L%@"t'f+t,IA>@Y@"uA~HI>LIlL9s/'.+EHL9}@"uHEI9EDI#@E1GE1BE1{E1@HE1'DwLH;$1@HE1
MiMAHILHI1f.AWAVIAUATIUSHHHHHD$tHL<HHpLl$ L5
HHD$(HD$0LLt$
HHIlH@H_H=HH=HtH=HGH5HCHHHoLH1HLIdHH11LwLH'HHH[]A\A]A^A_DIyHN"LLLHD(HD$
LL$IyH1HpH$HT$LWH50AHEH|$rH|jHI_HHLHLt
HD$(HD$0!H'H^HPHQH=HtH=HH5`HHHk}HILLH$1HLIHH811LL?Lw~H~H|$1RLHEV~H|$ H
!An
11LNLH}H
A

1fDH
A
1H5KH|$pH5 H1H
`A
^2fH
1A
LL$*LL$H5L1IQ~H5H1mH5KH|$Of.H
A
f.H5H1H
pA
nBfH
AAn
?11LnLL|AH
IH
AA
f.H5IH1AH
H
A
H5KH|$LH
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R/H
.A
HD$'HD$H5IHP1{H5H1jH5KH|$Y@AWAVAUATIUSHHiHZyHHD$1HHH\$
@I@oH\$D$HLA~zIcE1HD%@Et
uu
HAt
uHAAuD$HLcHL|11LLH|$yH[]A\A]A^A_DuDDHLEH5S!L@EDD$E1t,DH5R!LD$D$AD9L$uD$xH5rH1:{fffff
.AUATIUSHtVIL1"HHtiHL11HH`HHxI9HuHHLjH[]A\A]f.H
AAKA
?H1[]A\A]fAWAV1AUATIUSLHALHMH4$H59HvHt|HHHD$LH4$IMLDH11LALhLL$LwH5*HH1w9HD[]A\
A]A^A_DH
QAiA
E1Lf.AWAVIAUATHUSHH-P!AHHHDHtHHP!HE@t MEA;AqAH5HH1L-
~8H5*H18HaH5HH1m8H$H5H1X8H5YHLH1A8H5HHH1*8HtHIaHHLHtIDLH11LA$LLuEH5!HH17H[]A\
A]A^A_HD$` HHD$LfoH5HH1$foL$`E1E1ffo-
fD$pfofofofofdffffdffffff)L$`)D$p6H5H16H$H5H16H5HHD$@Hl$ DLD,HD$fDLhA9OWDL\H8pmHs
Ht*H@HHt!11HL$hp)H5 HHl$ @~Lt$H5LIHH1L5H5HHH15H561HLH5HDHD8D%@@(H$Lh
MkIEH^HL$@Lt$8H\$@HDHHDPHLHL~jHt$HDL*HL$H$L
AULl$HAL9t#@LH|$HIrL9Ll$HuEv1fL5L-bH5HH1n4H5
H1]4H5k
HLH1F4H$H5a
H114H5f
LH14H5H!H|x@H5
R H:|f.A7H
AiA
1Ht$@H{H|$@H5Z 8fDAL57L-H$L5H6LIL5L-sDH5Q HL{D$,1H5j"H{D$,H5 HzH5
HzH5
HzDHLbHL$H5

IHH12H$H5
H12H5
HH11H5VHH11H5jH11H5
HHH11|HTnHIHH
LHtI11H11L~L(L`oHL$H5;
IIHH111Hl$
FfDH
AiA
DH
AL
1AUATIUSIHHH\$HHvHHDHD HHD$^HdHtHpHtvH= HD$H5H@HLtHL3pH[]A\A]f.H
A
H5HH0H1[]A\A]H
A
H1[]A\A]H
YA
WHD$H5yHP1H5HH1[]A\A]fffff.AWAVAUATE1USHHHHLHILA9DLHh,LxHHHx#L`@IA<$uH}u
H9H;uHH5VH)H{H}HHHLHHHHLoH5]aHt[ALA9H[]A\A]A^A_L1fH
AWA|
_H
A&
>H1[]A\A]A^A_H
A
H1[]A\A]A^A_ff.HH5H=6{ff.AWAVE1AUATUSHH(wHHHH$H<$fA9)DH<$D\HXLhHD$H#lALHHHDd$E1I
1Dt$IH=HH=W!HIVH=HH=%e!HuAHe9HcIH@8mSPia=xx3x)I~Ht$1IIHD$8t@H
Ac
IVMFH5H
1EH5KH6H
A#
H(1[]A\A]A^A_@xnvxlI~Ht$1IHD$8>fDHxiAH
Ac
H
H53 MH1lH5-K1^#fI~Ht$"H|$.fADLDdHLMHLDt$D}t9H5KHAH<$=A9H([]A\A]A^A_H
AmA
H5PKHEH
A
H(1[]A\A]A^A_fHH5H=AUATIUSIHHHthHHt`H{H5K|HsHCLLt^H{HtH}HH[]A\A]DkHHuH
<AA
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A!p
Ht2H}t+H1H[]A\A]H]HH[]A\A]fDH1^HH[]A\A]H
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offff.H(HcHGHHt$1HD$!vHtH(H
IA<n
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HD$H(USHHxHtHH[]HuH1[]USHHxHtHH[]HqH1[]USHHpxHtHH[]HxfH1[]HtkUSHHeH1HtBH}H5hyH5WHy
1Hd1HdH[]f.1ffff.AWAVIAUATIUSHAHdHHHwAI~3AAHCXIEN@Atg}AHt.sHtd@1H[]A\A]A^A_LkXDAoE
C(oC(AEAoEC8MtLLDHL[]A\A]A^A_q@oC8AEV@HC8HtHKXHSPHsHHDcPEHC@HD$CTDDcPA)EDcP~2

CTCTHHCHHH$uH4$DHAhHHD$HtHKXHSPHsHHCTLLfDDcPEj[fffff.ATH5USIg`1qxHtZH5wH#wHHCtBH
HLHC
CaLa[]A\H
!AxAq
H5Hlsv[]A\fff.AWAVAUATIUSHH8eaHIjtMtRxNMtIHItAA7HD$(L%D$HD$HwIcLHa1H8[]A\A]A^A_fA9oL
ANWLZf&AWHcD$I))AWA7H|IcwAWLIwfA)G:A7AGHFAW$1[)A;GAGHIGAO$1EG
H|HD(AoAfAWPIG0HD$AGTDAWP)AWPAGTAGTHIGHHT$HrTH4$H0eH$`Ht\$$EIG(HtIOXIWPIwHH
tRAGP~jA$@AGAfA`@H$_$Af.HD$HtIOXIWPIwHHAAGTwH
_HsD$xfAWAVAUATIUSHHH8THHAF^HIKqxLMtGHIt?A7HD$(H-
DHDHwHcDH@Hk^1H8[]A\A]A^A_f.E9gDLANWL9c5AWHcD$IA))AWE"A7HsfDIcwAWLIwbA)GBA7A
GH8AW$1D2D)A;GAG6IGAO$1EG
H|DHD(EgAAWPIG0HD$AGTDAWP)AWPAGTAGTHIGHHT$HoTH4HbH\Hp\$$EjIG(HtIOXIWPIwH
HtRAGP~jA@AGAfAR@H$P\$Af.HD$HtIOXIWPIwHHAAGTaH[HoD$`fHKH(HtHHL$~D$1$)D$SiH(fffff.
USHH1HH%i~H$HUHT$HH[]f.H(HtHHL$~D$1$)D$hH(fffff.USHH1HHh~H$HUHT$HH[]HATUHSIH0HH
KHSHHL$HKHB HL$HK HL$ HL$PHSH;1
sH5HcnHHD$tGHSH;Ht$HC(I$rHS H
HtCI$HH+S()EH0[]A\@H
)AA
WH01[]A\@1DHtsAUATIUSH5HHHL)I}(mH;H5IE(I$EmHH[]A\A]fD1DHATUISH1HHHSH;qH5IHctmHHD$t
BHSH;Ht$HC(HEqHC HHt>H+EA$H[]A\H
AuA
H1[]A\@1DHtKATL!USHH5HI|$(lID$(HE[]A\1ffff.AVAUATUSH0Lb
Ht$MBI|$6H5'II0?mHHTHHHLHhHIHH5PHHH5H2LtHDHLHD Ht$L
AT$~PHD$LkHLs1HHHD$HCHD$ HC dHD$H0[]A\A]A^f.HhUH5Hd$kH01[]A\A]A^DH
A<
1AVAUIATUASHIHHHHD$t{HHtsH{lHCDHW
usH
A)
Ht
H9]H1
HH[]A\A]A^f
HHDH
tHCHHtHt$DHuWHCHx@Ht$1L! HIcHg
LI2 MGHL
fDHDHItH]HH[]A\A]A^fDH1H[]A\A]A^fDH
yA<

wfH
QA
Offff.AWAVIAUAT1USHIH(HL|LHDHHHHD$HAu3H5KHDLHLDH([]A\A]A^A_@HAuL1LH5KIHMtDLA
f
LHDHDHtHT$MHtIAtRH
Am
1JHAVIAUIATAUHSHHH_
D9tDHO
tkHC
t=H
AC

uHt
H9]H1
H[]A\A]A^H
aA$
/D
HH@H
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@H{(LLqHHsH]H[]A\A]A^H{(LLHA5uH

fD1LLHHC(A,uf.1H[]A\A]A^fA=AUATIUSHAHhH1Ht+DHH)D$t(HLXH[]A\A]H(D$H[]A\A]fAUATUSH?uIH
HHt=I{H}I?9LLNHc
H[]A\A]DH
A$m
2HHH|tHD$ HT$(Ht$HT$H=XHHD$D$$L$
HD$0HHHff.AUATUSH?uqHtjHHH=HIAHHtJHtHcHEH{EMHctH{dD9IcHHNLu2
1H
Aom
(H5qHHtH[]A\A]1HMAWAVIAUATUSHH(^A?E1L-
5Ld$f.IIWLHLADD$ADD$SusAvA97K)k#9uH5HSu0KpH5D!oS""H56}
HL$8SL$uH([]A\A]A^A_fDDAWAVAUATUSHH8FHt$(HH|$L$$XDDLcDHFd5A
A
1A\IE1D$ fDA?tAIA9|N|5AAAD$Ht
}0D+L$ D$AD4D;t$~ELcl$H$AAN<)MlI=f.A A{;/x&AIH AGM9t};/yH
A{f
H
Af
H<$H5|`1H8[]A\A]A^A_fA\T$$H|$H%WDt$D$~LcFd5A
LLcBD5[Fd5A
2LcBD57Fd5@}0hH]A[Hct$E<H<$L$H
AmIcaHDL$trD|$H$DH
sAgf
H<$H5Nh|_1H$HD$(H4$D0HpH
AoAf
]H<$H5p_1i;ff.SHt[SS[E1HAWAVAUATIUSHH>E11L5ILl$
fDIDHSLLLADADNu|Aw93DE~Y)k#9uH5LNu=DEt@H5N
NAuHD[]A\A]A^A_DADfff.AWAVAUATUSHH8Ht$(HH|$L$$7TAHED$ DHHD$McA\$Fl5A
A
1A\D$HcHIfIA?uA+L$D$AD4D;t$ EHtADHc\$IHLF8 A*x%IH CM9thA?g*yH
DArg
bH<$H5s\1H8[]A\A]A^A_@N|5D
A\4T$$H|$HRADt$rH
Ag
H<$H5[H81[]A\A]A^A_fDLcBD5tFl5AD$AA
LcBD5{AFl5H<$4HHd[HtsC&H$L$ EH
A^g
H<$H5_Z1E1H$HD$(H4$D0HpH
AfAg

H<$H5lgjZ1HSHHGHtbHHtH[HxHHt$t<Y
H1HtHt$H`HD$tD$H[f.H
A
USHHHo
ttz=tSt.H
A#
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HHH[]7H
HHH[]H(
HHH[]GH
 HT@HHd@H=Hw@H5Hi@H
HS@HyHtd@H=iHw@H5YHitDSHOr;H[H
KdS@HKd@H=K$w@H5K4iH
K$S@HKc@H=Kv@H5Kh@AWAVAAUATIUSEIH(HDHHAH}NHcEIc
H5sH0HL$WHHHL$MHLH H}DH
H5KHT$HHA>tAHH\$D9HLHuS11%fA*H
A
1H5IHVHH|$w1H([]A\A]A^A_fDAH
YA2A
oDDHsAVAUAATUASIHHt8ELDH
tH[]A\A]A^DH1n@H
AWA
H
YKP@HIKDa@H=9Kdt@H5)Ktf@H
KdP@HKa@H=K$t@H5K4f@AWAVIAUATAUSAEHHHsnHHbHEMcHH
H5LHLDTH$HHAMD!OLD$LHLLH{NHcEE~6At-HHCD-
7H{1HHHE6H=`KHUHEHnHteHHH[]A\A]A^A_fAAcHHCtIcH21H
AA
H%H1kfDDHff.AWAVAAUATMUSHH(tHDL$F
AgHH+LhD5IEHIE HB
t!MH9B
H|$HcL\G%
HILD$E111HHd5
\IuLF
|$LA%
A%H;L$H4$E|$DHHtNHHtA4H=KHUHEHlHtHSH(H[]A\A]A^A_1H
AA
E1Lb$
H
H1fDA
H|$E11HL$1L|3
_D$fHC
A1ofH
!A5l
1E119H
ARr
1AE1bH
KK@HK$\@H=KDo@H5KTa@AWAVAUATUSHH8HHtLDLL$jj1j$1LD$(LL$0AI11-

H
A:H
bHB
A7HHLxD2IHIGzH?
t!MH?
H|$ HcL-"
HI<LD$ E111HH52
IwLC
LE1!
A%H;McHH@ML|$H}DDDLXMH}Ht$H}Ht$H}Ht$pMHIQ1H=KITIHiHHL#HH
1H=KHUHEHhHHrH8H[]A\A]A^A_HHE tLHCE1H
&AA
H1*LHH
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E1wHH1L

FH@
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AAl
1E11fD<
H|$
bDHEDHxh
E11BfH
A4C
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1]AWAVIAUATAUSIHHh;
HH=yKHYgHHtqL>
Hs HcHH|$?tH9l$ H
1A{E1Ht;H|$ Hj,H
ArE1|HHhD[]A\A]A^A_fHsH|$u^H
AE1*iDH
qA1E1yDHsH|$2tHsH|$ zjj1jt$ 1LL$0LD$811
H MHIcLHcHPUL|$(AWjt$ LL$0LD$8~
H AD$E1L11L-
AtDHH@HtHHc0HxHf.H
KD@HKdU@H=Kh@H5yKZ@AVAUMATUASHHMHxH?HctJH{LDH
t4Mt,H{T$@LD$D$H[]A\A]A^D1H[]A\A]A^fAUATIUSIHLHHt
I@HHMtH{H{I$AEHtHCHEH[]A\A]ffffff.HGff.HHCHHAUATIUSH5o!HH
_!H1HFH{tOA!HsHE1<HH{t&3LtEuH5^!Hd<fH5!HQ<H[]A\A]ATUSHnHt<IH"fDLHvtHHkHtH{Lvu[]A\D[]A\
fffff.USHHHHz1xHtH1H[]AWAVAUATUSHHHL$IHE1ILzfIL9LIHHHH)I9u-MtH5=
!H;~It$Hq?t4CT5H$]!H
M9H5dHHD1QyH1[]A\A]A^A_H5
!H6H[]A\A]A^A_DHAAWAVL=\!AUATL5&!USEHHHH(I!DHMD>AuH(D[]A\A]A^A_fHxudHD$x@DL$vHF
L
H;HH5nMATLLL1H8E1ZAYD@H511LHE1AZfDHDL$PH5HIHHHD$DHIDL$A>-H
H5!HD$LHDL$IE1LDDL~GMhHLSLD$AxyMAL$HcLHLD$)LD$E1AHt$HW[LDL$}EDL$_AVAU1ATUIS
HH5SHHH|$111L

|H|$0*H1H5$L1HH85wHHIL1Hg{
Hu
HH@H{)HH5
1L5HCD(HhE~}1A98+UD9tLH
hH5L1HA9uH5LK3fH
mY!H5L1H5@!L3H[]A\A]A^f&H&HHPH5L1KfDH5L1/AWAVIAUATMUSIIIMHHI,HDHl8H6;HCSHD$
0CD$,CD$(HcCHHD$8$7$9D$(EFHtH
^Ajh
d1HH[]A\A]A^A_LDLHT$(HL$Ht$0HL$,H|$8DL$pCD$,HL$8Ht$0LT$CD$(H)HsL\$KDL$C%HcHH;$H
AVh
DD3D$9D$,Ht
HL$8tH$HH)H)H|$0MtAMt AMt HD$0IEMtD$,AMtD$(AI$HH[]A\A]A^A_f.H
A^fh
HH1[]A\A]A^A_LDLHT$(HL$Ht$0HL$,H|$8DL$LT$L\$DL$H
HA^fh
N1ffff.AWAVIAUATIUSIIMH8I)HHl(H;HCHcKSHD$ CHHL$(D$CD$"tH|$pHH)H)H|$ MtAMt AMt HD$
IMtDAMtD$AEI H8[]A\A]A^A_@L$LDpHLHTHt H|$(LL$yCDHL(H|$
LCDHH{LL$H)Cs%HcHH9t$p
H
AVh
$$CfDH
yA^fh
H81[]A\A]A^A_LLDpHTHLHt$
 H|$(LL$uHL$(L$LL$fH
A^fh
1AWAVAUATUSHXH.HH|HtD$+Hl$8HDHLt4Ll$0Ld$@HEH$HtJ}uD}u>|$+HUHT$8JHD$AHHXD[]A\
A]A^A_f.H<$ILLLHl$HAA>HT$HL\$@ HT$8tSAH|$Ht$8EGLAoHT$8HH)H)HH@MtH|$L\$
DT$,HcJ4HT$`HHT$L\$ HDHt8L\$HxHLmHT$8L\$LHHT$8H)H)HzfD|$+H
A
j
E1@HIH)I)H
A^fh
H
A:j
E12fDH
qAA
wDT$,DH
AAj
DCDf.H
 Aj
E1HAWfAVAUATUSHHDHD$;HD$`HD$h)D$pIIHIEE9HAD$<ApMHLL$HLL$Xz;HSCHT$PSTDST@H
cSLHT$XED;d$@E` HtH
Ajh
AH
:l
1H[]A\A]A^A_ADD$<E1fHL$DHT$@Ht$PH|$XIDT$D\$LL$|T$DLLHLPCD\$ST$@HKDT$SHT$XL)SHcH
H9H
AVh

~fDEx1H
Al
~DAEH
rA~l
x~D;\$DVHtDLd$X#Hl$PL$< Ld$HQvMtHv
H
Al
}1(f7?@M;LL)HLHl$HIE LT$XHFH@(H9MLD$;LLT$;t
HD$HIH|$hH57D$6D$H
A^fh
}:H
A}l
|1.HLDHT@Ht$PH|$XIDT$D\$LLzLLD\$DT${H
wA^fh
}|I,HMHD$H@E11I}
GH5HHcHDLL)H)f.IDTHTXD\$Ht$<HE111HD$PSjULL$hH AD\$DT$|$X:D$<-
HHHDDLT(HDHD@HDHDPHDHDXHD$ Ht7A<$u0A|$u(I;LT$(LLd$HL$<L)`fHt$HLIHTH|$
Ld$X?xumHT$XHL$PkjHL)IH)H]H
A
zT$;1DH
QA^fh
WzAH
*:H\$`@Ht$HE1HD$;H/ET$;DHt$XHcLHT$;mDIMT$;KBID$4@Ht$XHcLL$Ht?IL$B%
BfHt$XHcLHhLhqHHET$;18H
A2j
x@M.MkAM|$;4I}H5r1HD$XA]IEHD$HIH
iAl
ox1HM&MA9$t1LL$JLLMtDHHL)H)H1@Dd$<efDH4HD$XAT$;ZHT$`HHrHT$UHHT$HDhLThL$<Ht$
XLxH
YAxA
_wL{IL$RoHIIL$;H
A\
wH
A*
vH
Aa
vVH
uAAl
{vT$;1HyHItNIH
1t$:A
3vT$;D$1>nT$;1H
AhA
ufff.1wHHcHfAWAV1AUATUSHHH4$EHIHIDML&AA9MLIL$dA?HHHHIDTLLxr$H$AGALLDTA
W$IOAWH$L)AWuHcHH9f8ED;$@MtAH
xAjh
~tAH
Q:
]t1H[]A\A]A^A_fHLtLH@AVHHLxH$HE11HD$0AWIUARRS1H0.ZI]H$Hu(HXIv

HH$|=HT]IEHL$$MDHLl$L|$HD$ HD${HD$@HDzHDHfIH$}}|$xHEH$H
AH
r1PIWAGHAWAW$IcWLH$fDIN H$HEFE$HLPAWU3H rHHHDD;$AMt
AfH$@H$ AuaH
Ax
q1>fH
iA^fh
oqAfDIHHtLLAAIN H$M HEFH$LPAWjH AjR HtH$HH)H)AiH}}HH$H(+fDAApE1cHE1A$HLPAWU=H
$AsH
:

pDHHHHIDTLLmLLDT$H
A^fh
ofDHL)H)f(AVHHH$HE11HD$AWjAQIRS1H0A)^IEH$HH\$Hl$HH&f.H8TIv
HH$8HXH\$Hl$IEHWH$H$HH\$H\$Hl$ DdHHL.A<$#A|$$MH\$MzDdHl L$
HLHHLGAjfH$E1t$AjHHt$8LHAW AXAYbH$H)H)HDH$H8cRL$Mz|$xaH
XAa
^m1I^ H$E1L$L{ H$MtMo|$;H
:HcHDHHTyHt$|HE11t$ j1ATLL$@H |$yH
Ax
lfHS0H5'1H
BAT:
HlIv H$61MH$1IHD$0HHAH$HLeHSLcxHH9qHHH
E1LMIHLIH|$0L\$8gHHD$XA|$LWLL$(HH$Ht$0^_dLIHLMI}HSI9H
A x
kfDHKH$HHE1L\$HSLL$(Ht$8
A]A_HHHt$
j1jj1ATLLPLDpHL$xXH0LM
AGH$H+$D$PI)L$|${H$?Mt H$1HHAHSHCAL$HHD$8@ Hl$0Ll$XLMLd$8DHI(HH9I$t1LLeHItHLeLH3HSH
IAx
Oif.H$HIN $E1AHHPAWj H H$I}ML+LMH$HCDd$H\$Hl$ LLzD$A)ZfH
YAdx
_hf.HH
Aw
&h1H
AVh
gApfDH
A
g1eHE1A$HLPAWjH AsH
c:
ogA@DzDPfAAE1A"H
:x
gf.AA[H
AfH
A<A
f1MOIE&|$|HCH
XAx
^fH

2A.x
8ft$8H|$0Hb_Mt1HHt$0AH$H$+HCHHl$0LlXHD86H$E1Hl$`LlhLtXHD$0uHCE1HL9tEEAHLHD$PLL$(
Ht$0ZY3ML+$L$EgHD$8(IL9{Lt$0Ht$8LEaHIHLaH$HHHL$8A>.A~#MHl$`Ll$hI|$zDLt$XLxHDzH$|$PH$
H
UAx
[dfDLHU.HD$0H|$0H6HSLcKt$jHHt$8LE1AH[A\HUCHI(D$8H93LIHLMIH|$PL-H
A:x
cMIT$LC0H
%H5&1HL|$0M$LLU_LHJ-HLj\HSLcOH
AT:
bIv H$,wH$HH5A3A[H
AGHtjDHE1Ht$8HHAZA[KIEH
3A<A
9bALt$X|$zHl$`DLl$hLt$XHcH9CLxfHl$PLlXHl8Ld$0.HLH(]LH+LIH;CHL]HIuH
eAyx
IhaH
<A}x
BaMLtXHl`Ll$hDLt$X|$z}H$~H$8uxuHH$NH
Aa
`OD$8E1yH$HD$01wHl$PLlXHH$HH|$0H);[M=RH
.AH
4`H
AUx
`fAWAV1AUATUSHXHLi HT$8D$HD$HMHIIHD$t IEHD$$XnA?AHHcHt$
LHXH|$t1LHHD$HDHIHX[]A\A]A^A_H
Ax
_IW0H51h}HX1[]A\A]A^A_IHTAHt$DHE111HD$PjtPLL$h{H
Ay|$AEAH
^Ax
d^PE$LAVLHT$HHAU AXAYH|$t1LHHD$H}ILH&WIWMWxHH9IHHDHnHD$HE1Ld$ALHD$HLIHLl$
YHHD$0HATL$AHTHHt H^_ILLd$IHIWI9EH
A x
]IALT8HD$Hu E1AHD$HHL$BH|$8EH1HD$$1AVAQIAPARLDsLTHzH0A"LT$sFM
AEHD$HI+$D$(I)LT$8|$CH}H|$t1LHHD$IWMoAH\$fLI(IH9IEt1LHWHHtHHWHH%IWIOHAEHHE1SL$LH
T$H[]*fH
9Adx
?[+LH-A3H
:x
[1fH
Ax
Zf.|$DIGE`H
}Ax
ZofDDBD(
f.H
9A.x
?Z+f.H\$MoE1Ld$0}DIGE1HL9tE$AL\$ HLSLHt H|$(ZY-L\$ L+\$HL\$8AFI(IM9wD$ LHDt$
UHIhHH|UHT$8HD$HHL\$H:A;0A{%|$BICLd$0HDHHDBHT$8|$(xH|$8lH
Ax

XH|$L"fDLH}+IWMWE$AVHT$HLLHAZA[(IWEHH(D$ H9LLd$IHH|$(LLT$."H
A:x
WLT$MIRMG0H
H51=v1HHM,LSLH!LHPIWMWLct$ M;wI^|7GHHI(qSLHf!HHI;GLHUSHIuH
Ayx
HD$VLT$$E1jDD$T[A|$BLd$08H
A}x
VMLd$0|$BwH|$8~HD$H8uxuHHDHQD E1LHD D$ I4HTHLHH)PH|$H
AUx
Uf.AWAVAUATIUSHHXHLq DHT@HD$Ht=MIHAt#Iv<H4$wH
HcH<v,@1LHPHX[]A\A]A^A_fDH
HcHH$Ht1HLH;LHNIUM}xHH9HEE1HHDHHDHHD$LHDt$PHHD$ HjLAHTPHt$L^_IUI9E
H
'A x
-TaHEHT$9Ht$<HE111HDPjAWLL$hH AA|$9E'H
Ax
SH$HEAHD$Hu
E1AHDHHL:H|$@H1HD$$RAQ1APAWILD$kH0M#AFHD$HH+ED$'I)L|$@|$;H;H<$t1LHH$IUMeAHLI(I
H9I$t1LHNHItHHNLHIUf$LRHLHAV
 AXAYIMH3AEHLE1jL$HH1A^A_H
Adx
QIU0H5n1 p1KfA"H
s:x
QDH
QAx
WQD|$<gIENEH

Ax
QGfDD$:D$'H$DH
A.x
PfHMeD$E1Hl$(uIEE1HI9tDEALT$HHjL$LHt$ZYLT$-
L+THLT@D$I(IM9uxLH<LHHIHHLHT$@IHHLT$HEA:;Az0|$:IBHl$(HD$HPHD$:HT$@|$'H|$@H
kAx
qO@t$LHHH<$t1LHHOHDHHE@HL%!IUM}"fD$RHLLH]A\IUAFII(D$L9MDH|$LH
tA:x
zNMIWME0H
H51l1HHM4LEJLH:LHZGIUM}9LH A3U$jE1DD$LHT$PLHHAZA[~HcD$I;ELp|6fDHHI(ILHLII;ELHIHIuH
5Ayx
;MAD$|$:oH|$@~.HD$H8u$xuHHD$HI|$:Hl$(H
A}x
LICHl$(D$@8HuHT$HLHH)OGH<$0H
@AUx
FLzLH6fffff.SHAH0HHDHDD$HDHD$E1HPjZY~HH0[fD1USHHcn_H6H?Hc9HN)+DH[]AWAVIAUATIUS
IAH(HBHR DDHDLB0MLHTL1AlADTE A/AE1AAEMtTMID$
I>HH|$H@0HDL$HHT$LLDL$EIcItDDKAH(D[]A\A]A^A_AE1hf.A$u
HIHtetpHLu
)Hyl$
H5HcHft)HID$(HfE1KiLl$@LE1HHxDhElfH?1DT$Au0@H?1DT$@UH I|$(D(DH7ADA$ID$HtIH4HD$

HHcHDLDL${IDL$DD$DDLDL$FHDL$@IH<dBD$LzD$kIHpHcPHrHifDL$2DL$L@HHt$I?DL$HDsDL$
HHt$I?DL$HDBDL$AI|$tIT$(HHD$Ht$Of.@AE10fI|$(It,HHcf^HpDID$@tH7Hx(HYf.AWAVIAUATIUSHADH
8LZ u(IUADH=HLAHDH?t:MuM<w1HrHcHLLu?xHI9EtfE1H8D[]A\A]A^A_M{Mt<wH8HcH1LLAtLL
?HI;EHIELL$LAALHHAcE1D1D$H|$,LLH@.t|D\$,%fALHLAfADLHLAS(ADD$fD1LLAE1AD$,Mt1LLAI}IE
HDHs@HLHD$@HT$1AHyA0t$,)D9HL$DH$(t$,HHI;EHL$}0H4$L5@Hu?A,t$,|$DDHAT$,t$DAH$|CI}Me
D$~}H$IHLHD$?HT$HAHI(H<$D\$HHI;EH<$}*LLD\$e?HuA|$t.MD$1LLADHDCD$E1D$`fAVAUATUIS
HHHH<$tH>t/HALHH[]A\A]A^DI1AL~H5Hc@N
HIt&Ht$ALLHD$fL3H
iAAAv
AaDAWAVIAUATUSHHhH*HtLt
H\$@H|$@D$t#|AFD%D$D%|$DDDED$(A?t1AD$(@L+E1MD$
x|D8D$,HD$HHl$0E11HMfL*IV 1EHHD$H)D9AL*9|T$,|$(DHl$0{AAD$0xH|DD
L$,Dt$(H|DL@T$8Mv HD$XDL$1Hl$PE-L)Ht$ELHHD$P.L)9|E|$(u H|$DL$@D$0DL$HhD[]A\A]A^A_fDIV
1EHAtDdDl(D$DDO@HD$HDLDDDHDID>IV ELHQAALl$H|$?DL$4@A%DDD$LHHtE AD$
tELD8DDLDD,DL$ bALD8D$ DDDT,D$ D$8D$D$
DD,@l$(T$DDL$<>H|$HDL$<DD$L$Dp=ADLDL${'DL$fLe'HH5H<@Hj
HHDDLxH5IcC
HHD$ DLHDXHD$PH\$1LdXDL,HD$IfDL&HD$PHD$XEH|$LLHHCCHD$PHCL&9|DL$,L1DL$&Hl$H
HcH (HDDLHEHDXfHcUHuH|$XH&HcEHD$XL&&9||$8HD$XEHL$HtCH|$H5oDL$
H|$ H5T
DL$A0Hl$1HULH%L%9|ED$,H|$H5_
DLD D$,cAVAUATUISHHHH<$tH>t/HE1LHyH[]A\A]A^IE11LK~H5NHc@
HIt)Ht$E1LLHD$L3H
AAAv
:^HSHHF
uHt&H@HtH[HtH@ Huf>HFH;Htttktl=H[u11HoH;H5u
fHHxHtHXt1~tufDH;Hu[fDHF([@[ffffff.H7AWAVAUATIUSHHu2HV H
LjM<wAH
HcH@H?t'HV Hu<<<H[]A\A]A^A_@1LHAtLH1x,HI9D$~#HID$HL4L4LH1LHAuH;H5~K@
Hi@HLH[]A\A]A^A_DIt$HtHH[]A\A]A^A_0HBHHLH[]A\A]A^A_D<LH01LH=2IDITHHL4E1AfI(1HL3HF
HHHD$3HT$HHvLII;D$|Mf.fD<5H
}HcHLH`0
1LHALHT1IDITHHL41LHAH;H5'}sm
HLH/HI9D$Hk(HID$IHj2LH_f.LII;D$fH1H|$H|$HfD1yfAWAVIAUATIUSHHAAtH<$ItbI/1Lt$(fDHIt$
DLHD$Hf9|H*IH[]A\A]A^A_@It$ DLH[]A\A]A^A_HtKSHHHF HtBtH@
HYH[@H@HkH[@1D>t;HFu1Ht/HfH@x>t]H;2Ht$F7Ht$HH> H[HH;HpfDdH5z.
HH@HHF(>tgHFta>HFt~X1HpH@8H
+zA/Aw
)31gfDH
z>w+HcHHF HuOHHFHt?HuHp HF HtH@ Ht@H@HtDHF Hu~uHF(fAWAVAUATIUSHH(HV HLjMt<w>H
VyHcHD<w%H
YyHcH@HLt1H([]A\A]A^A_sHL>H
xAAy
1H(1[]A\A]A^A_@<wHxHcH@11HLAcH{(nH5'xze
HI$j1HLk*CHL8+H{L{HD$AH$/HLI(IH;CLL,HIIw t H|$H<$uuH|$HH|$HHBHdHLTfDHSH+HHr t
LdLdMI$E1H{(H5va
HI$HL(M1HLAHLH
^vAdy

\/H(1[]A\A]A^A_11HLAtI:fZHyI$ HI<$1"DHI<$11HL
(>H!vHcH@E16HF H~H@HqLuHFHHHHp L9EHF
 H%H@ Hu@8fDL2M=f.I<$H5t
I$H
tAA
-H
itAA
g-HF H3HVIHV(A$OfAWAVAUATUSHHH(HV HLbMt<wDH
tHcH<w)H
tHcH@1HHH([]A\A]A^A_11HHAltH{(H5csz
HHEt21HH%H}H50s
HEH
sAAy
,H(1[]A\A]A^A_@<=HsHcHHSHHHr t
HlHl0UHE11HHAt`H{(H5Sra
HHEHH$1HHAq1HHH
rAdy
*H(1[]A\A]A^A_DHBH HHfDH{(H5qa
HHEhHH#fHHE>H1rHcH@E1HF HvH@HiHIHFHH@Hp HHF HH@
Hu@HH#H{L{ALt$,ftiHLI(IH;CLHb%HIIw tH|$Luut)H|$oHH|$t[Hfu1HHjDHxM{H
oAA
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xoAA
v(;HF
HHVHV(UfHHH|HD~HD$H1AWAVIAUATIUSHMH~?L%rfD~(LH(t1H[]A\A]A^A_fH5IrH9uIH@u=Ht`ML
H~H5.HHuMtLHk@MuMTMt9LHU:MtH5d!1LHlM^Jffffff.AWAVIAUATIUSILHHT$8IHD$t
HI Hq0Ht$E1@uMnt
LdPLdPMtE
MNH LqT$8H
H5%nLLE1
M$$HD$X1Lt$HDLLd(9@~H5D L
LHL$|$8E1HD$XLq DoMV
MtMZMtL|$`Dl$hHl$pAI~HEtH5lmL~DL9U5E@H5mL11H[]A\A]A^A_fDHtwH5mHcH11IDLLTtLTMIB8HI
DLHt$Ls*MIB0H
IH
DHt$L/H5 L[
fDH|$Lx
HcI;VBH53lL1Mt0HL$`LHt$L\$AL\$CI~IFTt$8Dl$0\$<Ld$@HL\$HIHlLlt$ FHL%LDT
HHL^LH(II;FHLHHu@INHHt$IDLkM^ E1MS
MtMJMtD$8L|$`HlpDhAt%I<$t4<XH5ckHcHI{I<$t$8HL$ILLH51jL1IH|$(HjLiH
a H5_jLLDD$8P1@Dt$8HL$ILLLT$L\$DkLT$L\$MIB8H1IDLLLDfDT$8H
 H5>i1ML@A>HEZIVHLD$XHUHhHD$HD$HHH5iHcHIFHH|$L4LILDHLo&fDT$8H
H5h1L1>Dl$0\$<Ld$@L\$HHl$E!MHL$`LHt$
ALtt8ILLLL$L\$LML\$LL$MMt8HL$`LL\$LLLALLL\$KD$8MkI{D$\$MLL$ HHl$DfHLLD$T$HHLNt-
HI(HI;FLLHHu\$Dt$8HL$ILLL\$DL\$IC HZH@0HMIH
DLLnDH5 HLLL\$[xL\$HcI;SH5~fL11H5fL1H
z H5]f1DLL\$L\$LD$0HT$ "HHDHT LD$0HD$H.HLLD$0HT$ rH5LHT$ LD$0LLLX4LL-
HDLHHHTC,HTHIHn PLLDH5e1LLLAxH5

LLDLDA1D$8IpLH\Uf1LFPHI6HLoH5dAL
EH5r LLD$6LD$DLIcIpE1T-HU
LL(LD$XAPHc@IcIpM@Ht$HHH5cLKIKHT$8ILL1gHD$HDHDH5bLLD0HT$ HT$
HLD$0A;MkIM4$ItEIIInHcJcHLLU=LL4%M,$L[DHHuH- L$LPLH5b1LHL~bA~H5!
LAtL$8IvL1Yv1LnMHH`HLH5aAH
E0H5 LcIcIvE1L$8L1*HU LLZ{DEH5`LL$L\$uH5)
LL\$LL$ICHLHHtIHT$8HAHT$SHHHT$=HD$E1HD$HT$HH5`1L1|Mc.EMfMvL~L\$L\$ITHfHLL\$H5LL\$2
M4$EnAMcIPH5_1LLD$>|LDXLL \$MHl$EM1HL$`LL
AH5_LJIV(H5_LEA$H5^H^LHE0fH5^qDL\$gL\$T$8H
H5^1LLL$L\${L\$LL$.L\$E1HL\$5CIS(AH5^L-~IVH5^1Lzff.H5Q^H'(
Ht H@H
)^A)A
HDBHDff.H5]1
ffffff.Hfff.H7fff.HGff.Hwff.HGff.Hwff.HGff.Hwff.HG ff.Hw
ff.AWAVH:KAUATIUSLHAHMHDE1Ht$(HuMn0Mf
E1MtMT$MtHl$0D|$8H\$@AudI~H|$(uyt21DILHH5\HH[]A\A]A^A_H|$(tH5]HcH@INHtHt$(IDHf1ILDH=MlI
D$8H^Ht$(IDLHIfDLd$(LLx
HcI;VH5@[H1w1ILDH}IF
 HH@0HHt$(IH
DHDf1ILDHLT$(MLT$t-H58ZLT$uH5 HVLT$Mt3Ll$(HL$0LLT$LALT$^I~AGMfHDLl(D$$W>HLHD$
HL$T$$IHHtEH|$I(LT$HHI;FH|$LLLT$D
Hu1\H5YH1u1@DMH5Y1LHufDA>MfILl$(II-HD$(HD$II}HZJcHLHK3H5 w1LRDHHHH{H5XAH
E1CH5 HIIcUIuE1DHk! HDLdPL(L HHH9 LPLHD|H5W1LHHUt1A}7H5 HAUIuAOHOVLH 1<HS
LHr1IFHLL,L
ILDHDLl$(EeAMcMceIEMmHD$LIH5VMHL$0Ht$(L
AdHD$(HD$HD$'H5VH?1DHHD$(HD$IXH,HH5xH1HH

H5U1DHLT$@rLT$1BHHD$(HHD$E1lIUH5eU1Hq18H5TH>1IV(H5UHa1SH5`WHPH
Ht
HX@H[H
1WAA
HDJHDH5W'
ffffff.Hfff.HGff.HGff.HwHff.HGHH
!!K@H!KD@fD[ff.H
  Kd@HK@FfDff.H
!K@H$K@
fDff.H
K@HK@
fDff.H
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fD[ff.H
%Kd@H%K@F
fDff.H
q'K$@Ha'K@
fD
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&K@H&K@fD
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)K@HKD@fD[
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&Kd@H&K@FfD
ff.H
K$@HK@fDff.H
!&K@H&K@fDff.H
"K@H"KD@fD[ff.H
Kd@H K@FfDff.H
K$@HK@H=yK@H5iK@H
K@HK@H=K@H5yK@H
i$K@HY$KD@H=I$Kd@H59$Kt@H
i"Kd@HY"K@H=I"K$@H59"K4@H
aK$@HQK@H=AK@H51K@H
!K@Hy!K@H
K@HKdHHFDHRH2@USH<t1<t
H[]@HB 1HtXtHcPHchHHHt8t{uuH}b*HE)HHExH
NRAOA
O@:Ht6HHt.HV
 Ht%BtHcR HtHH@@HtSHHtKHV HtBBt<SHcZ Ht*H;H5Q&
HHCC[fDfDAUATUSHHtoHHtgHI Ht^AtXHcY HtOH;IH5/QLc
H5QL
HHt&LLHXLcCH[]A\A]H
PAAs
1}ff.1HtiHHtaHI HtXAtPATU1SHcY Ht;Su4HHItH>HSH3HCHEMtHSA$[]A\fffff.HFHHHUSHHn
HHEH<HUHD$HEHtH|$AHM
HuH~%HT$H1H;uaHH9tWH0H9uHE(Hu>uQ1H[]fDHHD$yHE0HtH[]HHF[]DAH
#On
1H
yK@HiK4@H=YKT@H5IKd@H
iKT@HYK@HH=K<HAUATIUSIHHt]Ht6H;.{L+tH{LDpDH[]A\A]HHCuH1[]A\A]DH?zH{L+HCH[]A\A]@
1ffff.HtHHHtHAHtHtH@HDfUSHHHHFHHH[]1HUSHHHH6H?u"H}HsHtH[]-
DHuH[]ATUSH/Ht\HIu=MtA$ILHgHoPH[]A\@1MuSHH?HtF(uYH[fSHHH[fSHHH[fSH6H^u[fDH5P|
H[ffffff.AUATAUSHHMHHHt"DH7Ht=H[]A\A]+HHHuHHHu1H[]A\A]H;HtAE(t|H1+fUSHHLHHHtHt@H[]t$
H<$+HHHH<$t$u1H[]DH;HtE(tH1f.H5JH@v
Ht H@H
JAA
HD$
HD$ff.HtKSHH?H{H{}H{8H5bJ%
HH5NJ&[
HHDHfDHI0HA(uu-1txLX^L?^fHIH0HA(Huu*1tHxL^HL]f.SHH?H5I
H[ffffff.SHH?H5bI(h
H[ffffff.HB(uH5\!1UaDH5a 1BafHB(HHuH5*I1#aH5I1afSH5HH6
HHHt[@H
HA A

1[ff.SH5xHH~
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IHAA

o
1[ff.ATUSH HHtHDD$Hu HT$HH []A\f.HTHtH|HcLStLDAA(HT$u5HyH
GAfp
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FAap

1ATUSH HHtHDD$HtxHD$uH []A\HT$Ht$H|HcLmRtLTAA(HD$H9vf.H5FIL$s
HHILWH
EA A

1?HD$tH9wEHDH=H
EAi

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aEAi

1H
9EAi
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1HF(HHF(HLL9A(E1My
IAL@11H@HHHuQtAHtRxIHcHHH)HDHD1I@rH9uHBtDHyffff.HH5j11O\ffffff.H[<HH1=H1DFHI1L DFHI1L
trDFHI1L t^DFHI1L tJDFHI1L t6DFHI1L t"DFHI1L tVHH1H HAxHHHHHEI9A(HHH1D~3AH
&C

1HtDx\~81H
BA

1H1QfAxD~
eHHt;SHHH{H{lC0uHH5{B.[
fDH{(H5]B-
SH5HBP
HHt)<HC#H{HCtHtH[fDH1NH
AA A

H[H

KT@HK@H=K@H5K$@HtHHHtHGHHtHHHtHGHH
K@Hq Kt@H=a K@H5Q K@H
K@H
K4@H=
KT@H5
KdH

KT@HK@H=K@H5K$HHHfffff.SHpH|$tHD$1H@H[@H5@'
HL$HHAtH5K1HA HA1HH[fSHHH5I@67
HC[HHHtuHDHpuHHff.H=jKt@ATUL%?SHDHxHxHHIuALfh3x
fDSHvHHtHxHt
tH[DHD$tH
H[H
?Afg3
D$fSH=iK11u[H=aiK1t[H=EiKD[H=5iKH0H=!iKH H9AVAUATUSw#HH1]
u=1[]A\A]A^H
9>1ABge3
[]A\A]A^f6b
tH5=L
HI1'HIEE1HImL5=!I}HHIEL9thRL
HHoH@uHH5N=`
HH55=bH
H=gKMeLtoH
<ATAe3
H5<UL
~H
<ANAe31
UH
<3Ameeo
I}HtUHL%g<Ht=H`L
HHbL
I}mHHuI}H5<uL
H
;ATAf3
ffff.AWAVIAUATIUS1HLH(MHT$B[
u1H([]A\A]A^A_HILMMxMA*QH3LIx4AH
;fi3
IxH=eKkHH5:I
HI<$HiIxHfH=AeKHII8LD$HHLD$*HIx
H5S:LHL$1
HL$HIxHHLHIxLxLHLMx{]
(H59(
HI+H=IdKHxHH5q96L$
1A9fH4I@Ht
I;@H5&9RLD$2
HLD$'HLD$HDHLLD$I@b@11O)H=XcK+IHT$AH=5cKLLDILD$H5f8HI
LD$H}ILIxL$HLIxIxSAH
7DHH57`HL$t
HLHHLH57bHN
IxH
r7A*Ad3H
H
L7AAi3"
IxH=aK
HH57H

H}HHIx?H
6ATAf3
IxATH=?aKUS
HH8HHtUHL%m6Ht=H`L
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H}sHHuH}H56H
H=`K1H=`K1Huu []A\@HH55I[]A\
H1PU
uHHH1
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twHtHxHfD1HfHH1T
uHHtHxtHH1T
uHHtHxttHH@3R
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HH=)G
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HH5I5j
f.HAUATIUSHHHtEL-5C$uHCHtHKSLH3Hk(H%L
HHuHLH54[]A\A])
fDAVIAUH54ATUSAH20IL
Ht6HL0DhL`Hh@ HP(HHC[]A\A]A^H
14A3Aj3
[1]A\A]A^fff.HHt:x$uH90tH@(HufpH@2H1ff.HHHt'x$HH(uHt
@HFHHHu@HGHHHGIu
HufHHtD@$P Et9@uHtPHQx u>fDH@(HtD@$P EutHtPH@(HVHuDP$tLML1DHy$tH91tHA(HHu@A
tA$HGfDSHI9Hq(t5Hr(H5_2HHD$
HkD$H[@1H7ATUHSHGHGH?HtT1L%2fDW tG HHHt*w$HG(tHt2HC(L
H{(Hu[]A\O$HG(tHELd
H}HuAWAVMAUATIUSILH(AHL`1HLt$uwH4$LHTDCDLHTkKL@3CkKCCA,1AD-
HH9t*HcA,H>1AL-
HH9[AH([]A\A]A^A_@HtHl$E1uzH4$HHTDCDLHTkKL@skK@s@sC24CD5IL9_HcC44H@21Ct5I@1
I9Y1H/SHHHD$GH|$DuCDcCD$ScCSSH[DSHFH3W3VAAAFDD3A3NDDD1AAAAEFFD3VD3FD1AAAA
EFFD3ND3FD1AAAAEFFD3VD3FD1AAAAEFFD3ND3FD1AAAAEFFDD33VFD1AAAAEFFD3N
D3FD1AAAAEFFD3V$D3FD1AAAAEFFDD3FD13N(AAAAEFFD3V,D3FD1AAAAEFFD3N0D3FD1AAAAE
FFDD3F3V4D1AAAAEFFD3N8D3FD1AAAAEFFDD33V<FD1AAAEBD3N@3BDND[D1AA143DD1OSHFH3
NDW3V@AAAFDD3A3N<DDD1AAAAEFFD3V8D3FD1AAAAEFFD3N4D3FD1AAAAEFFD3V0D3FD1AAA
AEFFD3N,D3FD1AAAAEFFDD33V(FD1AAAAEFFD3N$D3FD1AAAAEFFD3V
D3FD1AAAAEFFDD3FD13NAAAAEFFD3VD3FD1AAAAEFFD3ND3FD1AAAAEFFDD3F3VD1AAAAEFFD
3ND3FD1AAAAEFFDD33VFD1AAAEBD3N3BD[D1AA143DD1OAWAVMAUATIUSHZHHXAEHTAPHH
HIHt$ H<H\$ILl=H|$H|$HHHfDA<AtIH11HLDHTLDHTLeEu@u@u@u@uM9UuH\$H|LLd
Ld$HH\H6HHL\xH5&HcHH/HHl$0LD$8H<H\$
AH|$(HH|$H|$HH|$MDEIH4$H|$HAAELHDDLD$H3\$LD1EADALAtADAtADAD$L9d$A\$DqEAH\
$
HDHl0Hl$(Lt$8HH\HDeEH|$HH4$HADdHDLL$LD3|$HD1Ll$IHH%HcHfIEA]LhPIEAMLhDxDIEAMDL
hPAE}AEDE~EnADAFDAFDAFDAFDAFHX[]A\A]A^A_AKIA{IsH L^vH 1AKIsH~vH wL_H AsH
1H4$H|$HDHTLTHLLATALAAADADAATATATEA~A^AFE^AvAnAVHX[]A\A]A^A_AAfDA
AHt$1fL1fD1fL1fDL1fDLLLAEAWAVIAUATIUSMH8AAHL$AH\$ |$*@t$(\$+|$$@t$)|$.@|$/@t$,H@t$-H|$

M11H|$usHt$H|HTt$ t$*L$)L$$D$(A2HT$@t$+l$.L$/A@|$,HH9@|$-
tHAHc2L4(AHH9fuAEH8[]A\A]A^A_fDt$
L$$AtALAATATATATATAVAULcATUHSHH5w!H]HIIHHb!HGH1H8HHH)H)HAHHHLOHIHpI9H
FH~ I9HFHw I9HFHF6 I9HFA1MII9uLdHD@HLIDAFDAFM9uLHDHLHDCDCI9uH[]A\A]A^H50H(p
Ht1fHH
a0A+A HD$j
HD$H5105
ffffff.HGHGhHH
H)Hp1H1fftf
tq1ftoooFGoF G oF0G0oF@G@oFPGPHF`HG`FhGhFlfGloHFHGFGDt+tHu
1@1HtpfDH1HlwHLOHGHGfIH
L1HHkH)lHfA8LwHDHGGffDGGf
HGffDGGoGDfff.AUATAUSHIH_Hft'f
H_At1fu0H_HIMtLHLHtLmH[]A\A]f.ft1f
tDGf?uH5-H RD1ffff.Hfff.Hfff.ftf
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IEH
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IEIH5*H
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IEIUSHHHD$W=u"HT$1Ht
HD$H[]H1[]USHHHD$=u"HL$1Ht
HD$H[]H1[]HtHG(fD1ffff.1HtG@1HtG@1Ht.Gu't!WtDf1HtG@HtHGfD1ffff.HtHGfD1ffff.HtcATUSHuFH-
(H{Lc(H
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MLu[]A\fD[]A\fDAWAVAUATIUSIHH?[:A:HHH9unHIHHI)CI:HHH
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1H[]A\A]A^A_H
'A
H1[]A\A]A^A_fD]>H{PHII)MHE11MIu ;*H<'LH4MHI$HtBMt=MIu
}*H&LHLHIEH[]A\A]A^A_@:HhHI{HEIuXMMf.I$LIEfDM0H"fHH
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DHAQE1BHHHHf.HHHlAWAVAUATIUSHADOEAID$HN)DBDIAAAhADPA9LD$,HcLt$PE1HD$0ADlLt
L$A.D$ A@Ht$@H|$8DAD(D$LMDL$L$HL H|$H5"1!4EDL$L1HcHDl$$A!HIMJAH-A
H!DD13LHcHH)HI9t-LHH)HvD$H|$9D$ DHDl$$L$9L$}[DD$
!IHI9t=HcHHH)Hv&ADp@_ACD<PHcHD4PH)A9HvdsHcHT$@DP
H|$HcHD$8D4PDD(Lt$0D$Dl$D)l$;D$,jD$(H[]A\A]A^A_@HT$@H|$HD$8D$D$(Lt$0DDlD)l$ 9D$,H|$
!fGHcHH)f!HcHH)HHt$
fFHHcH)D$(/fE1HHH=qfff.AHHH=NyfHHH=Qfff.AHHH=.9fEAWAVIAUATIUSAHADDtA@1L=HH$H9$t
uHAT1LL#EAuH5^; 1L#H9tTH
X H5 L1#T$H
: H5 L1u#LcD$H5_L1CTY#H[]A\A]A^A_DAUATIUSHIHHHHHI$H9wZHteH9H9sgHMHuSIEHJHD*H
A7A
1H[]A\A]H9sHBHDH[]A\A]HtHI$H9wH9bHwI}HDD$I$Ht4H]BHv
HoIEHIDDfH5)6Hu
HIEDD$
HHt"HuDD$HHhHDD$I9$HEfAWAVAUATIUSIIHHXD$$EDH@Lu3M"1|$$DDD$$L t#ALetL6Q H
ALEH=nH-Ht$0 McHDHt$(1D1DCIHAAHAuAELAEL$
 LT$A)HcDL$D0c$D9DL$DML$ E1LT$D)+T$EEEH)DID$E9D$ELT$$<EL%EuIMH9
H9vI$HHBHEDIEEgI$HHUIEH9vD1HX[]A\A]A^A_L$^L\$IDLLT$MIHHH9H9s!IHHEHJIM
DIHt_IUI$H9vUDT$$ADD$DD$$LHLLLTyLTHIUI$H9H9GHH}HI$HPHqBHr
HHEIUI$f.H9HBIE fDM_HUIEH9NH9H8I>HLTDD IEHBLHL\$q
HIHUIELTDD L\$H9IEEfDEt(A0LHLLAukCH|$(HcHHTH)IDHL9;DLHLLu56LHL\$p
HIIHUL\$DD$ LT$Ht)I4$HHDD$ HULT$L\$I9UI$IHJHMDt@HD$D$$-D$D$$+H5!6Ho
HHEIUHtI6H:HjIUI9ID\$u eft^A LHLLDuD$D$$ CH
|A7A B
L\$MLTIDLIDD$@AWfAVAUATUISIEHEDHHt$HL$f.$dDD +xDED$E1f.vfW,f.
f.H,A ANE4A
4H,'tHd"6:KA`H,fH*\fYL,I*\f.II9rHI)H|$@1LIH|$0fHsIHHHH)HAHHuEEHcD@
$H@1LHHHHHI)LI@HD$(|$HcD`7D$(A)EA)A)D$D+L$D$,D$AED$AEAED$ tHLHtALLtvdCH|$0l$L|$
Dd$0HcLd$HHTL|$H)HHDHH9DELLLL=ufE1HD[]A\A]A^A_D DD$
f.D>f(D$E1|$EDD7DA_d@$$uWDDE1D$ -f(H\H,H1*D$%D$DD -E1f(f.v#YIf.wf.v@^If.w$|$of(fDD -
`f.E}%Df(fDYu1f.D$EDADID9D`(Icf.HHfHH H*XDH$AgfffMAI1
f.DDOA))HcAAHuDL$,FAD$(A)EA)A)D$,D+L$A)FE1E1^EcEDt$ r\$l$
DDd$8Hl$Ld$fDA0LLHLuD$%(0f.zuD$E1>Af() fDl$L|$
Dd$0L$(ub$uX\$()GDdHlLd$fA0HLLLuHL$Ht$A.LL}tEl$L|$
 Dd$0L|$HcLd$H\`HT_H)HH@HH9DELLLLMu@

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GDd$|$tXEtHH\Hl At3A HLHLubl$L|$ Dd$0WAG$HLLHtL EA AEGMA-
xA+HLHtLLT$,9D$,L|$HcH\HH)
HH9 DEHL$LLLuEEL\$l$8MD\$<H\$Hl$I@fDHH9thH9sIMHHHJI
fAIMHtIHEH9v@HIHEH9H9uHH;HHEHtRHC
BHfc
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A7A D\$D
D\l(Dfffff.AWAVLVAUATIUSIHxD>HlpHDXHD$`HD$hHlPDE11AE1EHThHDXH9tH9)HD$PHJH|$
`HHL$hHT$hH|$`HJHfHLQHx[]A\A]A^A_A/IFAHEHD$(
IcHHsHDL$D\$LT$HEHHD$(-HHD$0D)ELT$AD\$DL$)A9AA
ED)E1LDHDXEH\$hLT$8D\$@HDHD`IHD$ HD$PHD$HDIA;l$ HL$Ht$ A H|$HuH|$`H5q_
H5L6_
HHHD$`HT$hH}Ht$PHt>HT$hH9T$XH|$`HD$PvHJHLhHThH|$`HJHHLOH|$`H5gvD$ _
D$HH|$`#LHLD$X)H"BLE_
HHD$`HT$hHD$X47H
0HcHDAG<.lH
)HcHADL$ D\$LTT(LT$D\$DL$ vET$(DHE:ICD\BjA.[E:IIADL$ D\$LTT(eLT$D\$DL$
.T$(CDE:IDlBAG<|HHcHA%tKHD$`H\$hHL$XH|$PEDL$ HHD\$LTKDL
D\$1LT$E:IgAG<Sw5HHcHA/IFAHHT$hE:IA*A/_IFAE:DI@A*A/IFAE:D(I@E:\$If.E:IBD$AluEzIBD$IF@E:
D$I(fDE:D$IfDE:D$IfDE:AIAME:AIE:AIE:AIyhfDXA
DA@|$t\$t /IVALAoAtAuA
DDLTHDXH\hHt`H|$PHQASHAUHH LT$xA AF=IVAFHL$XLT$H\$hHD$`H|$PjAQHEEHZYLT$
A AF=/IVAFHLXLTH\$hHD$`H|$PjI|$At(\$t Z/sIVALH\$hHD$`LT$HL$XH|$PHAQHASA
AUHHD$`H\$hHL$XH|$PA%LT$HHLT$+fDAF=IVAFHL$XLT$H\$hHD$`H|$PjA/
IFALTAHLXH\hHt`H|$PHAQAASAULA/DIFAH\$hDHL$XHt$`H|PLTHLT$J5DH|$XHD$P|$/IVADH
A7A
H|$`AAE1D|$H|$0E9HL$(ACDl$8H\$hLT$HD)MEHDHD$@HD$0HHD$0HD$XHD$HD$`HD$
HDPHDHHI&fD+D$(D$8H;l$0H;l$@HDEHLHt
H|$HuAt*AuH|$0D$E1E1AuH|$0AD$E1@|$9/IVALLLT$8ED\$@LIAHLT$HELMAD$$E9HD$XD\$H\$hMHD
HD`HD$ HD$PE)EHD$D$t-D9l$t&HLHt A
H|$HeuMAAIFHPIV;IFHPIVIVHBIFIVHBIFVIFHPIVIVHBIFIVHBIF/w%IVAD
IVHBIFIVHBIFIVHBIFIFHPIVH|$0LLT$8ED\$@LID$IVHBIFIFHPIVIFHPIVJ/wIVALcIVHBIFffff.HHT$0HL
$8LD$@LL$Ht7)D$P)L$`)T$p)$)$)$)$)HHTHDHD$ DD0HD$iHAWAVLmAUATL-FUSLHLbE1HXE1
H|$8Ht$01HD$H1AE1t^HVHL$8H9HHCHt.H9w)sHpHtHHDHHH=w H9s
@HX[]A\A]A^A_@H9srIcDLfDnfDA<.HvHcHfDL$(DD$ L\$LTLT$,L$LT$L\$DD$ DL$(D*,
Ht$0H|$H.AIDL(DD$ L\$LTLT$,-L$LT$L\$DD$
DL$(CDDCA$Ht$0IH|$HT$,:A<HHcHf%uvA$IA<SIcLf*K
Ht$0H|$HEDHCD|CCfDHD$8HH9HWHT$H81Ht$0H|$HVA$AIIA$ID$Al,I#A$AI
AAIAAIA$AIAA$AIAAIAAI}sA
A@AEt1At
AY/HUEHoAtuA

DDL\$LTHL0HT$HH|$8HAVAWAPI1wH 3Ht$0H|$HLLT$L\$L`E1E11AE1A
E=HUEHL$0L\$LTHTHH|$8jAV1EZYyA
E=HUEHL$0L\$LTHTHH|$8jID$;H9HD$8IH@HWHT$H8%Ht$0H|$HLAEtAt
A>/HUEHL\$LTHL0HT$HH|$8HAVA
AWAPIsE=;HUEHL$0L\$LTHTHH|$8jU/HEUL\$LTHL0HT$HH|$8AHAAVAWAPLU/=HEUH8LU/hHEU
EHHDAEAHIcDD$(L\$ LTDLHTDD(DLHTLT$L\$ A)DAD)D9jEE6AHt$8H?HL$HH|$0H9,E1H9s
HyH|$H
AAE9Ht$8HHL$HH|$0H9vU/HEUHT$8HH9HOHL$H:LHt$0H|$HsLdA./HUEID$AL$AAAE1HDE9H|$8HHL$
HLL$0L9HL$
HHrHL$L9sLILL$HAH9t=E9|H|$8HHL$HLL$0L9HL9VrEUDE9|@HT$8HeHDHHL0H9RDD)HDHHL0H9
7H9s
HHHL$H AA9E9| @HT$8HuEEE;EHHDD$(L\$ LTLHT$)DD$(LHTLT$L\$
A)DtEt?E1EA/HUEHmHAIDlE1HDAH`AQU/w=HEUA$D8IHt$0H|$HHEHPHUHEHPHU/wHUEHcElHUHBH
EHEHPHUHUHBHEHEHPHUAuREE1/wHUEHUHBHE1HAE1EHUHBHEcHEHPHUU/w=HEUA$DIHt$0H|$
HKHUHBHE.HEHPHUHUHBHEHUHBHEHUHBHEmHUHBHEPDHHL$8LD$@LL$Ht7)D$P)L$`)T$p)$)$)$)
$)$HHLHDHD DD0HD$HHHL$LDDDoxDHfDkH@rff.f.ATUISH1HH$tH[]A\11IAHVtHH<$tbH
{
 A)kj1
H<$fH[]A\H5jH1
H[]A\H<Hl1HHH<$t1H|$uHHLH<$xATUSHHHD$t"HI1tHH[]A\DH
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H|$UDH5H1
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H|$H5B
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IDH []A\AVAU1ATUISHpHH MHHIMHt HI$H
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HHI$5LkM4$Lg:HfAI<$r3eH
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HtjH56H=7
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ffff.AVAUIATUSIZE1HHo8!EHu~xHcMHHI~A>
@HHG|
tREA9N9|UA)ID)AEDEuL/I}@U!~EEEaAD)EDEEHD[]A\A]A^fDE1ALD$4D$AtEDNH[D]A\A]A^fff.AWAVA
UATUS1HHHo8IHH@IAE1y
]!@Hu!EEtEA9HcuANHuLLcLLLDWfL$M)MAA9~ULD$A)MUI~@D9}@AA9t0I~@HA)IDL
L3EufDH[]A\A]A^A_fff.AWAVIAUATUSHHo8rII~Je u2zAtI|$@HtfLL-HXfD~%
uH@Ht.E ffOuM1HH[]A\A]A^A_@Hcu$I|$@Hu#LHc2~]$)] LU I|$@HE
LL@,HH@tWI|$@LLe,LH72TfHD}ELeAL
D9}McH5ALq2
HH=A~
D9uH}H9t!H5rN2
H]HED}H}L9H5DU1
LeHE Du
Ht$1Hc]HcuLL9IOHuHTcAHcELcH9H5$L1
HHPH}H5'31
H]HEDmLLb@H@HEHE HQ*HfHc] HH@Hv
*Hf@Hc]HUH@HF
)H6@HcU1uL+HHcUuL1*HuHULc]DNANLLHyABA95^1A8
@nEKMcB<

AELEKMcB<

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HfDAfEA)ffLfEfo5HA1fo-
ffofDofoHA9ftffdfDofD`fhfofEofAefofDafDifofefEffafifAofEjfAbfAfAfDofEofEffEbfEjfDofAfAfDofDffAjfEbfD
ofAffofffDbfjfAffDofsDfAfH~HA9H1A<
HH9xfDHc] iH]hDuE@H@L%H)EDAD;uH]McAH5FLQ,
HIH9]tH5hIH+
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fAAO11|r11i_U K
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HtsUSHH5oPHHo8H}*
H}H5NQ*
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HC8C
C(H[]D1DAWAVIAUATHUSHE1HQHD[]A\A]A^A_Mf8MtI~@tLADAT AL$$A<
A)A9udAD$$fHcAH)tAD$9|I~@HLD$|)D$SEDDG@EIt$~gIcHcD)HHHHL$Eg[AT$ HLItDHAL$$AT$
'fDAT$ AL$$)AL$$AT$ tItI~@HcHOAD$HcI|$HcHAZA\$ fDAWAVAUATUSHHHo8E1IH}H@tvIXEU
M$A<
A)A9uiE$HcAI)t4E9|I~@LLD$'Eu
D$DEHD[]A\A]A^A_DE1EHu~WIcHcD)HHLHL$EYU HL$HuDIM$U fDU M$)M$U
t$HuI~@HcHaNEHcH}HcLAcY] <ff.HIH@Ht"f1ffff.AVAUIATUSHHo8HI~De{u
IH{@H'LLH[]A\A]A^] Dwt*uH@EHf.H@HEUH
UUH{@HuHA%EED)D9~H}IcHcHeWUD)D(~9UH[]A\A]A^H
A*A
m
H1[]A\A]A^fDHcEHuH@Ht
@H@t7H{@LLeHHD$%HD$a@HcEH[]A\A]A^HcULuHH[]A\A]A^@H{@ELLDLcH5L%
HHHuH9ED9~8DmLHVH}H5^$
H]DmLcIcuH@Ht"f1ffff.1HtAHO@Ht8SHHHHD$H#D$H[DfDHtSSHG8HH5XH8#
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u;
wHH9uH$E1Ef\LHLL$TLL$AVHD)L$DL$I6DAVI}@AAFAE)A9EfL$I)EuIcVD)HL9YEMI6D~EVIcHE)McM
9XLHDT$L\$SSDT$AVL\$I6I}@D)TDDTAVLANEfL$
LDEH(D[]A\A]A^A_I>IcIcDL$H*REfDL$E)fHAH$DEtSM\D$~
E"\$DL$zIc~HcHI>D$VRD$A^ATfDIcVL9}M~I}@DHA~D$HD)L$H{L$TfDLE1fffff.Ht~"f1ffff.USHHHHF
H1[]HHH[]DHIH@Htf1ffff.H@Htf1ffff.H@Htf1ffff.Ht;SHH8H5K
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A=A e
1[ff.HG@HtWtReuUATUSHIHH H{@LHeHHDHDH[]A\1DHp1HtiH@tbATUISHH x H|$~jD$9OtBH}@L xH
[]A\fDHD$D$H []A\ H" @HAUAT1USH(~D1H@Ht8Lo8IAE~X9AEOH}@L
xH([]A\A]fDHD$tA]D$f.1DH|$~&D$9~u
HFf.HIIH@Htrf1ffff.H@Htf1ffff.H@Htf1ffff.1HtAHO@Ht8SHHH0HD$oHgD$H[DfDHG@HtWtReuUATUSHI
HH"H{@LHeHHDHDH[]A\1DHHtS~OHO@1Ht<SHHHHDHDH[ffD1DHIAWAVHAUATAUSIAHHHIE1
HMHHc)HAHcAATAjI$HIcL@1AI|$H"H
H!%tHDHJHDHH)p
HH[]A\A]A^A_A{AAHL1UDAAIAL0McLHHH1QNY^AAu:HL1@H1zJHH0~E
fHD1f.I$HHH1uDI$AL$0McLHHH1QXZ;I$HIcL@1_f.H3L1?f.HL1f.I$HHH1DHL1f.H>1}DH1eH@ bQ
Ht
HH=tGO
H=qGO
HATH5USHIxs
HHL`hH(@$@PLHt|vHHCpt=HEHHt$HH}HtH[]A\C H[]A\H
aAl AY]
LHH50Hj1I
H[]A\H
ALAl O]
jf.H
A_Fl]
LHH{p&r1HtGPt~fDSLWHHGMtwH~j1j1E1E1HHXY~IHHtH@PHtHHShHtH{pH5H'
[Huf1AE11AHfDHw8ff.HG8ff.w fff.G fff.w$fff.G$fff.ff.GPffff.!w(f.G(!f.
w(fff.HGff.Hwff.HGff.Hwff.Hwff.HGff.HH@Hf.1AVAUIATUHcSIHHHHHHx
LWHGMH,jLjHE1E1H^_H~qDC EcHLt$HLHLP
~ HT$HSXLSL[MtaMAVHPLE1E1HAZY~
HD$H9rfH[]A\A]A^fDHKkf.MufH
QAyx Y
H
)ADx gY
oDLAE1DHAHfDLcM'E1DLHAHHD$ HD$H=w0IH
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xx X
fff.AUATUSHHHHH~Hx sLWIHIHGMHjjHE1E1HL^_C fHLHLHP

~I$HSXL[LSMtvMATHPLE1E1HAZY~=I;,$rH[]A\A]H
hADx W
fD1H[]A\A]MufH6fHwAHE1A@HwLcMWE1LHAH:I$5fH
Ayx V
1JI$H=0IH
lA
xx D$V
D$ffff.1HAVAUATUASHHHHH=Hx2LWLcHGMHjHjHE1E1L^_H~gDC E HLt$LHHLP~
HT$HS`L[LSMtQMt~AVLPHE1E1HAZY~D$H[]A\A]A^fDHSsfMufHAE1DHAH9LcMRE1DHHAHyHD$sH
AIy T
LHD$H=w0IH
ASx T
ffffff.HAUATIUSHIHHHH\HxQLWHGMHjjHE1E1HL^_C
EHLHLHP~IUHS`L[LSMt^MAUE1PE1HLHAZYH[]A\A]fDH_DH1[]A\A]Muf1DHwAHE1A
@HwLcMNE1LHAH~IEPH
AIy R
1(IEH=9IH
}ASx D$R
D$fffff.USHHHD$xHHHiHx0^LWHHGMH!jjHE1E11H^_~DC
EiHHHP0~qLSLcLK`LL$HCMHt_HL$E1E1HQ1RHZY~LL$IDH[]LSHCMtSHuLcE11HHAH~IHD$fH"fH]DH
MDHAE11ADH
yAn P
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ffffff.AUATUSHHHD$HHHHx8HLWIHGHcMH`jjHE1E1L^_ADC
EHLHP8LcEL[IcLSHD$LcMMGAHD$LLE1HPAQE1AZYA~HD$L9AHD[]A\A]H7VfL[LSLcMt8MuE1LHAH
MAgMUDH
A}h N
HE1[D]A\A]fDAE1LHAfH
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9NHLJuu[]A\[1]A\fHAUATIUSHAHHHHH@@HL_LWMt{MjjHME1HA^_H~BHH@@HLDHL[LSMtGMtjj1P
HMEHAZYH[]A\A]@Muf1DMuIAHAoDHMDHHI[]A\A]AH
@Ayg
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HcfHLHLHfHHLHDyH~HD$Hf.1fff.S1HHHT$HHHH@XHL_LWMMHT$jHjE1A1A^_H~LHHT$H@XHL
[LSMtCMHT$1jE1PAHAZYH[@M{DMufHT$AE1AeH
A"y J
HfDHT$IE1HAf11
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fHt;SHDHHQ@HuHHq@tHNHH1H[Hfff.USHHtUH1HHo@_HCHHtHS@HP@HS@HtHBHHC@HCHHH[]1fff
.ATIUHSHHC@HHtHH$uMtE,A$H[]A\fff.G,fff.w,fff.Ht
@t&fDHHt;0t4H@Hu1HHt0uH@Hu1Hfff.HtHG@fD1ffff.Hw@ff.Ht+USHHHt_PHo@~H[]fffff.AUATE1USE1
HHHu#HLH[@HIH;HHoC1HH@HCHEC E

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X1HtHG`HWhHffffff.SH\JH;kHH=^JH;jH[HSHGHHP1~HcH[HSHGHHP(1~HcH[HiH]JHHJHfH5H=JHijt%JtmJ
HfDH
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ATUHSH5A&`HHt(H5i)HT
HHCtD#H[]A\H5AH*1*H
+A+A 9E
Ht3SHHH55HH56[DfDHGff.HGff.HbJHwHGff.HGHwfffff.HG(ff.HG ff.HZJHw(HG ff.HG(Hw
fffff.HG0ff.Hw0fDHG8ff.Hw8fDHG@ff.Hw@fDHGHff.HwHfDHGPff.HwPfDHGXff.HwXSH5pG
G0G(H_@qHt,@@ HC8C$[fDH
A`A B
1[ff.AVAUATUSH fHo8IH~?v0P|H 1[]A\A]A^ ?%DuHcG$H []A\A]A^fD|~eu}wEHHcHUfDH?HHkH HHnUdG
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*DEH}HH5_HH5GHH(H5$HH0H5H(H0EE=WH
Ad ?
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IcHuH}LM(AzHE(HHE0EH}0atH}0AEtH}0A)t1DDAE C0E$@HVeMHH(I$&fH}H
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HULEH
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HHLH(H5\C,H0H5=H(U} LH0wAaHIH|LHHLHH8Ht HItULH
HtEMLHHt2LoH(L!pH0DLHHH
=Ad :
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H8}HHD$Ls8H{@IHD$HD$(HD$H@A>AHcDHfI~EIH5IH5II(H5II0H5I(tI0AAF=H
rAd P7
AH8D[]A\A]A^A_E1AH{@HAfAf.I~0EfmA~ DHDt!A~ HT$Mf81Ld$(w?A~
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Avd 4
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WAd 53
AWAVAUATUSHH-H8HtTuLs8H{@Ll$(IHD$HA>AHcDHfI~EIH5mIH5IJI(H5tI'I0H5QI(I0AAF=H
Ad 1
AH8D[]A\A]A^A_E1AH{@HAfAf.I~0Ef3hA~ DHtA~ Mf81LLd$(AA~
xEUH{@HBTHt4HAy*@IvI~MN(AomIF(HIF0AI~0gI~0AfI~0Af1DD/AAF C0AI~H
fAd D0
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Ad p,
AH8D[]A\A]A^A_E1AH{@HAfAf.I~0EfbA~ DHdtA~ Mf81LLd$(AA~ EUH{@HBT$Ht$HA
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wAd U(
H|IUSHHHHHt1HvHPHtHH[]H1HSH_8HHt@HP8H@ HBHBHG
HCHCH{(H5WiUH5FHjA[f.1ffff.SH5PH8fH1HtHB DHS8[fAVAULcATUISHeU
HE8MHHX8HC0tzMtuHCHt|L9LFMDH)I)Hs(HL;H)ktuHCHH;C HCuHCIMtaHsHk J6H9wLE11[]A\A]A^DCu
HHC L9r+Lk0MHCu[D]A\A]A^HC0DAVAUIATUSHLcEC MMHk8EHE0HMHu
H9HH)L9LFMHMH}(HH)H9HCID
HH9v.HLH)HIHMHI)HMtHu @LLLmD[]A\A]A^D[1]A\A]A^H
A!|q $

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Dc EHcE1HHk8UHE0HMHU H9t\II)I9LGMHMH}(HH)H9HCID
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H9HH)HWII)H9IFILI)L9IBHtHW(HH9HOHHS8HBHL$1DK EH{8HL$DGHG0EHWHw
H9HH)HWII)H9IFILI)L9IBH&HW(HHHL$DS HL$EHC8HHP8HzHB0H*HrLB
L7LH)M9HCHtHr(H1H9HOHHS8HHR8H)BtHJHH;J HJmHB`fDHL$D[E<HC8HL$HHP8HBHB0HHrHz
L0II)L9IBHHr(H1fADDID0fDI<$A\$ID$ I+DMIHwHJ8HB HAHAI$G ID$ID$/DI<$uHi8H}H
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H11HHHG t%1HvH=OHH
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uLco$HL[]A\A]A^A_fAtuHMHt1dH8HMHtdHMdHARHcU1HHU0H^fHEAE8HH>HH-HH}(AaN
AIDdt[euAH]0L5aIIcL@HE0AHkfDHAVHG yHHHAEUAfE0tlAD$0H} E1MHE AD$(G
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5MLeHUHu1HEH%LL9eLcH5LtHEAHbH}H5XH5HD
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Axs)
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HMHC(H{(FH{(D$EH{(ET$19MAD$0jLH{(k!FA|$0HAD$,t2MdLA31Y6H{(EHHC(!A|$0
M3H{@H
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s|Axs
Mt3LAAs1HsH{LK 1A]GtHC
HMHC(H{(@H{(D$@H{(@T$1MAD$0jLH{(kAA|$0H_AD$,t2MdLA3191H{(?HHC(!A|$0

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M'1AWAVIAUATAUS1IHH_83uLMt5A|$0IcLlHLH[]A\A]A^A_L{0H
WxHcH@A|$0xMaaDH{MfCtV=H
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Mt3LA!
HsH{LK 1A2BtHC HMHC(H{(;H{(D$;H{(;T$1~MAD$0LH{(k;A|$0H4AD$,tGM@!,' LL1+H{(:HHC(A|$0
M3@H{(H
uAWs 4
HSLCH
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,DCfD16M fDLA30H
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sAgs
M31fLAD$,
M15H5sH8HtHHHH
rAA HD$r
HD$ff.SG HG0G(rHHC8[HtSSHHH5lrH{H5WrH{ 7HH5:r[fD1HtW$uUSHHHo80t}t=C0HYHC8C(C
H[]6{0HyUIUSHHHHHt1HdHPHtHH[]H1SH5qH1Ht HC8[fHtCSW$HtG u9C
C(H{8H5qV[1D0fDATUSHaLg8D$HH
qHHcHHAD$pHa1LH.HH[]A\A|$tZu(AD$tHH[]A\A|$ttH1H[]A\0LD$ HHD$ eHc\$ jH\$
H[H5JpH=sp{9fHc_$1DO EHG0tEG0HcD1HfA<$D$H0HL$A1
D$HcHH=CpH{fDL/
u>Ht$ 1L0.t&DD$ Eu|$$u|$(HDL.
_@H),fLHT$/HT$HtH9HNHLHDA\$xfDHt$ 1HTDpHH{0AD$ D$f^f
{0HLLD)D$XA\$xUHt$ 1HTDpHH{0iD$ ff
{0HL$A)D$HcHH=gnfDL+-
Ht$ 1L0-T$ D$$x|$(HDbD_$ESES$C C03fW$0AH=0AH
oEA$0LD$ HHD$ xaHc\$ fH\$ HWH5FlH=ol5DAT$xH-A$fDH=lHDW EC C(Ht$ 1LQ+t%t$
uL$$u|$(pH)I|$ADpIID$hHHI)AL$pHTf.H>{0HL$LD$1{cD$WXA\$x{0HL$1A
D$HcH0HT$yHT$H9NIATUASH*HHtHcDhHH[]A\Gttt1@rwf.AWAVAUATUSHHHo8D$pHAII1HLt$@HD$L
HH{0HLDD:L$H|$
1ZHHL$(HH9~H)HH@BHt$
HHD$8H)H9}HD$81HHL$0HGHB{0HL$0A1LL$L$5){0LLLIcLIUpIAu^HAAwQA?tE
HAEt0fDE1HD[]A\A]A^A_HExHK8{0H
H~HAyH=hDH)H9H9H9@H|$H5gH=g@HL1,H.@H=g,H=gKffffff.AWAVIAUATUSHHcHLg8IAD$pt6}0HL@
HA~EH[]A\A]A^A_@L0'LA'}0HIE1LCwA}t
HAEAD$tff.AWAVIAUATUSHHH$Le8HIHcAD$pt3}0HLeHf~BH[]A\A]A^A_LX&LA-&}0HIE1LCwA}?t
HAEAD$tG G0HG8G(ffff.USHHH?~ S$H[]fDi~%{0HH[]16fDhuRHtw$k$C C0H[]HcG$H[]DH[]@1tH1[]G
tgHHcG0OHcG0Du{0H[]1W uC C([0HLHLHfD1Ht1W$t%SG Hu"C
C([DfD0fDHGIATUASHHHtHcDhHH[]A\Gt~kt
|rw@tt1v1DH8Hfff.ATUS1Ht9IHA|$0HcHrHL ~[]A\Dyt LfDATUHSI?}0HcLHH~[]A\t
HfDHcAWAVAULlATUSIHL9HILIDH{
tJI9tEAA|$0HhHL}t
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HxG G0HG8G(ffff.SHHW8H+1Ht;t
Hw[USHG tHu1H[]HO8HHHcHFH{8tH
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[fffff.ATUSHH H8H~SkI7}t*js$'Lc8C k$H []A\) S$H []A\fDpl\S$@C$ZHH@8HTHl$H5n Hr
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G0HG8H=[0HfDt1USHHHHH1[]zAVAUATUHSH5[AHcHIcIHHHE1+ADH[@AHckHLHHuMcH`[IT-
KH5|15H5ZL[D]A\A]A^DH
ZAA [1]A\A]A^@AVAUHATUHSxH5ZHAHcHHcIHHHE10ADHZAHckHLHHuMcHhZIT-
KH5|1=H5ZL[D]A\A]A^DH
YE1AA [D]A\A]A^H;IATH5g[USIs1HtiHHHt_H50[{ HHCt`HooB@HAD$0I\$8ID$
[]A\@H5ZHx[]A\DH;PH5Z}Hf.AUATIUSIHG)HG8HhtH(L0x
HEHcH9GMt&H}u A\$0uFH[]A\A]fHuLcLLL)eL)eLeH[]A\A]DL H[]A\A]fDHtKSW$H_8tG
tHu;H{H5YH5YH[1DG)HtH@Hffff.ATUSHHo8DG(LMLeEAMME
vH)8NJ1I:GrG!stLW0fDt W$H[]A\HcG$f.HtEuAG
t:IqI|$H9t,IH$HELeHHIIT$HP@L!fDI|$HsEAITIAo$AAoD$AA4fDHI"IRH1I$t3s t,Et
IDLHLH$LMHL$HoSHMAoAAAAoA$AoAAD${D19I$LMLe@ATH5VUSIs1qHtf1HRHHtbH5V{
DHHCtcHooB@HAD$0I\$8ID$ []A\H5aVHx[]A\DH;H59V}H\f.HAVAUATUSLw8G)HItSIFL C uUBt%I>Hc-
HIIcHcLHxIIFooB@[]A\A]A^DH[8HtHCHHpHzH9tHHCHHH
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t HH9uE)HE8LhtL(HIEHcH9BMtbHuB]0u.H[]A\A]fA$1H[]A\A]@
H~HcA,H[]A\A]fIuHcLHI)mI)mImAWAVAUATIUSHHHE)L}8HHACtRIGL E
uYB4#I?HcHIIcHcLHx4IIGooB@HD[]A\A]A^A_Hm8HtHEHUHpHzH9tHBHEHUHH
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RA~u A g@HI3IH2IUSHHteHHcyHH6}Ht4HH8HHIHZH*oHjoBAH(@0H[]fDH
QA^s~ / 11ffff.ffff.1wHfHtHHHf.1ffff.1ffff.Hi2IG G0HG8G(ffff.}

tI u4W$ht;iuG HHcG0tHcG01DfDHcG$SHHHtuSC C0H[fs uC C(f{0HLHZHLHHfff.1Ht1W$t%SG Hu"C
C([DfD0xZfDHY1IATUASHzHHtHcDhHH[]A\Gt~kt
|rw@tt1v1DHg8Hfff.ATUS1Ht9IH8A|$0HcHHL|~[]A\Dyt L|fDATUHSI}0HcLKHHK|~[]A\t
HH|fDATUHSHIHf}0HcLHH{~[]A\t
H{AWAVIAUATUSIH HInHoHFH$H|$XI)$fH~Hl$I.IoGHl$In)$fH~HD$hoG
Hl$(fH~)$IHHoG0HkAI3~P)LH$Hy!~[I3~XH$H$InMN@L\$`fI~HTpHlInLL$ Hl$0In
Hl$8In(Hl$@In0Hl$HIn8Hl$PHD$`Hh(HLpLHLhL`
Hl$Hh0Hl$Hh8Hl$Hh@Hl$HhHHl$HhPHl$HhXHl$Hh`Hl$HhhHl$HhpH@xHl$Hl$
HDHDXH;l$hHh@HT$HtHTLLLtL$$HpHIHRQH1Ll$IHHg jL1MJH
Il>+hH,2HHD$I1LI+rn<I1IL1O#MH Ld$L1HHI1LHHt$xH;gL40Ht$pL1LL$HHH1I1HI
IML1M1HIMHtLLLD$I1HL$LMI6_:OII
I1MIM1MIM1LII1IMM1LD$I M1MIL1HIM1IH|$Ht$ML|$pL|$xL1HLLH1H1H|$H H
Ht$IHM1I1IILLH1H1HHIHM1I1IIHLLDH<$LI1HL$HI H1MH M1ILI1IMM1IML1LD$H
HI1IML1HHI1IIHt$H|$L|$xL1HLI1Ht$HL$I L|$pHMH1M1HLIILI1HL$I1I
L1MIHMM1M1IILLD$H|$I1IMIM1LM1LD$I H1H|$MH
IIL1HM1IIM1LIH1MHL|$pL1IL|$xHM1HLHtLD$ILI1LHL$I H1Ht$MH
M1HII1LII1LIH1MHM1HII1MIL1H|LDH Ht$HI1HIH1H|$MH LL1II1HL1I
HHMI1HM1IH1L|$xL|$pHIL1HIHLHtLD$LI1HL$LI II1MIM1MIM1LII1IMM1LD$I
M1MIL1HIM1IH|HtML|$pL1HLLH1H1H|$H H Ht$IHM1I1IILLH1H1HHIHM1I1IIHL$L|$xLD$H|$LI1H$I
HMH1M1H ILI1IMM1IML1LD$H HI1IML1HHI1IIHt$HL$H|$L1L|$xL|$pHLI1Ht$LI HI1MH1I
M1HL$MIHM1LIII1L1IHMM1ILLD$H|$I1IMIM1LM1LD$I H1H|$MH
IIL1HM1IIM1LIH1MHL|$pL1IL|$xHM1HL$H4$LD$ILI1LHL$I H1Ht$MH
M1HII1LII1LIH1MHM1HII1MIL1H|LDH Ht$HI1HIH1H|$MH LL1II1HL1I
HHMI1HM1IH1L|$xL|$pHIL1HIHL$H4$LI1HLLDI LMI1M1IIIMLM1I1IIMM1LD$I
M1MIL1HIM1IH|HtML|$pL|$xL1HLLH1H1H|$H H Ht$IHM1I1IILLH1H1HHIHM1I1IIHLLDH|$LI1HL$HI
H1MH M1ILI1IMM1IML1LD$H HI1IML1HHI1IIHt$HL$H|$L1L|$xL|$pHLI1Ht$LI HI1MH1I
M1HL$MIHM1LIII1L1IHMM1ILL$H|$I1IMIM1LM1LD$I H1H|$MH
IIL1HM1IIM1LIH1MHL|$pL1IL|$xHM1HLHtLD$ILI1LHL$I H1Ht$MH
M1HII1LII1LIH1MHM1HII1MIL1LD$H HI1IML1HHI1IL|$xH|HtL|$pHH1H|$LH I1II
L1MHM1HH1HIL1HIHHtLD$LI1HL$LI II1MIM1MIM1LII1IMM1LD$I
M1MIL1HIM1IH|HtML|$pL|$xL1HLLH1H1H|$H H Ht$IHM1I1IILLH1H1HHIHM1I1IIHLLDH|$LI1HL$HI
H1MH M1ILI1IMM1IML1LD$H HI1IML1HHI1IIHt$HL$H|$L1L|$xL|$pHLI1Ht$LI HI1MH1I
M1HL$MIHM1LIII1L1IHMM1ILLD$H|$I1IMIM1LM1LD$I H1H<$MH
IIL1HM1IIM1LIH1MHL|$pL1IHM1Ht$HL$L|$xILD$LLH1Ht$I1HL$H I
HMI1M1IILLH1I1HIHMI1M1IIML1H|LDH Ht$HI1HIH1H|$MH LL1II1HL1I
HHMI1HM1IH1L|$xL|$pHIL1HIHLHtLD$LI1HL$LI II1MIM1MIM1LII1IMM1LD$I
M1MIL1HIM1IH|HtML|$pL|$xL1HLLH1H1H|$H H
H4$IHM1I1IILLH1H1HHIHM1I1IIHLLDH|$LI1HL$HI H1MH M1ILI1IMM1IML1LD$H
HI1IML1HHI1IIHt$H<$L|$xL1HLI1Ht$HL$I L|$pHMH1M1HLIILI1HL$I1I
L1MIHMM1M1IILLD$H|$I1IMIM1LM1LD$I H1H|$MH
IIL1HM1IIM1LIH1MHL|$pL1IL|$xHM1HLHtLD$ILI1LHL$I H1Ht$MH
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HHMI1HM1IH1L|$xL|$pHIL1HIHLHtLD$LI1HL$LI
II1MIM1MIM1LII1IMM1LD$I M1MIL1HIM1IH|$Ht$ML|$pL|$xL1HLLH1H1H|$H H
Ht$IHM1I1IILLH1H1HHIHM1I1IIHL$LI1HL$LD$I H<$MM1ILHI1H1IH MM1IML1LD$H
HI1IML1HHI1IIHtHLH|$L1L|$L|$pHLI1Ht$LI HI1MH1I
M1HL$MIHM1LIII1L1IHMM1ILLD$H|$I1Ht$IMIM1LM1LD$H1I H|$H
MIIL1LM1HIIH\$LM1H1IHML|$IH1HL$L|$H Ht$HI1LII1HL$LI

H1L1MHM1HII1L1DLLDXH\$I1L1IMIL1H1|$(M1H\$(ILIXH1t$H1L$0L1L3l$L|$HLD$H|$0M1L1IHHM1IH
1T$8L1L$HL1I1LFH1D$@L1|$PHHHyLl$@HH|$8L\$HLTPHDLt$hLj(Hz Lt$`ILt$
LZ0HLR8LDLHDpL)$H []A\A]A^A_f11HfD$fLHD@HH)DHDHD$)D$D$HGHH)1HHg
jHH;gHBH+rn<HBH6_:OHBHRQoHB Hl>+hfD$HB(HkAHB0Hy!~[HB8oBfD$BoB fD$B
oB0fD$B0fAVAUIATUHSHAHLm`I)I9s>Hua1Hv.ILAHLDL)HILHLHLH[]A\A]A^DLLL)HLM1HHoATUHSH
Lf`HHFP1H)LQHLH?HHHEHCHEHCHEHCHEHC HE
HC(HE(HC0HE0HC8HE8[]A\AWAV@AUATIUSIIHpH@An$oLFH|$HT$
)D$(f~l$A.oG(lAnLfA~)D$8A~,DD$@t$|$[DL$|$,t$\$<t$0L$4DTDlAnEN
L\$El$AnDL$lAnlAnlAnlAnl$fDHT$DBjD2DJDjDbDDDBljDD$DB
ljDD$DB(l$j,DD$DB0l$j4DD$DB8l$R<HlDDDDTDE
DH;THDLDDDtDlDdDBG7AD$5RQD1EDL$g
jEA1DDL$AED1A1AA1DD|$D$B+Ern<E1DG$:5h3D$DgD11AD1ADDd$tDDA1L$EDAAA1E:OAEE1E1AA
DA1AEE1DD$AE1EAD1AE1AED|$D|$D1|$tLDD11|tADE1A1AADD11AE1A1AAA1ALDDE|$E1ADA1
A1EE1AAD1ED1DD$A1AED1A1AD|$|tL$D|$DD1A1t$A1AAL$EEE1E1AAAD1DDA1A1AEE1AADD$|$EE
1AADE1DD$1A|$EAD1E1AADE11AED|$AD1D|$E1AtLDD$DDA1L$1At$EE1A1AADDA11AEE1A1AAED
1|tDD$A1AD1|$EA1D1AAt$D1EE1A1A1AD|$D|$AD1DL$DD$A1AEDE1A1L$AAAEE1ADA1AEE1DD$AE
1EAD1AE1AED|$D1|$t$DD11|$tALE1A1D|$AADD11DAE1A1AAA1AL$DD$E|$E1ADA1A1EE1AAD1ED1
DD$A1AED1A1At$L$D|$D|$|$DA1t$DAA1L$EAE1E1AE1DAAA1DD1AA1EE1AADD$|$EE1AADE1DD$1A|
$EAD1E1AADE11AED|$AD1D|$E1At$LDDDDA1L$1At$EE1A1AADDA11AEE1A1AAED1|tDD$A1AD1|
$EA1D1AAt$D1EE1A1A1AD|$AD1DL$D|DDA1AEDE1A1L$AAAEE1ADA1AEE1DD$AE1EAD1AE1AED|
$D|$D1|tL$DD11|$t$ADE1A1AADD11AE1A1AAA1AL$DD$E|$E1ADA1A1EE1AAD1ED1DD$A1AED1A1
AtLD|$D|$|$DA1t$DAA1L$EAE1E1AE1DAAA1DD1AA1EE1AADD$|$EE1AADE1DD$1A|$EAD1E1AADE
11AED|$AD1D|$E1AtLDDA1L$1At$EDD$E1A1AADDA11AEE1A1AAED1|$tDDA1AD1|$EA1D1AAt$D
1EE1A1A1AD|$D|$AD1DLDDA1AEDE1A1L$AAAEE1ADA1AEE1DD$AE1EAD1AE1AED|$D|$D1|tL$D
D11|tADE1A1AADD11AE1A1AAA1ALDDE|$E1ADA1A1EE1AAD1ED1DD$A1AED1A1AtLD|$D|$|$D
A1t$DAA1L$EAE1E1AE1DAAA1DD1AA1EE1AADD$EE1AAE1DD$AED1AE1AD|$|$ED1D|$D1|$AE1AD1A
E1AtLDD$DDA1L$1At$EE1A1AADDA11AEE1A1AAED1|$tDDA1AD1|$EA1D1AAt$D1EE1A1A1AD|$D
|$AD1DL$DD$A1AEDE1A1L$AAAEE1ADA1AEE1DD$AE1EAD1AE1AED|$D|$D1|$tLDD11|tADE1A1A
ADD11AE1A1AAA1ALDDE|$E1ADA1A1EE1AAD1ED1DD$A1AED1A1A|$D|$tLD|$D1A1t$DAA1L$EA
E1EAAE1D1DAA1DAA1EE1AADD$|$Et$E1AADE1DD$1A|$EDAD11E1AA\$DE11AED|ALD|tA1ADA1
L$DA1D1E1t$E1t$AA1D1D$DLD$A1D11L$A\$EL$D11|$E1|$AAD1ApMAxAH1T$D3l$D|$E1\$D1AE1D1L$
A1D1|AAA^D11DE\$D\$DTA^DLE^DL$EVL4$Lt$L)t$
D$iHp[]A\A]A^A_f.HHD$
HDHDHD$H(HGHGHHfo#)Hx1HfD$fo#fD$BfAVAUIATUHSHpA@HLm0I)I9s8HuT1H@v+I@LA?HLDL)
HILH}pLHL3H]p[]A\A]A^LLL)H@LBM1H@HEpwffff.ATUHSH~pLf0@HF(1H)LHSpLHHEH9s
HCH9r,oEoCEHx[]A\@ECECECECECECECESH[HH[ff.USHHH_[HHH[]Hff.H7[HH{ff.HIFSH[HH[ff.USHHH
ZHHH[]Hff.HZHH+ff.H)FE1AfDHAH HfIHLHIHMHfIHHLGHIHfIHHLWHIHfIHLGHH
AIuEuL@HH&IHLHAItHHfIHLGHAItHHfIHLGHILffffff.E1A~|t~fDAHH HfH
IHHLOIHfIHHLGIHfIHHLOIHfIHLGAIuEu
LfDHH&IHALItHHfIHALOItHLHfHHIHOL~\tZfHH@HH
HWHGHFHHWHGHFHHWHGHFHHGHWuu@HHHHWtHFHHGHWtHFHHG
HW(fHHHH1~'M)DLLLH@uML1~'M)DLLLH@uMLE1IHMMLH"IIHLMHI`IHIHFI IHIL_MHFI
HIIHFI`HIIHI`HIIHOLHI`IIHHFI`IIHHFI`IIHHFI IIHLWMHF I IHIHFI`IHIHFI`IHIHFI`IHIHI` IHIL_
MHI`(HIIHFI` HIIHFI`HIIHFI`HIIHF I`HIIHF(I HIIHO(LHF0I IIHHF(I`IIHHF I`IIHHFI`IIHHFI`
IIHHFI`(IIHHI`0IIHLW0MHI`8IHIHFI`0IHIHFI`(IHIHFI` IHIHF I`IHIHF(I`IHIHF0I`IHIHF8I
IHIL_8MHF8I`HIIHF0I`HIIHF(I`HIIHF I` HIIHFI`(HIIHFI`0HIIHFI`8HIIHO@LHFMMI`8HIIHFI`0HIIHF
I`(HIIHF(I` HIIHF0I`HIIHF8I`HIIHOHLHF8MMI`HIIHF0I` HIIHF(I`(HIIHF I`0HIIHFI`8HIIHOPLHF
MMI`8HIIHF(I`0HIIHF0I`(HIIHF8I`

HIIHOXLHF8MMI`(HIIHF0I`0HIIHF(I`8HIIHO`LHF0MMI`8HIIHF8I`0HIIHOhHF8I`8IIILWpL_xfff.E1IHMLM
H"IHILMHI`HIIHFI HIIHOLHFI IIHHFI`IIHHI`IIHLWMHI`IHIHFI`IHIHFI`IHIHFI
IHIL_MHFI`HIIHFI`HIIHFI`HIIHO
LHFMMI`HIIHFI`HIIHO(HFI`IIILW0L_8@E1HMMLHIIHLMHFH&IHIIHILWMHFHHIIHFH&HIIHIIHOLHF
H&IIHIIHHFHfIIHIIHLOMHFHIHIHFHfIHIIHIHF H&IHIIHILW MHF(H&HIIHIIHF
HfHIIHIIHFHfHIIHIIHO(LHFHIIHHF
HfIIHIIHHF(HfIIHIIHHF0H&IIHIIHLO0MHF8H&IHIIHIHF0HfIHIIHIHF(HfIHIIHIHF HfIHIIHILW8MHF
HHIIHF(HfHIIHIIHF0HfHIIHIIHF8HfHIIHIIHO@LHF8MMHfHIIHIIHF0HfHIIHIIHF(Hf
HIIHIIHOHLHF(MMHHIIHF0Hf HIIHIIHF8HfHIIHIIHOPLHF8MMHf
HIIHIIHF0Hf(HIIHIIHOXLHF0MMHHIIHF8Hf(HIIHIIHO`LHF8MHf0IHIIHILOhHF8HHIIHOpLWxfE1HMLM
HIHILMHFH&HIIHIIHOLHFHIIHHFH&IIHIIHLOMHFH&IHIIHIHFHfIHIIHILWMHFHHIIHFHfHIIHIIHO
LHFMHfIHIIHILO(HFHHIIHO0LW8AWAVIAUATIUSIHHcZn9}
IIHcuLv1HMmAAl$I,$IA)HLHtH|LEt<AVIH41fDHHHHHH!H9uJ|HADADH[]A\A]A^A_@AWAVAUATUS
H^HcjAA)IIHT$1HHT$M>MuHHLLI4/LEtBAT$IL1@HHH)HH|HH!L9uMcJltH}HEtHH8uuA]AEH[]A\A]A^A_
H
Ads
1AUATIUSHIH^;ZtUHHj#uYL1WA]H[]A\A]]LHLA]H[]A\A]A]H[]A\A]@A\$HLLEA]H[]A\A]fDAUATIUSHI
H^;Zt0A]H[]A\A]HHFu$L1A]H[]A\A]fDAD$1HLL@]LHLA]H[]A\A]HtKSHH?H{vH{mH{dH{H[HH5YZ[OfDf
ffff.HATIUSt|Hj8H^9_|OLcgLcMMt,HLLHL)JDII?L!HH9uM)A1I?E!A1DW[HHH]A\fDHrHwH

AkeZ [1]A\[]A\HJHHffff.HH1SH_ HH[f.SHHC [AUATIUSH5
IHPH$OHH&HHCHHMtLHHt\MtLHHCtFHHHCt5HtH{C(HH[]A\A]H1HH[]A\A]H
1A%Af DH
A+Af
H5H,1Mmfff.HHwHHHG0ff.Hw0ff.AWAVMAUATIUSHIMHHHH;H{bHHCtH1HiHCHt`MtL{@MtLs8!Lt$2fH
SH{MH3LIHD$tHsH;uMt0HH[]A\A]A^A_f11HH4H1HHDHC@H;MHKHSHHLK8MkHS8HcH{LHOGH;HS8L
H5--+HHC fH
Aq 5:]USHHH?}HHttC(HHS0
C(H{t u'HK8HIHH=uq1{(u:C(H[]H
Abkg 1{(
tH[]C(tfH[]H;HK8IHHfHKIHHMH;HKIHHg@E1E1H11HH@ffff.AUATUSHH:|HzHtrz(HIIuCB(MtHsLHt5HK8
HHtjHMH[H]A\A]fHHuH1[]A\A]@H
qAkd/ H1[]A\A]fHKHM[HH]A\A]@HH1HH=`fff.HH=v|fff.HH=\fff.HH=v<fff.HH=fff.HH=
fff.HH=
fff.HH=vH5yH@IHt9HH@H@H@H@ H@(HDH
!AAjHD$r HD$ff.HgHt@<HfDHAUATIUSH5HH FIID HtUL-
@HH;tHBHH9uI<$/LHID$FI\$HI$uHLH50[]A\A]`Ffffff.G4uW8t
G4AUATUSHHG(Dg0;G,tHo PS(DdH[]A\A]DuTA H5FHHtHC(H{ H5EHk Dk,C(D,@ADHH
IA A H
(Am~ C45DHHHvH{ [@HtaG4udG(HW
G(4G09v9O)Q)OHuCHWHHWtuw0G8G4fADAVAUATUSW4uyG8urG;GHtuFHHOCH@L$M61L,Ad$C0[L]A\
A]A^fDHOuHHOE1[L]A\A]A^fH5o<>DHIILHuYfHH$I9uH;HCIItCLLsLsCC!HHHL9uLsLsL3H
A?AB fH
C8Amt
E1AWAVMAUATAUSAHLIH(HT$`HHHt3IMLDDHt(H(H[]A\A]A^A_fDHHuH1fff.AUATIUSHAHLH(HHHL
DHH([]A\A]AVAUEATUISHAHLH HHIDLDHH
[]A\A]A^AWAVAUATIUSLILHxHtHTGMfHHHHHDHHLHHHcEL}I|I~@)AT$,?)LcILHI
E~AAV1LIMLfHDHHHL HHwL!L9IuLtT,Ht$ELl\McvD}E9+DD)D$

HHHDPHDHIcAHHD$@HD$0HEHL$8H|H|$Ht
HDHD$@t$ L>HH|$GA3EA|$XH<ADD$ AD$M$$HHL$0Ht$PD$ Hl$0Hl$@H\$`NlM44HHHLt$
HILtHHDPAGD$\HHD$hfDIUII9th1L9IEtI}IHIHHHH9Iw?H9rH9t5LLfs*f.uH9sILrH9IH)I9sHD$0LDHH0H$
H8H<Ht8L$XHHH2HCI)HEH<$HL$0HLHJI9IH@H9@A}LH9L$\E1tIAH!H
HD$HD1~L$H)flAH|$@AM01HfDfAo
fHD9rt$@A9t"IcAI4H!E9H4~McK#JDHHHl$ IEIHD$ H;D$PL %HD$Ht$H\$`@D~FHDHtT,HHV1AGH|D
dHuH 1Hx[]A\A]A^A_HIH|$h1fI4H!H4
HH9uH$H@H|$D1D)HHcHJ<dD$ H|D HD$PGLcHDIAH!H
fff.AVAUMATUISHHIHHMHcSHD$H|tRMHLHLNt_MtLD$D$HtEHD$D$H[]A\A]A^H
Akk D$H[]A\A]A^fDH
Agk H1[]A\A]A^HBu Ht
HH=Fs H=-Fs
HAWAVAAUATIUSHEH8H$$1HWDAAAZAL$F!SAAAA!AAAAA!D!AA!A$AIHIIL$McAAAAM?L|$N<DK
IYLcL|$H\$0JMcH\$`JLcH\$XJDHE!H\$PAAAILL$8DNJEHH\$(JDOH\$
JAAAH\$E!AAAILL$hDNJEHH\$HJDOH\$@JAAAH\$pE!AAAILL$xDNJEHH$JDOH$JAAAH$E!AAAIL$DN
JEHH$JDOH$JAAAH$E!AAAIL$DNJEHH$JDOH$JAAAH$E!AE1AAIL$DNJEHH$JDOH$JAAAH$HE!ApAI
LHHwHHH !HH$(H\$`H|$PHELL$H4+H\$XIL!LH4+HH4/I!LHt$(H}L!I H\$@HI M!LHt$ L!M
HD$HL#D$8L\$hHI!H6M I HH}HL!M!I H4+H\$pM H!L!M!H6H M L+HHDxML!H H4+H$M!L H!L
IHEH>H4+H$H6L!H!L+H H$M L!H M!L H!L [H$H}
HtH$L!LHtH$H6I!LLH$I H$M L!I HtH$M!M L!H H}(LHtH$H6L!I!LLH$I H$M L!I HtH$M!M L!H
HE0LHtH$H6L!I!LLI H$M L!I M!M L!H uQH$LM8H4+H$M!H>H4+H$ H6H!L+L ML!H M!L H#$(H
H\$Hl$JIL9|$0ZH$$HH8[]A\A]A^A_ED~MMcIMBM$H11fAH9A1HAEAD!HH!H
A9uLM9I2MaIfffff.AWAVIAUATHUSIHLHhHt$xuBHxL~Hh[]A\A]A^A_f.HAHHHDIHD`HD$
MH$tJHrUtsH|$HNHt)HL$H<$HAHUf.1HH<$J1L}.@H<$HH~Ht$HHLtLwAAAOA#D$DHH|$ILLy1Lt$`Hx
HIItHIHTH2H9l$L|AD$D$LrucD$I1La|~DDD$
DDDDP|DdDDAxGAfAAt3DLqtD+LDDtDAD;t$utOD$H$ILLHHT`Dd$AD)d$1t$;lHILLLuRl$
tHILLLo"DDJffff.AWAVAUATIUSIHHHHIxuL8xAt9H
A1B{E1v HD[]A\A]A^A_H
M9L9L,$HH<$IHLH`{HH?tHD$svH<$L/{Htb|$AAD9d$t|HLLgt+DHotH<$HLH2ufDHpHH$H<$Ryt_L9,$AtH4
$LE1nzHADAVAUIATUHSHHIMvuH{vt/H
0AB}u [1]A\A]A^L;vuMLHHL[]A\A]A^ff.UHAWAVAUATISIHHHxHLELMtCtH}EeHEHHX' AvLLMlAG
7 t2
B0A h 8hC$89LDD4A~@AHc HHH)HD$HHp@IcHHPH`HC P& P
PH@IcL`IuL4HHLEEIJ|6DeDeI<J7H}HUHHUHUIHHAHILLNHVED$L9ILAH9A!A
HAtHNAHHOA)1HfvHEHH`LA1fDfAofHA9wDAD9t%IcAHE9HH~McJHJDeHEHMHXLHH(.]ALED}HcuLm
0HXHPD9Hh})I|1L8DH&RL8E9~,DMc1K<L8DHQL8HXO|5HP
KD5H9HB@I9@AEHAOHAt$AEAEANA91tH2I7)H1ALLALE1fDfAo
AHE9w9tHcHD9I}HcHIL`LHL1LLZHHcuH}LEHHuLhEH}LH"H}LLAAHH}LhELHH!H`HHIcH}EGAuL`AH8
AEHLhHuH}EPLLC\-+HHH}LLtGXZL`LH@H}LhELHH$!H}HcLL0G~L`II
aH8HHH`AEHLhHuH}EPLL*H}LLHFH}LhELHH H}KL-
LHIFIAZA[uH`HHLLhH8@SHHuH}EMRLLG*HHH}HLH-
FH!AXAYutgfffLhL`H8N))DID)F?AI1xcDCD9}ZDLHc4>LM?)t#IA9N KD@)HI
D!HcH`HHH}EAE~OLhHDIf.I}DH}HH`PLEMHA8ZYH}LhLmL1EHBLADesEMHMHXLHxE1A@LjHx1Aoq
DH}oHItHMLLH5wE1H}H}(@H
Aff|Ak HeD[A\A]A^A_]f.Hx_oAf.bLmHMHXHLzE1H}HPH`H@H5Jc$,HHXHULHtAHX
{Lh=LxLoHHXI7AIMHI>LHL@PAFAFLpXf1HfOHHH1H1E1.
f{Lg=AGf.H5L`"HH@L`H1LHHx@IcHHPH`7JLH*t0YALMLhD8:E9EENE~3HchAQH`MLHfDIIHHM9uD9AO
~5H`HchLHQNHItfHHH

HH9u8Lm#H(LELHXHD9eDHENM~7HchH`H|HHHHH
HH9uhH`ALcIH0LL(HD LrHHDLEHXLLL>D9eDHENU~&HtLfHHH
HH9uIL9HuH0tA8DRD)A?AI1x`DCD9}WDDLHcA4>L<M?)tIA9~KD;@)HI
D!D8H`DLEsBhE8DhHHDLXL}DtE1DMLLLL~AD9u)tHHtwB?I19}XH?AHcALDH?D)nH9`@)JDHHH
#8EL(H`hLe4MLLLL}tfDAh18iElLhH}EMLAHH$H}EMLHHH}EMLHHH}EMLHHH}EMLHHH;D<H}HH`PE
MLH
E^_MAD$HfDHHHHH9uTHxL8iH1HIHA9A!IcHILxLhHHXI7AIMHI>LHPL@AFAFLjw8!HX~AWAVIAUAT
HUSHHIHXMMduHodt+HXMMLHH[L]A\A]A^A_3L3duLcD$tOH`D$uoLb`1L`fHX[]A\A]A^A_fH
A>fm_b D$fLLLHD$ sLHD$fHIHD$P5MLt$JEuLHLL$(ZLL$(x&LLHLLL$(lLL$(LHT$LHLLL$(|D$LL$(==
O8D$0D$(HL$H|$ MLLy(HD$PL|$8Ld$HILd$Hl$ Lt$ Dt$0H\$@HDL@HJJtMLHH-yIE9L|$8H\$@LdHLt
IcTIH|HoWHT$H|$LHztjlLtALt$L|$0H<Z)EL|$0HT$LHtLtLTz@MtBLDDcHXL[]A\A]A^A_c1HD$1H
|DzDHD(szHHD$tLLH{LL$(tD$0 D$(D$0D$(D$0D$(Lt$,Lt$ 1 D$(s|$(=AE1AAxjLl$ EAH
AAt;DHDL$@DD$8XDD$8DL$@tD)AAA;\$(uHDELl$ Et;DHL$MLLHHTPv`AG))E1HL$MLLLDL$ v)ADL$
E9~H|cHIHD$H0HHHLFHQHA}I9HVAH9A
HHQHHV)E1HfvHAE1LAHfCoAfBIE9rAAD9AtHHHHH9HDhHLMLLLpuLt$U1HHHH9AE11DAWAVMA
UATIUSHIH8H<HLL]uL]t;H
ABuj\ 1H8[]A\A]A^A_fLx\A|$uI4$L1H6IHZAM}LL=LH2HHD$ HDHHDDML|$ Ld$(H\$
Ll$AELHqD_?HT$LHH[AHLMHHHtE1H|$
UtbHT$HH1IHHL9*ELH+^HT$LHH;[Ll$E1tL1IHIL9EI^8H<$1E^H
Afu$TZ $@1HD$H|$L$$fDtHL$(1MHLjtHLII{tHL$(1MHL"mHLl$LIL3WH<$H8[]A\A]A^A_]1H|$$pt$IDL|$
 Ld$(MLHHHl$ 1MLHkHT$H<$LHssHHD$`LLH!tLIt;LHS\NHT$LHHX3xpH<$\AVAUIATUHSIHHMQXt-
{uCt@MHLHLE1[]A\A]A^MHLHL[]A\A]A^t@LYuHYuHXuHMH[LLE1]A\A]A^H0ff.AWAVIAUATHUSHHI
H8MXuHXt>H
7A
B~E1
W
H8D[]A\A]A^A_DL3XAuHTD$t\LDLLHD$HHD$0tLLHHHD$aLT$udL.ofLTt1LAZ@f.H8L[]A\A]A^A_YLSL
TD==OGSD$ D$H|$MLLLKf-HD$0D|$(D|$ Lt$ Lt$H\$H&HtMLLHftHA9~ZLHHuD|$(1LAXD$ DOD
D$:D|$(Lt$ H\$LXaD$D|$H\$HADNu;!E
AD$ DD|$E1AAxT
AAtCH|DT,DL$(DD$ NDD$ DL$(T$,t
)AA;T$utEDMLLLHHT0dtACA)51H|$DL$ 9|MLLLLDL$
BduD|$AH|$MLLLLdA1WAWAVAUATUSHxIH<HLHLMHHIMQLDPLD$ HrH*HHD$0HHD$@HHD$
HD$pHHD$8H$pML|$(D$==OTRDT$PD$LqfH<$Hx[]A\A]A^A_UH
aA$fvR 1Hx[]A\A]A^A_D$P DLD=5=OlTRDTXD\D$X D$\MuLHFJx HHl$ 1ILH*H:OBHHl$
HT$(HHQ|$LHD$PuHLIx'Hl$8HT$1ILHbHl$H|NLl(Hl$8HHt$LHQtz|$\H|$0ILHH!jtUL$p,ItHL$(IHT$0Hit(H
9l$XHHIDu1fDMt=H$$HD$(1H<$1SfD1H|$($
k$@D$XD$\3D$PD$LkjHHD$(tHLHktf.DXD\D$PD$LkHL$(H|$0IHHhHDpLt`L|$
Lt$(L|$0LdhDdPLl$PIHDH0HJDt<JtILLH`ht.IE9Lt$`Ld$hLl$PL|$ L|$ 1fL|$
\EHT$(H|$@HHN:TD9MD$P+11Ld$
H\$L|$0E11HD$D$AAjH|$@LD$HcHL$(HpHg1H|$@LD$HL$(HH_gD$HD$Etit~Et:A9u5AH|$@LD$IcHL$(HT
pHgtD$E1t A9A#D$ubL!GAuH|$
 GlD$P+D$\+DHl AADHFtSA9AD$\$XD$8H|$
F;l$8u\$XD|$PD+|$LD+|$ADLiFtSA9AGA\$XDAD$8L3F;l$8uDA\$XH\$L|$0HT$(Ht$@HH<$EfH\$L|$0A:4A
WAVIAUATHUSIIIH>LLHHLHHPHLHPHEHCHDy HHHE1fDH Iu\HdKHTKHHHtJHHt;HH
DyHHHEDHH1LfH[]A\A]A^A_DJHHt)ufDHHrtHHtAHL13OHjAWAVIAUATIUSILHxH|$HGt
HtE1HxL[]A\A]A^A_LGuHtLJuLJLLLHLHLHLHDLHD$(LHD$ zHIH|$H<$LH|$
1LLHMHLHMHL|$CuuHHAx6Ll$PL@HL!ILHLHS0L|$0Ld$8Ll$PL<$D$L4$Ld$(Lt$

f.L?HLHL$H|$HLLHHtLHezLHH\$HHLMMIHEq|Lt L|$0Ld$8L4$H{GHD$ HuLH<@DHt$
LLLRuDH|$tpE1L^L|$0L4$D>HItCH<$JH|$ 1JLHKHtLHKH
DLJLHLLHD$LHLH$LHD$(LHD$0LHD$ HHD$H|$H<$
JH|$ 1JLH6KHH|$L KHL|$HD$@UuHH>xtHT$LHHPu]L|$@H|$tH|$IeH|$
LH@=HIvHD$LELl$0Ld$@H\$HLd$(D$8Lt$(L|$0Lt$
H\$9f.H4$LHQ\$8HHLML4HHBHBHABA9HBHABA9LD$(HHLLtGLtD\LDtcH4$H?tLHH<L|$0Lt$(L|$qLGt
HHLuLDA|HL(H$LHCvpfL|$HLcLHm<eL|$HLLr5HLLLH)<LGHLLHt$
L#HHDH4$HfH4$HGHI$HH0|YjLkFIfDH
AelwB LZ@=H\$(H\$ L,LtL<$H
@AE19LATBtLLLBLLDH;tEt<dfDHAAtLHHtxHH+tiH|$Dz;tEtH|$DHt?Ht$H0:$HLLtHT$HHVL<$Lt$L|$[|$8H
\Lt
L|$0Ld$@Lt$(H\$HtoH|$@t:HD$ xuLH9xHt$ LLLKqHL|$L<$Lt$H\$(H|$ LHgtDHH!Ht$
LREHkLHHfH|$HH.H<$CH|$ 1CLHDHtH|$LDHL|$H(LDTt+H
AlnHD$? HD$H(AVAUATIUSFHrH9|LIH%D1HAL$5LEHM$I@HzH9@I9 IAH9I9@
@LE1HtII3AHA11A)HEM40M,1AHAoDfAHA9wDA9Bt$HcI<I3<9H<}HI4I34H4}9LcLMLJ)HjM$M(I)M9AL
H9AHD_A)A9rXtKK)1AAHtA1M1LfAoHA9wDA9tLcK9K}HcII{HC[]A\A]A^DAH<1I4I34H4HH9ufDW)H41
HIHH9uD1AVAUATUSHHDE5H9HvHT$AH1HDEH3HT$ELUHFI9IBH9ALE1HtI
AHD1)H1AM:HAfAoHA9wA9tIcAIE9H}IcIHEHDCD
fDGH7EHEZ?EEIAE9DA@A@A,?)A)f.AE9IcHLMtHBtjHzfEA)DA?)AF?EAIEA)IcMHIL14cEHA)DMIL1tGuD
LD)HHHH1<PDIL1DE9EE9DMcJ,EA?A)HEDIIMDbA@E1E)A@DHHEIDHEL1EtfHzEDDA?)AF?EAIMIHHL
14tEA)DMIMtL1tHDwEuHEDIIMhHP@H[]A\A]A^fDHGI@1Y=H[]A\A]A^A@IH<1fDIHHH9uof.AWAVAUA
TIUSHHHH|HHTHbHHAD$H4=HEl$A}Dl$ AYGt-IcDHEM<$HHMcIH4HLMMfLDLLd$M9N AL9AHE
I9N0L9@ A7A-HIHL$(HL$$HcEI<McL\$0HH|$8IIHI<I$H0MN$HIIHA@HH MN$I8I4H,H(AM MMAAM L$M
A@I8ML$AM IAM L$AM M NLN@AI LL O AI JI0@M L\$0IJL MAI KL IH(AI H@IHL IAI H?L H I H@HHH LH H6H
H|$8HI HHH@H HHH H JH@I HJH LH KL-H HI NTHHIIHIHIHHN,IIIHHMN,HA@AM MMAAM L,M ML,I8A@AM
IAM L,AM Dl$
M NLN@AI LL O$AI JI0@M IJL MAI K L H(I J@IJL MAI KL H I H@IHL IAI H?L HI H@HHH HHH H H4H@I
H|$0HH4H HH H4 L$$H HI LE]|$ LL$HfDo
)HL$(fDoLH1MTI1fo=MIIfo5fAoffDofDofDofAs<fAofAofDofAs8fsfAfAs4fsfAfDofDofAs0fofs
fAoffAs,fAs(fAofAsfDfsfAfs$fffofAfsfDofAfAsfEfs8fofDfofsfffDfAofAfsfAffAofsfAffAofAsfDfffAofsfAfAffAof
AsfDfs0fffoffAofsfAfs(ffofAofAfsfAfoffAofAsfDfffAfs
ffAofofsfofAofAfsfAffAofAsfDfffAfsffAofsfofAofAfsfAffAofAsfDfffAfsffofsfofofAfsfAffofsfffffofsffAQATQfA
offDofofofAsfEofEofEofAsfAsfEfsfAsfEfofDfsfDfofsfEfDofofsfEofAsfsfDofEfAsfEfEofDofEfAsfAs8fEfEfDofsff
DfEfAfDfofsfAfEofDofofsfAfAfDofsffDfAffofsfAfs0fAfDofofsfAfAfDofsffDfAffs(ffofsfofofAfsfAffofsfffffofs
fsffofofAfsfAffofsfffffAofsffsfAofAfsfAffAofAsfDfffofAfsfAfsffofsfAffofsfffffsffARA\RH9A)9McEMcN4fKIIII<
IHJN$HHH I8A@I4L MMAAI0L L$H,L LH(AH8H$A@M IHAM L NH JA@L MMAL AL NH0H JA@L MMAAL L
NH(H JA@L MMAAL L LH H HA@L IHAL H H<HH H@H HHH H H4HH H@H HHH H HH
IVO$LMMHMMHH4LLII@IH HIHHHH J4H J@H8H LH KNA@H J4H JI LMAI JM N$I0A@L I LMAI HJM I(@H
LMAL H NH4L H
A@H JI LMAI HM @IH HHL H H4H HH H@IH HHIH H HH IFEKD$ HE0HT$H|$H1v@fD1HHH[]A\A]A^A_DN\0HI
I)MdJ0I$IIII<IIJN<HHH I8A@I4L MMAAI0L L<I,L L4H(A@H8H$AM IHAM L N4H JA@L MMAL AL N,H0H
JA@L MMAAL L NH(H JA@L MMAAL L NH H JA@L MMAAL L LHH HA@L IHAL H H<HH H@H HHH H HH
ISM<$LMMHMMLH4LLII@AII HIHHHI J4I J@I8H LH K?N<AH J4L MM@AAI J4M NM @I0L N4AI LMAI J4M
I(A@L MMAAL L N,LL H AAH J@I LMAI HM @IL IHAL L H H<HH H@IH HHIH H HH
ICI9EAWAVAUATUSHHhH9H|$0HT$ HL$8LD$(MLLOHHsHD$ HD`DcEl$D*HMEDm~AD$H}1H|HD$
@Ht$@KHD$DHtfDHt$
H|$E1HHt:H4$t$9tL$:Ll$E1E1HDMII{19J8tJt8L$H|$LIsHEHT$@ANJ1T(HT$HJ1(HT$PJ1T(IHT$XJ1(9HD$
L@DHD|$93H11+HT$8H|$0H

1H|$(4Hh[]A\A]A^A_HLAWAVIAUATHUSIHLHHt$"H!AumHHMHItEHt$LHt1H!D$@LLE1(HAHhfDHt$LE1
(HAHD[]A\A]A^A_HL[]A\A]A^A_*'f.HT$ILLLtl$D$\HLLL[t$HtfAVAUATUIStOHHIH^HHItELp(u<1Hb[]A\A
]A^1T&[]A\A]A^fHILLLAWAVIAUATUSH8tqHHIHHpHHD$cHIXHItH|$HLu<E1HH8D[]A\A]A^A_1A%fH|$
DeAHHHHDHHD
HHDtDd,D$(Ld$ Lt$ Lt$u11LuAHLL?+1L$LL&H
}A~HHLLHT$H|$IHLoHT$LL7HT$LLAD;uAHHLLp_Ht$LK%HF}L|$L|$K@HHLLLLLEAPA96HHLLu1LAp
#L|$HHLLELLL{Ht$L*H
A*tA @@D$(LDt$(t
A2LDd$,Lt$ XH
A q LLE1#HAfffff.ATUISHAT$xnLcM$$IrII)f.OMt:A?H@It9~FHcDLHuL9ItH9~HcD[]A\[1]A\ATUISHHH
HH/t#HLHH []A\H
AAj H
1[]A\fff.AWAVMAUATIUSIE1HH<HHtEXH5HcH:HHt2HLuAtN9|JHt$H<$MHLAH5HHD[]A\A]A^A_f.H
YAj
ffff.AWAVIAUATIUSHHAHxHt$LHHu,@H8t<H<p1DHluE1LHxD[]A\A]A^A_Ht$MHHLAtLsL+LHD$LHD$L
HD$HItH|$HLu
LPfH|$quHL HtH|$cLD$@WD$hEH|$D$$0
HtHT$L$$HcBL9~$I<1L\$()HL\$(D$$HL$H|$L\$(AHEHL$D$$L\$(L
I~3Iy1HL\$0LL$(pL\$0LL$(HL$D$$H|ALL0L\$(dHHL$t$$L\$(LL$0H
HL$87D$$H1LL$HL\$(HD$0LL$HL\$(T$0HD$L$$I4$D|$lLl$HL|$8HDl$@HH\$`HHD$XAHHD$(HcHHD$PE
IVA@ML$hA9}7HT$Ht$DAHL$MILdDhL:HIHLHTD$$`IKLCIQMWH9@M9 L9I9@ !|$$!L9M9 !M9H9
@M9I9LH9T$0D$8tHI1II1D$8L$$1)AL$@HA1I<LI4
LAof)oofHA9wL$@D$89t>HcHH4I14II19D$$~HHHI1II1D;l$h+L$hA>IHcAI<HHt=PHcHpH)HHHL
HH9VH|HtALL$@L\$8L\$8ALL$@HRHLd$H\$`D|lLlHLLL0HLE1MHHLLAILEIIAIL!H1T$0I<3HHHH?H
ID3I0L!I31HH?H
HIL1HH9t$(HuHD$PI4MHHAH>IHL$X1HI1II1HH9uEE11MLHHAD$$D$0Ll$HLffff.AWAVIAUATLUSLIIIH
KHHtHLLHH
u1HLH[]A\A]A^A_HILLL1@f.AWAVE1AUATIUSIHHH|$H)XH5HcHHIt.HHYAtB9|>H|$LLLAH5qLHD[]A\A
]A^A_fH
IAj ffff.AWAVMAUATIUSIE1HH<HHtUXH5HcHJHHt2HLAtN9|JHt$H<$MHLAH5HHD[]A\A]A^A_f.H
iAj ffff.AWAVE1AUATIUSIHHH|$HyXH5HcHnHIt.HHAtB9|>H|$LLL;AH5LHD[]A\A]A^A_fH
Aj ffff.AWAVE1AUATIUSIHHH|$HXH5?GHcHHIt.HHAtB9|>H|$LLLAH5LQ$HD[]A\A]A^A_fH
AKj
ffff.USHH1HH3t3HDHstHuH[]fH[]@AVAUIATUHSHIIHHtHLHiu1H[]A\A]A^HHLLff.AWAVIAUATIUSLLII
HHSHtHLHu1HH[]A\A]A^A_HILLLAWAVAUATIUSH8HT${EA+LD$E|$I}D$#AEL1HH58<HD$HHHD$(HII
EL,$AHcHD$D!AD|$$E1Hf.HD$IDH9D${1IH<$Ct=CD>
DA9Bt@t`HD$IDH9D$vWD)99@)@A9@t9D$#g@t$$!H5
HIA!HD$HH8L[]A\A]A^A_AeH
D H5LE1hfDA7H
DE1l f.A|L9|$(r>HD$L8SAqgABH
$A
\A61.Gfff.Gfff.HcOG9}%1)HHH<jf.fffff.US1H9V~H[]f.HcH1HH3HtHcSHHH[]fHfff.OH7WWGATUISHHt(H;H
cLHvkHK[]A\H
AA [1]A\AWAVIAUATIUSHHH~HHHHLHIGH~LL3HtnL
AtH DHDMH(uADLtDLLu#HhH[]A\A]A^A_@AAtDmEtHEHHD,ALtADUtAIH(At
@ADH tDHHgOAATtIH
!HD,EMtTLt
HEHHtI$H#tAHHLLLEIH;tHEHE1L

NwL3
HD$9}DxO=IxO5IxOIxO
If.tt't2DIfIfIfzIfH)FII
LI1HH?I!
I1MILM1HH?I!M1MILMHM1H?I!M1MIMM1II?M!M1MIMM1II?M!H@@AM1AIII?BBD)HIfoqIHGfH5HHt@
HDH
AAqHD$: HD$HHtHHfLFLDOWDGLD^OD_D^D_D^D_DFANAD LDNOFfHt+SHH?Ht
HcsHRXCC[ffffff.Htf.HHfW+FuMLLAx?HcEII4HL)HH9t$@ILHI4H9uH9uH9@HtHtG;Ft&fHu01HDWEA;V}
D@xFLLHcHI4I94wrH)HItILH9wHH9rH9u11x9W~HHcHHfff.1tsHcHLDHLI9tL9xDLcJNJI9u3I)J@HLHLL9u
H9u1DI9@BxAt6LcHcIHIJNDI)L@H8ubHH9u,@LcLcLVLL)IHM)HOI)H8LuHH9tH8tfH9HHDFHH!BH?HD1
HH!A1DFDF1BBD1HH!A1DFDF1BBD1H!A1DF1BVLH2HFI9IAH9HE1UHStMHAL1H!I1MH1H|$1~T$)flHE1
MHfDAoAfofffAf)HD9wA9tOIcAHMHHML1H!I1MH1D9~#McIKLHHH1H!H1HH1>[]QLMDDHHHH1H!H1H
HH1HL9ufD;~8u@tO~9Of1D
(1~PfpfGGWtH1!HH91uW1DUSHHo1uHHcH<tTH[]AUATIUSHHD`DIAA9|McMA9|ZEAT$t:zIH3IHc)HHAuH
[]A\A]fL1D)HcIfUSHHHsPH<HcH}sLcHMJtHctNII)E1ILLDHHIHLIH?!LH)H?IM9uH[]f.HcHD$!QD$H[]fDSH
us[1@s[fffff.SHt
S1[fUSHHHtHt
U1H[]W1~ HHfff.W1DHHRIHfffff.HHFGFGFGG F WH5H~6Ht H@H
qAAHDHDff.HtH54f.fffff.
wfff.G!f.HSH?Htt?Hu[@HOHH5[fDHcsH;HNHsu'H;H5effDH;H5>`ffffff.ATUS9wH|H[]A\@HHcHH5IMHcSH;~
HHLH;Ht2HcsHMHsuGH;H5eL#kH[]A\DH5A'IwH;H5fH
Arx1H
Aix1mH
AAx1E|USHHHG~-
HCH(1HCH[]f&HuH[]f.Ht3SHt)Cu[HH5[{fDHuH;H5KCtH;H5,f.HWHwHWHwHGff.9w|H;ff.H9HtPUSHHHvHt
HcUESCHH[]@H;HuHPUfDUSHHtUHu,HHt7HHlHtHH[]D#HfDH`1HH[]@AVAUATUS?9_~)L/HcHI
D[]A\A]A^fDDsIDHt4IcD$M,$9|I|1)HoEt$[1]A\A]A^D1ffff.G~#HHcHHH:uuGuGfAWAVE1AUATIUSHHH~;t'
u3AD$LH[]A\A]A^A_HuDnLAAAAADHEtADHL31fDAH9t0HSHH
EuI$AvAIH1H9uLHL[]A\A]A^A_Dt$I1M"MtLHD0HD$fDAUATIUSHH(PH9EHcHHt}}HM4HctVIH)E1IH}
LDHILLIH?ILH)A!H?EIL9uH([]A\A]LGH([]A\A]HEIoEL)HDLPH9"fAWAVE1AUATIUSHHHcH~{t#u/AD$
LH[]A\A]A^A_@HuDnLAAAAAD@HHEtADH+1fDAH9t/HHH
EuI$AvAIH1H9uLxHL[]A\A]A^A_fDt$H<$CI1M"Mt$H<$LHH1x
9WfDHH7HcHHH!Hfffff.1xJ9W~@H?t?BLHcGHHHI!HffDWpHUSIHHHHHH11qt2St&Eu/HIHHHH[]H[]@HI
ATUMSHH[u
[1]A\LHHH[]A\[ff.AWAVIAUATIUSHHHDaDHIcHHLl0HLl$MHELMHD$IMDMMDHHD$Ic~HcC1Lc[Mc
~1HD$
H)HLWHMtH+|$ HL$(L)Hl$ Hl$(M)H1IIHfDHIH?I#LAH?I#EHIIIH?HHHH?HH9uLtHTLDHl$
LL,LH<$H)LLI|f.HHHHH1H!H1HPHFH9uL;l$DeEtH5
ZLMH[]A\A]A^A_fH<H5<GHItHD$0H$HD$L@1@H|$H1LNKafSHHtHDcDH[fATUMSHHYu
[1]A\LHHH[]A\ff.AWAVIAUATIUSHHH8LciH|DDl@1HvHuI/M&HHHDMLDM:Mc_McFLIcVIcE1Ht$(Ll$
E1LL)N<HHL$MsHD$LHt$L)I)1IHD$I)IMHITH?J#|H?K#II)I)ME1H9AH9IIEH?IIHH?IH9uLl$
Ht$(I1IE1HfJ1L!H@1JJIHM9uHE1H)1HfJ1H!H@1JJIHM9uHD$\$X@H8[]A\A]A^A_fffff.USHHHWtSuH[]HH
HH[]Vfff.AWAVIAUATLUSLIIIHaHcHtVM9Ht6HLLH!t9HHLL1.@
fDHLHbpufD1HbH[]A\A]A^A_ffff.ATUISHHHpu[1]A\ILHH1[]A\jfATUISHH>du
[1]A\LHHH[]A\kff.USHHHcuH[]@HHExHHHH[]UDH[]fff.AUATIUSHAHH9tHtffDELH)D9HuGHHQct%ALH
xLHH<UuH1[]A\A]DHH(ftA)H[]A\A]H
A&nwH1[]A\A]fAUATAUSHHLHHtNCu7E1HDHHLDDH[]A\A]HHHuH1[]A\A]@IAWAVAUATUSH8Dj(E
u!GH8[]A\A]A^A_fDGt-HH|$HHDHC01EEHC Le}HD$DLAVHDtDHI!$|$ fnl$Efnt$ A)IfpDfpfHf1f=fo-

EDfofofH H ffrfofbfjffoHffoffo@f)I)A9wDD$A9tXHc)HI!D9}?Hc)HI!PA9~&Hc)HI!A9~Hc)HI!EDuLsP(Ic1HD$
L<AED$,IDHD$@IHtDLI@K<H1HH9K<H 1H9IH!L;d$uH|$DHH|$EDL}HT$GHD$
L'DoL4LK,7HCH)KD7I9ID$H9AH1Ht"I$HUH1H!H1I$HEH\$EHHT$
A)~\$EflIfAI<ML11ofAofff)HA9wDA9tZHcHHLLH8HH1H!H1D9HH}*HcHHII$HEH1H!H1I$HEH8[]A\A]A^
A_f.H81[]A\A]A^A_H|$D+HtH|$EIcDGHEDoH?H4HT$\Af.D$,HLI$HEHIH1H!H1ID$HEH9uBHI!$AWAVIAU
ATIUSIHMHY(FR~9tq9~1H[]A\A]A^A_LYL[HHL9toLLHHNtrLHL\f9uHtIO
IMGPHuI}AuOEAVRLHHRfufD1LDZZDH[]A\A]A^A_EA3FA]AEUSHHHH[]ffffff.AVAUIATUHSHIIXH\Z
Ht'LHH HtHLLf1HY[]A\A]A^ff.USHHH8H[]ffffff.HHRIHfffff.SHHH{ H{8HCXHCPC`[fSH5h)HHtHC`H[DH
AADHtCSHH.H{ %H{8C`u[@HH5N[kfDAWAVE1AUATIUSHHHHHNtHHD[]A\A]A^A_HAVH}XHIMt$
HL!HH[HD$ AD$0HH$9HDHHD,HD$ IDHHDP~?I|$H1A$SI|$@TuH(W
HH<HHDHHDD(&.1L@LL\tL"Ln{H$1ILLW__AU1~IEHI\$1IDPIDXHqA$H4r1ILHH^IcD$A\$(9}SIL$
1)HH<A\$A@H<$rlDL[fDH$It$HL<HnHLWfUSHHH9tGHHHvHt=Hu H{
Ht+Hu8H{8HtoEPECPHH[]1HH[]@AWAVIAUATIUSHHIHI,$H2HtHH[]A\A]A^A_HItLLHmt9HI<$tLI,$H@M
<$LLATUHSHPIE1~ E1AHADtLAHcCHHHHHESKtCAt$HHcHUuAD[]A\Kf.AUATUSH-
HcIHH9HIHt9A}I}xNH|HEHH[]A\A]fDEEH[H]A\A]@H.HtQHEJpHHH[]A\A]HHZ1HH[]A\A]MuH1)H
zA7hp1,H
zA1jp1AVAUIATUISDI7HcHI|5
LHSD[AAAA)SA)1HII)HHELHNII)HHED9LG}HNII)HHEA9LGtcHNII)HLGtYH H 4=HFHGt-HFHGt HFHGtH
H HHu1[]A\A]A^D9tH H H'I4bDLBJHMHEHOtLBJHMHEHOtLBJHMHEHOwH H
LJHMHEHuQDAWAVIAUATAUSHIDHD9}EIII$IcDLlLH4IEujIL$H}DL2IEtbIL$H}DL2IEtEIL$
H DLHI I
2IEtIL$H}DLj2IEuH[]A\A]A^A_fHDL[H1]A\A]A^A_B3fAWAVIAUATIUSIEDHXEAL$uEEt@EF4;D+LLLDE
AHX[]A\A]A^A_~DDT$@L\$8HcF84(DHLtDL$LI4DL$HHDHtD$0HD$T$LLHHD$
rDD$0HcL\$8HDT$@C@I4HL$(DH4$HvDL$HHcH@|$EH~HHHFxHH)H1HD$LLL3Ll$(HT$ Ht$MLy3LLL
3HD$H<$LH3)H|HLH2_\$1HcHcIH*H*H=HHtHX[]A\A]A^A_HX[]A\A]A^A_2DDDLHTDLLDT$@L\$0
HDLAHT$ ALLHD$8HoDT$@L\$0D$|$EHT$8H<$LL\$0:2L\$0Ht$EDLLDT$@L\$0HDLAHT$
ALLHD$8HD$L\$0DT$@eDD$LHT$DLLDT$@L\$0HDALLHt$ LHD$8Ht$EDLLDT$@L\$0`HDALLHt$
LHD$8H<$LH0fH<HT(1L\$8HHHD$0`L\$8D$HLLt$8L$ E1E1LLl$8AEZt$8L$
HT$0Ht$(MLY^:DHXAIc1HcH[I<]A\A]A^A_DHDDLHD$8fDH$HD$(HL\$HE1E1LHD$8t$8L$
HT$HH|$_AXL\$@fff.AWAVAUATUSHXL$HcHT$Ht$
AHHD$8E)HDH<$DHHDEHt$(HD$HtAHD)HLHHD0CvH|$DMT=H@rHcHHXFF
[]A\A]A^A_HDHT$(Ht$
EDLLTLTHtAHT0A)LLTHtD$@D4H<$M<2IcHH4HtHT8HD$HHE1E1LLHILHD$@P[Xt$@HT$
E1Ht$0H|$E1:AEAAE)E)A9XZDHD$HAN(H|$1HDT$tADT$&!g9$A9{9sDDA9A~HAEt$@HT$@A)Ht$8H|$(A
)^_fDHT$H4$DL<-HD$@DLLLL-)H|$L,$DLLH-t.D1HcHcITH*H*HtfDHHtHX[]A\A]A^A_HT$
Ht$(EA)DLLT$@LT$@DD$Ht$0HT$LLTD@LTHtfDHT$(Ht$
EDLLT$@LT$@DDHt0HTLLThD$@LT$HtHT
Ht$(EA)DLLT$0LTHtAHT$0A)LD$@LTHt(f.LLL+qILL+HTHt
H<$+H$Ht$(DHL$0AHcH4$AD,D))HH<Hc1HHDt$@HT$@Ht$8H|$(DT$ DT$
HD$D1ED)EMcHcJ<HqAZA[hHDt$@HT$@Ht$8H|$(G&DHD$D)1)DHcHcH<HAXAYD$@HHL$0Ht$(AH|$D
NfHAEt$@HT$@A)Ht$8H|$(A)(ZYAWAVAUATUSHH8DvDzEEC>HHIID$CH9I9IDD)AuA
AHLT$IcLT$DLLTgDHIKLLTLT$ A9T$A9LLL$(DHLT tLLTHHELL$0A1LT$
ED$,I$HuI:A)A)XZLT$aC4>LLT$/HtzLT$C>I$HuEDI:ABWLT$EA3D$I9ABt>LH1H@(fDLLL$(D$HuuD1LvB
H8[]A\A]A^A_D1HaLBHIfIcLTD6f.LT$ tLLT*HqHELL$0A1LT$
ED$,HuI$I:A)A)nY^LTDABf.LLTHLTI$HuI:AB('LT$fffff.USHHHH[]ffffff.AWAVIAUATAUSE|$HHHH
DEADDEl$)AD$At$AA)DD$\INH{H`#E9AWtYINH{HG#D;|$AWt>IN H HHAI !#E9tINH{DH
#D;|$AWuH[]A\A]A^A_ffffff.AWAVIAUATE1USMIH
IL$APHcE1HsI/II.HD$XYLcT$WLLHt$LLHLLL$HHLL[]A\A]A^A_$KlLLI;LLLHtLILLAWAVAUATIUSH

HIHHD~L6uH5/EHx1HELHL<HH[]A\A]A^A_fH=EHt,~BL9tHL1H@f.1LqL9LrHoII$HIFHCIFHCAH~$AGIvA
oHHH))HcHH<HO13$H|$L$DCHHH3sH HD$HHsH LDCHt$HHSH LDCHT$HHCH LHCH{H HHHKH
Ht.HHHcH@HiH"HcHHL|$
HiHLs"HHL1H!H!L1HHHGHCHGLHCAD$uLyAWAVAUATIUSHHIHhD~L6
uH5EHex1H
ELHLHh[]A\A]A^A_fH=EH!t,~BL9tHL1CH@f.1LL9LHoIM,$IEIFIEIFIEIFIEALL$ ~pLL$
IF(AoI9IIIFH911AoDA)H9r9tHHITHT 1L$)HcHI<HO1L$Hl$(T$$L|$@H\$0Lt$8LLLL$HH H H HH H H$H LH
HH I!EHH HD$@H HD$HHLH H HD$PHH HD$XHHH L!LHD$HHLH I HD$@H
LHDXHDPOH\$~$~D$H,$Lt$$D$LLL)L$@)D$P)$<LLLfo$)D$@f)D$PAELL$HH-
HLHeLLLLHLL1H!H!I1IIEIAIEIAIEIAIEAD$MbPHeLLL$HcHHHAUH-
HL$HH9AGH1ITIHH9uaLHcHdLHL$HHL$HHH#fHHH!H
AWAVAUATIUSHHIHHD~L6uH5EHx1HzELHL<HH[]A\A]A^A_fH=IEHt,~BL9tHL1H@f.1LqL9/LrHoII$HIF
HCIFHCIFHCAH~$AGIv AoHHH))HcHH<HO1$D\$DD$|$tTDT$HkLL)H)H)H)H IKLDL$LLH)H)H)L)KH
HkLLH)H)L)KH HkJAHyHL)H)L)KH HkHyHqHL)L)KH HkHqHQLL)L)KH HHQJQHKHH)L)SH
HJRILL)L)H)H)CH HIH-HLt$ H`HLHHL1L!H!L1HHHGHCHGHCHGLHCAD$YLHHcH[`HHH|HcH-
2HHIPHHcH#`HHHHIHH#HIL!H fDAWAVAUATIUSHHIHhD~L6
uH5?EHex1HELHLHh[]A\A]A^A_fH=EH!t,~BL9tHL1CH@f.1LL9LHoII$HIFHCIFHCIFHCIF HC
IF(HC(AH~$AGIv0AoHHBH))HcHH<HO11$D\$$DL$ DD$,DT$(s|$HkLLL)H HCHL$HLLH)L)CH
HHLH)L)CH HCHt$HHLLH)L)L)CH Hl$JXHHHSLLH)L)L)CH
HT$JPHHHKLLH)CH HL$J@HHHCLH){H HD$HHH{ LH)sH HLHHs$H)k H HI4+HHL)S$s(H HLHHS,L)K(H
HIMLL)C,H HIH-HLt$0H[HLHHL1L!H!L1HHHGHCHGHCHGHCHG HC
HG(LHC(AD$fDLyHHHH@HZHHYHcH-HHIBHHHH@HZHHHIHH#HIL!H
AWAVAUATIUSHHIHXD~L6uH5EHEx1HELHLHX[]A\A]A^A_fH=YEHt,~BL9tHL1#H@f.1LL9w
LHoIM,$IEIFIEIFIEIFIEIF IE
IF(IE(IF0IE0IF8IE8IF@IE@AH~pIFPHAoHKH9IF@H911DAoD@)H9w9tHHIT@H))HcHH<HO1HDHLLHH
H H7H HHTHH H7H HDHDHH H7H HTHT HH H7H HDHD(HH H7H HT$ HT$0HH H7H HD$(HD$8HH
H7H HT$0HT$@HH H7HT$@HH HD$8Ie@H WH L)HPHLL!H!H HIEHCIEHCIEHCIEHC IE
HC(IE(HC0IE0HC8IE8HC@IE@AD$ @MAGH1flT@HHH9u/fHEHEHiEH9EH ESHHH=rEu HH[H=9EHu
HVH[@H=EHau
HfH[@H=EHAu
HvH[@H=yEH!u
HH[1[Ht;tu;HGHLGMtHHWAHf.1ffff.AWAVAAUATAUSHHMHHtAHHD[]A\A]A^A_DHAuHtHH~EEuvHH)
H+HHD$+HHD$
s+HHD$f+HHD$(H*AE1L;f.L5WDd$MMIfHgIL9A,$HH|AHtHuHHHH[]A\A]A^A_HAb=HAI=@HA0=HA=HA
=ZHA=3HA6"DN`&HHD$IH*(L)LHD$)LHD$ )LHD$)HHD$(H|$H`HtH|$@u\AE1H|$(H%H|$&Hl$LDd$LMLt$
HLHtLAt@u sAH|$DtHt$H|DDt<-?BHI.HT$HHtHl$0Hl$(E9Ht$
H!tVH@tELDHTMHHHPt&Ht(DLtAHl$0AHt$HtD$<D$(7LD$HHHH9tH}uHt$Htl$(uHl$0E15H|$AE1'2Hl$0
Afffff.I1FfDAWAVIAUATAUSHLLIH%HC'Ht1DHIu%1H&H[]A\A]A^A_f.1ILHL/tLHH{tMtrLHHtL-
icL%dSHv*IM9tWA4H=HudfLHHbuDfH>u%AWAVIAUATMUSHhTHLLD$@D$XDHD8ZD$(3D$6"O
D$@A@~L$D$uNtJADH
Qv&Hh1[]A\A]A^A_DDDD$H5QHkHI!HHHB#H$HHD$(1HHD$
H\$@HHDHCDDH|$D|$
_|$H"H$HHD8HHD$0z$HHHt$H&HD$#D$11H5PLD$hH#H!D$Hh[]A\A]A^A_HL$HTIt@LwtT$
1LEtt$1MHLtHD$
DLl$01X@t$DH|$01HT$0Ht$81IH+H|$0HT$8HH|$EHt$H|$8_%H|$0HT$8HHt$0L$LK;zLd$8HyOH\$PI1HtTH
HHT$XHI_HH9*LHT$XH
9H|$0HH8HuLH!1HD$08t$@L!ffADHH]HNL48Hu1H1I*A>1LHHHHtHVN8I9wLMILHl$89CL'9D$@&1DLT$
{H|$(L#Ll$0Ll$(11MHLj1MHLDDL<;\$uLl$0p|$@@*LHL$HH)HHL$0H9HFHD$0Hl$8LM|$@@LkmfDHHH

LA>19LHHwH9\$0rMH@Ll$0VfDLl$0AH]H|$0J8tMIHl$8vHT$LLLH\$PLd$88H|$0HHxLLd$8HUSHHZ}H5[
HccHRMHtHP-MHcH<H)LH5[fDHMH9II8D t+LAHHJBJHMH9II0ED t,AAHMcBJBJHMH9II(ED
t,AAHMcBJBJHMH9II ED t,AAHMcBJBJHMH9IIED t,AAHMcBJBJHMH9IIED t,AAHMcBJBJHMH9IIED
t,AAHMcBJBJHMH9DD t#AHMcFJDJHL9 H[]fDHH5YH=3R[]b-fH
yYAAiHDjHDAWAVIAUATUSH:@gfffMb)k)H5YKHc)jHHcH<`H5XIHI`HIt`Mt[LHItlH0fA$H5XLvU`LHL[
]A\A]A^A_H
QXAKAhGH50XLv`1LH5XLzE1_LXLd$M<fDLL)HH9H#L{0HIILtH|$INHH+fHL)H)1{xWHl$IHHM9uHHM9I
HIL)HH]WH)H1&yfH5WLv^L4IDA-HD$@AWAVAUATUSH8HH<$H<-
D$1|A#K[D$D4H$HiHHHD$H1#B=!p?HD$;pTCIcDt$,HDID(Hl$
)\Ht AANL1HcE1Jl6H)L<H)HfDA?H+AHIHH
L9uHDHLAIHHHD9lHLzD$(H\$Dt$,HCSH$HtHL$K?@HH HD$H$H8u
H|$;E1H8D[]A\A]A^A_HD$8HHtfD;HHD$Zff.AWAVAUATUSHHYHKE1<-Hu
HAE1B<3McEHG4,L}M'1LB4?A;wDkN+D)BD)PDE1fDL9KLH0HL,HuH#LLD$C0t:LL4/t+1E1LD$@II
E1H}uLffDE1HD[]A\A]A^A_LPHt
fD{HIDLpAGL}tEgfffff.USHHH<-uCHv<0uF<Xt&Ht*;-
t0H[]fHHuH1[]HUJtBH[]fAVAUIATUHSFt+H5_Jt[1]A\A]A^f.LhAFFHcL%RHH)1L,IHHH< LHH8 lHH4 HH0
HH, HH(HH$ HH D hHH HH HH HH HH HH = aHI9[]A\A]A^H5IHHVvfDLHH2IHHH8 HcHJ4!HIHHH4
pHcHJ4!THIHHH0 LHcHJ4!HIHHH, (HcHJ4!GZIHHH(HcHJ4!G$IHHH$ HcHJ4!|GIHHH HcHJ4!FGIH
J4!HGIHHH wHcHJ4!FTIHHH SHcHJ4!FIHHH /HcHJ4!vFIHHH HcHJ4!@FIHHH HcHJ4!
F|IHHH HcHJ4!EFIH HcHJ4"EAUATIUSI1HH=Ht*HL1jH'NHLH>H[]A\A]DItHIfDHLH=IHA@@1Ie
HnIHAWAVAUATAUSj'AH8IH4$H5wLDD$LcLTHIpEHu~)EnA
K!AD$tCL&H$L1ZHc~AuxEMIDHDHD/HD$!D<)AEIL9l$;H|$~!D$/yE9tAEAE1H?KLLXGTH8[]A\A]A^A_
fDulAND<SmAEcfDH
JA)A1}zAAK
ff.AWAVAAUATHUSIHHpLu?df.1HLHyO@"AdA@AJLHxE1DHDu1uLEZAdAA@1HLHcyTALHC=txmE1D
HDrLHxLHHMLHxLHHx1'@H
HA]v1uH[]A\A]A^A_@1HAH
Hq11AAWAVIAUATAUSAHuEuH
9HA]vH1[]A\A]A^A_fDxukH5G'HcHH$OHIH1~bEANDK!EAt
H$ALLLHH4$HOGLXDVPDH[]A\A]A^A_1H[]A\A]A^A_DAoA T@H
FA)Aw1^AK ff.Hu8utWH
FA]v1HxuAHHD1HAWAVIAUATAUSAHuEuH
EA]vH1[]A\A]A^A_fDxukH5E'HcHH$BMHIH1~bEANDK!EAt
H$ALLLHH4$HDLXDNDH[]A\A]A^A_1IH[]A\A]A^A_DAoA T@H
DA)A'1^AK ff.USHFuHHHt1H
"DAwsH1[]HHH[]1]ffff.USHFuHHHUt1H
CAwsPH1[]HHH[]f.ff.ff.AWAVAUATUSHHH|HHt
HLDLL$(hH5CI}HJHIC`L$H3r LH`H)LHHD
H1HD$<HD$<Lt$@H$ LHD@L
ZHHt$Hx`LHhHT$H4$HW@LHGHLL$<@)H@FID
@>tA$@T$<E9D$<>H\$LHHLD$(HL$ HH115f.H
AAL$Au1H5AL HL`tH[]A\A]A^A_L$1@JBI$MHILHLHPHH)I)r1M89L:rT$<A$ALLT$<fDALfLT$<fSHGG
G0$H{[f.SH50@@HHHt!HH{C8H[@H
?AA_ffff.Ht3SHbH{YC8u[HH5?*[FfDUSHHH1Ht"H{1HC4C0H[]ffff.AVAUIATUHSHIA$HHtGDHHYt51ILH
L tH[D]A\A]A^f.AAWAVIAUATIUSLIHLHMMHAHH$5HItmHLx~LM0D
A9DLD9E4DtH}DHHDDDDE4DD$tU0H<$Luc1H&H[]A\A]A^A_D1LLLKHHt1H4$HUHLmDD$tD+U0LLC
kAEHLHL2JLLL4AFAHL[AtUHLLLuHMIC@HI/H
<AeL1uAT$AVAD$3EAEgDAWAVIAUATLUSLIIIH;HHtVMtqM9Ht1HLLHt4HILL19DHLHufD1HH[]A\A]A

^A_DLUSHHHH9tFGFpHtyECELMH;~G1L1fDIH H?H
HHHI9uLHtHCH[]fGpuHuH1[]AWAVAUATIUSHHHDAHcEH]H|IEA)L9tDLHtvEADAWMHcHHH?Hul~6H
QAGII)HHtHHH HH?I9IDHuEEl$Au
AD$HD[]A\A]A^A_If1LA@fffff.AWAVAUATIUSZ?AHH(vI!1HEt$H}HcHEHD$LA?M<$IcEDl$ENAA?MDE
DILHI LHL!EI~OMcAFH|$IqHH)HL$LODLHDHHL!H
H9KIuH|LIMt%HT$1hEt$IuAD$EADEH([]A\A]A^A_ffffff.USHxHHtH[]H
8AYw1H[]fff.AVAUATUSAIHAD9v?Ho)Dh~?DIAL95DL:H1HEAD$EHuIcHM$El$D)?H<
bHTI9IPAH9AHDPHEAE9rf`L_H?IXI8)HHAIH11foAH9wDD)HL;LA9HIHGI@fD1[]A\A]A^[]A\A]A^f.H7tH@
IL)1HIHtIILL IHL9uDMDHHtI0EuAD$xH
96Aww[1]A\A]A^@ILAf.H1HIHH9uwf.AVDr?AUATUSnDIAID9D)I?H9tH1HIEMcI$NM2Lt^AE1AA?LEILHI
DI|2DHHIL!L
IH2HI9uEHHAEHH:AlAD[]A\A]A^f.1[]A\A]A^AWAVAUATDzUSHALoIH(EDHHtHDHL$H~$IcHLvI\L
DLLm(HA\$~2McO|@IINLLIIIGuD|$HHHDdH\$Ht$DHH(DHHH[]A\A]A^A_0ON
@AWAVAAAUATUHSIcIHH(DLIHD$HHHD${HcItHcHH4HLM|
H1L;bH$LDHILd$HDHtIL-
LHLMLLLIjH|$A)LHH"At/D1McHcHTL"L"HtHHtH([]A\A]A^A_HT$DLLH$DLLsfDHt$DLLAWAVAUATUS
HDnE~VHIHHII9HqMItHuDE1HHD[]A\A]A^A_@GGAf.CD-
LD$HtAAAIc2vHA9t$LcHVII4$DI>XD$I9AFAAF
LHE13HAHXII4$I>HL$Df.I4$I>fI4$I>oLHII4$DI>~9fUSHHHH[]AWAVAUATIUSHHHIHHn~tH{tQH{Ht_1L
wHcHIuE1HHL[]A\A]A^A_fDL{t<HL}fuHIE1LDfLh}uLLLHDLHD(LHD$
LHDLHDsHItH^H|$LHLI,eA@ADHvtAA>H|$ HHtwHD$ Dl$<L|$0I@I6@LLLo|8IIRINLLuL|$0L9L}fH
.A)pyE1|ksHIPL{HcLLE1/sHIH|$LHLYHt$H|$HA1H|$ HHD$
Ht$MH|$(H@H"Ht$(LHL`H|$MHLHH|HT(Ht$MH|$HYyH|HTMHH9YHt$LHCH|$LHL(Ht$H|$sAXH
$,oy8zH|$ HqHD$ @HHT$ Ht$MHL!HL|$0AH
+pyy`L|$0H
t+Aqyy5Dl$<L|$0uH|$ DHHT$ MHLL!LyAU1Lr'Hv11L(HLqx${uHHHHLLpLvLHt$
H|$IH|$gvuHt$H|$LHH|$8vzH|$|Ht$H|$(LHdH|$(HT$MHHH|HTMHHtHl$0Hl$L|$
H|$(wHt$(LHHt3AHvwuQAE9t3MHHHHuL|$ Hl$0HcHL|$
Hl$0A6LH6|HtE)AE~mLHHHTtAHT$Ht$MH|$HH|$t1Lz+L|$ Hl$0MHHHL4+H|$MHHH
H|$(MHLEHAWAVAUATUSHHG1uHH[]A\A]A^A_fDIA@HHlA)LLDAD$xbHcI$HH)DL4H1L<HLHLHH)I$
HHI9uAD$HDH~I$HcH|6AD$&AD$H@HHH9whGHHcHHLDH<1I)fDHHHH HH H 1HHH H
1HI9uHUSHHzHHHtHH8HHDxHTHH[]@HHD1@HuDSHHHtrHt{uZCHHH9vH)HHQHHtH)HHu9tkH[C
HaCH[@HXwtHD$3sD$DH9wH)HHu{H)H1CAUATUSHHuAHD[]A\A]DHHpDeEu\Lcm1%@HU1HHHHHtA9
A9uAuHwHtHEEJrHHENHAspPU1E>fHHH[]A\A]vff.WtQUSHHHt+H?HHHHu5H[]fuH[]fCHpvH1HtHcCHHK
H,AWAVIAUATIUSHMMH8H|pHLH\$xquH8[]A\A]A^A_@HHwM^HHHDHHD|HHD$
trLH'vHtbHJq2L|$(E1L$ufHt-
A1LDMHHy1HDbDH8[]A\A]A^A_H$DL|$(.LLsuHtLpfE1L$LuA1LDMHLyCH8IH(HyHfDH$D[H|$HLHHH
LL/HHLLLLt$HLHL/H~HHLLeHT$LLMAtHT$LL&.HL$HT$ILL}HT$LLHl$
HOLtHTpHHL"LOnt'L$H2L^ufHT$LLdlH$1LH
sHX?LH$1zAWAVAUATUS1H~t1H[]A\A]A^A_HL$I1IItlLLHItTCAD$+DLLL
t.Lk9D$~8At1L1uDH|$MfH|$0fff.AWAVMAUATIUSHIILHH|$HHHu8H|$HHHtHu!1H|$HH[]A\A]A^A_@11eH
ot11eHZtHIItXtXLt$XLLL1=H @H|$H&HH_M1SUATAUAVAWHHHHFH$fff.ffffff.D$HHIHFIHIHFIIHIHF
IIHIHF(IIHIHF0IIHIHF8IIHIHIIMLMHH$IILD$H?LFHFIIHFHHIIHF
HIHHIIHF(HIHHIIHF0HIHHIIHF8HIHHIILHIILIHNQLMHIIILLLTH?LNHFIIHF
HHIIHF(HIHHIIHF0HIHHIMN$cIHF8HIHHII?ILHIIILO,jHIIIL\$ Ld$(H?LVHF
IIHF(HHIIHF0HIHHIMN4qIHF8HIHHII?ILHIIILO<|HIIIL|$0Lt$8H?L^
HF(IIHF0HHIIHF8HMNCIHHII?ILHIIILOLHIIIL|$@LD$HH?Lf(HF0IIHF8HHIILMNQHI?IIILO_HIIILLPLT
XLn0HF8IILIIM1HMMMHIIIL\$`Ld$hHF8HIHILl$pLtxLLLLTL\$Ld$

Ll$(Lt$0L|$8LD$@LLHLTPL\XLd`Ll$hLt$pL|$xHLLD$HAH$LxLpLhL`HhHXH
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Ll$(Lt$0L|$8LD$@LLHLTPL\XLd`Ll$hLt$pL|$xHH$LxLpLhL`HhHXH SUATAUAVAWHfEnfo
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fo:
fEpfofoffAvfoffAvfoffAvfoffAvfoffAvffAvffAvfAvfDofDoJfDoR
fDoZ0fDfDob@fDfDojPfDfDor`fDfDozpHfDfDfDfDfDfEfEfEfEfEfEfEfEpNfEfL~LHH$HHNHH$HIHIHFIIHIH
FIIHIHF IIHIHF(IIHIHF0IIHIHF8IIHIHIIH|$f.ffffff.fDoEfDoMfDoU
fDo]0fDfDoe@fDfDomPfDfDou`fDfDo}pHfDfDfDfDfDfEfEfEfEfEfEfEfEpNfEfL~HIHFLIIHIHFHMIIHIHFHMII
HIHF HMIIHIHF(HMIIHIHF0HMIIHIHF8HMIIHIHHMIIHLLOLWL_Lg Lo(Lw0L8HHLLLLT$L\$Ld$
Ll$(Lt$0L|$8,LD$@LLHLTPL\XLd`Ll$hLt$pL|$xHH$LxLpLhL`HhHXH
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Ll$(Lt$0L|$8PLD$@LLHLTPL\XLd`Ll$hLt$pL|$xfH~HLLLLLLLLH$LxLpLhL`HhHXH
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Lo(Lw0L8fffffff.H|$HHHHFIHIHFIIHIHFIIHIHF
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HLM>HH$@E/ALHHHuMHLEHHAIALHHH>EMHALHHL;<$uH|$LHHjH|$KH[]A\A]A^A_HIH4IH<I!L$H?O
H?NH!H?HH?H!HHH>H!HH1HH=H1HH1H1MH$M1LL$MLT$M1Ll$M1L\$
M1LL$(M1LT$0M1Ll$8M1Ld$@M1LL$HM1LT$PM1Ll$XM1Lt$`LLL$hH!LT$pHLl$xLH!H~LH!HHLHHH!~
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HfHLBII!s_fHnfHnfHnfInfofof:Dfff:Df:DWWfofsfsffGfHxLtPLlXLd`Hl$hH\$pH|$
Ht$(HT$0HL$8LD$@IHHtHDHTHD$0Hl$@[HHTHD$(Hl$8H3D$0H3l$@9HHLH|HtHl$
H1H1H1H]H1HuH1H1H1HUHELtPLlXLd$`Hl$hH\$pH$GF(2^m) Multiplication for x86_64, CRYPTOGAMS
by <appro@openssl.org>@EHAu!ArH9xAfSUATAUAVAWIINTIIM)IKLL9w
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JMvIuJtHL~LvLnLfHnH^H&f.EHSUATAUAVAWIINTIIM)IKLL9wHLL9wJDJ|IMI$HM1M1LHIHIIHIHF
HHHIHAHIHHHFHLMHH<$I

ffff.HIJDHIHIJDHMHN|HHIJDHIHHJHLHJ|IHIJHIHIJDHMHN|HHIJDHMIHHJDHLHJ|IM95HIJDHIHIJDHM
HN|HHIJDHIHHHHLHJ|IH1MHN|J<MvKM1L$LHIHHIIHIHFHHHIHAHL\$HIHHHFHLMHH<$IHIJDHNTHI
HIJDHMHN|HHIJDHN\HIHHJHLHJ|IHIJHNHIHIJDHMHN|HHIJDHN\HMIHHJDHLHJ|IM9HIJDHNTHIHIJD
HMHN|HHIJDHN\HMvIHHHHLHJ|IH1MHN,HN|J<M9
J|MyHHTIH4$M1H+H^HnHQJJTJ\JD
JT(JlJ\JlJD J\0Jl8JT(MvIuJJD J\JTJlJ\HJlffHnfvfpMfI1foofffo\ffoTfffDf\H@
IuJtHL~LvLnLfHnH^H&ff.ffffff.HSUATAUAVAWEAIIN\LHMI)IM9rL)JlMNMJlMM)IMBL)HII)II$+L$H9wfH
LH9wMILD$ HD$(fHnffHnfIn'JLLfH~Hffffff.L#LkLsL{H[LeLmLuL}Hm L'LoLwLH
HuHJJ<fHnffpHt$(fofo[H[o'ooH fCfCfDfDfvffffffffgoI uHL~LvLnLfHnH^H&Montgomery Multiplication for
x86_64, CRYPTOGAMS by
<appro@openssl.org>@EHAuPfff.fnl$SUATAUAVAWIINIIM)IK$L$L9wH$L$L9wLGJDLfAofAoJNTIfpfofoffv
gfoffvfABpfoffvfAfoffvfAfoffvfAfoffvfAfoffvfAfoffvfAfoffvfAfoffvfAfoffvfAfoffvfA
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ffZ0fffAoD$@fAoL$PfAoT$`fAo\$pfB@fJPffR`ffZpffffpNfM$HfH~M1LL$HIHHIIHIHFHLT$IM%IJHMNHN|I
HIJHMIIMHM9uIHMNHN|IH1MHMHN|JMvM9
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JMvIuJtHL~LvLnLfHnH^H&ff.ffffff.gHSUATAUAVAWgAOIINLHI)IM9r,L)JM@ffffff.ffffff.NMJMM)IMBL)H
II)II$+L$H9wHLH9wIHD$(AHt$(HL~LvLnLfHnH^H&fffffff.IfnhHPN
IfofoHNTLfpfoggfoffvgfoffvfABpfoffvfAfoffvfAfoffvfAfoffvfAfoffvfAfoffvfAfoffvfAfoffvfAfoffvfAfoffvfAfoffv
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HIHIJD>HMHI~HHIHAHM^HIHHJ>HLHMnIHIHHMHIHIJD>HMHI~HHIHAHM^HIHHJD>HLHI HMnII
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HD$(fHnfHnfInfHn@ {6 q, g"] fH~fH~HHD$(LD$ Ht$(HL~LvLnLfHnH^H&@ffffff.Ij
J4LLt.J|L8HD.H|/H\.IIIHILT/IIHHL\/IH\.IIHIHMIIHIIMILTHIIHIIIIHH\IIMIIIHLIIIIHH\IIMIIIHLTIIIIHH\IIMII
IHL\IIHI
IIHIIMILTH0IIHmHMHL/IHWffffff.Lt.J|L8HD.H|/H\.IILT/IHHLT/IIIHHL\/IIL\/M1H\.IIHHLd/IIIIHHMIILT/H
M
fHIIHIIL,IgIIHH\IIMIIILHIILdHIIIIHHMIILTHugIIHMHL/IHWHLvJ|L8HFH|/H^IIIHIIIIHLWIIMH^IIIHL_IIII
HIIMILWIIHFHMHL/IHWHHM1L)M1LHHGHWLHD.H|$8M1L_O$VI?N,YI?M
LWMHIL_IHD.L'IKVLoMI?NYI?M LW MHIL_(HH.H_IHmLGMH@ffffffff.O$VI?N,YI?M
LWMHIL_IHD.LgIKVLoMI?NYI?M LMHIL_HH.H_IO$VLGMI?N,YI?M LWMHIL_IHD.L'IKVLoMI?NYI?M

LW MHIL_(HHD.H_ILGMH@H
O$VgI?N,YI?M LWMHIL_IHFLgIKVLoMI?NYI?M HIHIH_LGfH~H1I)JTL8HL$J|8HT$IJ<fHLOLWL_Lg
Lo(Lw0L8HH@gIH\$(HEHHEIIIHIHEHMH\0IIHIHEHMHt$(IIHIHE
HIMIIHIHE(HMIIHIHE0HMIIHIHE8HMIIHHIHEHMII.Hm@H1HT$H;l$fLLOLWL_Lg
Lo(Lw0L8HH\$pHE@HIHELIIHIHEHMHIIHIHEHMIIHIHE
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Lo(Lw0L8Hff.H1LIIIIIIIHHLLOLWL_Lg Lo(Lw0L8HHMH1fH~LLOfI~LWL_Lg
Lo(Lw0L8H@H9fDffffff.LeJLfH~HfH~HIM1LmLuL}LeLmLuL}Hm IIIII!I!I!I!IL#LkLsL{L'H[LoMLwLH
HuMIff.At1@ffffff.gHSUATAUAVAWAOIIMNLHI)IM9r*L)JM>fffff.ffffff.NMJMM)IMBL)HII)II$+L$H9wH$
L$H9wMILD$ HD$(MHD$0fffffff.ooVo^ fBof0fBDH@ffBD fPfBD0fX
f`0H@@I@ufHnfHngHfInfHD$0fDHt$(ff@f@ f@0H@@I
uHL~LvLnLfHnH^H&f.LL_AMGGArtHHHHHuffffff.ffffff.L$HHnHfnfofoHLH$fpfofoffvfoffvf@foffvfHfoffvfPf
offvfXfoffvf@foffvfHfoffvfPfoffvfXfoffvffoffvfHfoffvfP
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Multiplication with scatter/gather for x86_64, CRYPTOGAMS by <appro@openssl.org>H@BHt
HH=YGEH=HH5H# V
Ht H@H
A%AeHD$#HD$ff.SHHtHX[fff.Ht[SHHHtCHst,HM1
HH595[N
fDH!3
Dfffff.AUATUSHHHH?H9sH9ur2HEHtH1H)HH]HH[]A\A]H_AZwwHVIHIHEL$t|H5u>L(
HuIHtwHt'HUH;
H}HuH<B
PAcH
#Ad_"H1[]A\A]fH}HaL
IMtH}HLmLe1H)Lffffff.AUATUSHHHHH9r0HHtH)H1HH]HH[]A\A]DHwH9H_AHSIHIHGL$H5>L
HuIHt{HHUHH}HuHBq
PH1H)HGHH]HH[]A\A]fHH
AL
IMt'H}HLmLe1H)LsfDAH
KAi
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AF$1A1A1A1D1D1L3T3L3T333A^(AF,1A1A1A1D1D1L3T3L3T333A^0AF41A1A1A1D1D1L3T3L3T333A^8
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A1A1bfD1D1D1D1AAAAfD)ffffff.SUAUAVAWIIH-
XM4?DDNDVAD^AAADAAAEEAEMEUE]L<LtLlHlH\$
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IEI]MIMI1I1M IM MEIHII1I1L HL I]MIMI1I1M IM MEMUIHII/I/L HL IEI]IHII/I/L HL IEI]MI"MIIM I"M ME

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M M MEMUIHII1I1L HL IMIUMIMI1I1M IM MuM}IHII1I1L HL IMIUMIMI"I"M IM MEMUIH-IIIL H-L
IEI]MIMI"I"M IM MuM}IHII1I1L HL IEI]IHII"I"L HL IMIUMIMI"I"M IM ME MU(IHII/I/L HL IE0I]8MI MI I M I M
Mu@M}HIH"IIIL H"L IMPIUXMIMI/I/M IM Mu`M}hIH"IIIL H"L IEpI]xMI3MI
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M I3M MML<LtLlHlH\$ Hd$(;fsLXzO/7oST-
h'Vpppppp,,,,,,"'WWW###kkkWWWEEE555OOOAAA###kkk|||EEE>>>^^^!!!999OOONNN]]]eeeZZZQQQlll|||ttt
+++>>>000444___vvv^^^mmm:::999222GGG]]]SSS===ZZZzzzQQQ$$$VVVlll```MMMiii

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HY(Ha0Camellia for x86_64 by <appro@openssl.org>H5VHD$P

HH56HD$P
HH5HD$P,
HH5Ht$
HtfD[HtCHt>t
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D^p1A)ADEFEE3E+N|D1D^xAADDA@ED3A4C+4D1_[]A\A]A^ffffff.AVUSD_FxN|HHDIHHDFL
HF3L
H@EE+NtD1DVpA)ADEFDE3E+NlE1DVhE1ADAEC3D,B+,ENdAD1DV`AADIFD3@EE+E1DVXN\E)ADEF
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Ld$HH\H6HHL\xH5HcHH/HHl$0LD$8H<H\$
AH|$(HH|$H|$HH|$MDEIH4$H|$HAAELHDDLD$H3\$LD1EADALAtADAtADAD$L9d$A\$DqEAH\
$
HDHl0Hl$(Lt$8HH\HDeEH|$HH4$HADdHDLL$LD3|$HD1Ll$IHHHcHfIEA]LhPIEAMLhDxDIEAMDLhP
AE}AEDE~EnADAFDAFDAFDAFDAFHX[]A\A]A^A_AKIA{IsH L^vH 1AKIsH~vH wL_H AsH
1H4$H|$HDHTLTHLLATALAAADADAATATATEA~A^AFE^AvAnAVHX[]A\A]A^A_AAfDA
AHt$1fL1fD1fL1fDL1fDLLLAEAWAVIAUATIUSMH8AAHL$AH\$ |$*@t$(\$+|$$@t$)|$.@|$/@t$,H@t$-H|$
M11H|$usHt$H|HTt$ t$*L$)L$$D$(A2HT$@t$+l$.L$/A@|$,HH9@|$-
tHAHc2L4(AHH9fuAEH8[]A\A]A^A_fDt$
L$$AtALAATATATATATAWAVAUATUSfHNH$0)$8)$H)$X)$h
offofh9f`ffofifa)$Hfofifa)$8)$X)$hzHcD:D8y9_HcD:D8y9DHcD:D8y9)HcD:D8y9HcD:D8y9HcD:D8y9HcD:D8y
9HcD:D8y9HcD:D8y 9HcD:D8y
9~pHcD:D8y9~YHcD:D8y9~BHcD:D8y
9~+HcD:9D8~Hc
8fDD$8D$<1H$0
DLlD$tAAL%GE D$DD$@$HAADX\A$d$$ADD D DhTDPEDpAH-,HAA D EA AD$$`E EA<E AE
GLxDt|LLDDT$LHA D\$G4ADtHDHHAD\$H$(
f$$H.HBtC3434D$D13t$1D@A4H|$H=HLH\$H\$t$B33A3H\$1D1AADAALl$EFlG4AIDF4T$\$E1Dt$L4$DB3t
113t$AAEDtHCLl$pDLl$xCIH$H=)H\$
Dt$B3FIDD1|$(1H\$3T$3T$E\H\$AEL\$T$$Dl$,CC3A31B3T1ADAD1L-
HE3DEC3DLHLDL0D1C3DAFlAAL$H|$DADt$dL|$hADl$4\$83LDL%HH$D1A3DC4L-
HL$1C3D1ADAC34C3tM3tMDC34LD$IL$G4L$A@AD1G@HHDt$@D1A33TDL$<A3TH$DE4H\$C3LAH=
6GB3LALLADtDLl$B3EC3L$D1C3DAFtAEIADtLt@\$DL-
GH\$B3t3t$A3tHG3t$A34ADAAC3L$EAB3L$E3DH$C3L$AADl$HFDEDDH=2GD|$LEFC<Dl$PELD$D\$TC3
<LD$C3<D1Ll$D1LGAA1DC3ADM3TH$A3D@A<A3H$|$XAA1EDD\$AAEH$AE4D1DEB3LAT1A3D1ADD
H$A\Ht$AHL$C3\$\D|$`A4AD11A34AA3tL$A3T$13T$\D1LtADAAT$\D$
EL$CB3LL$C3L3LA3L$`ALL$`H$A3TD$
3T$B3TC3$HTXH5TGLfnt\33T$H3G3Tfn$B3HtfnD`fbTXTD3Tt$HB3Tfnl$XfbA33HLflTT$LA33A

A3HtDA31L$3D$HHtHDL0fnl$A3H$B3L$D3LfnL$fbDDP3D$TfnT$A3H$B3A3D$DL$fn|$B3DL$3D
$<fb3flD$H$DC3L$B3LfnTC3DL$4A3E3H$HDD$8fn|$D1LL$3D$@fbB3LLDH$fn\$A3H$3DH3H$A3
HLDC3Dfnt$3D$(L$L|$h\$dHL$pT$$B3DLL$x3D$
fbflDD3D$fn\$3D$C3DL$A1D$,C3A3DL$3DIHtfntA3fbDDA3fnd$A3A33DD$fnl$HD$$$fb)Pfl)H
))@0H$(HD$foBH$0fo"fo$fffo$xfofjfbfo$Hff fo$fofjfbfo$fff$H0f`
fo$fofjfbHP`@fo$fofjfbHpP`H[]A\A]A^A_D1G

expand 32-byte kChaCha20 for x86_64, CRYPTOGAMS by <appro@openssl.org>HLoHASUATAUAVAWHXo
oQAofo%fLfT f\$0Hexpand 32-byte kDDDLDT$D\$fA~Dl$4Dt$8D|$<Hl$@
Ht$HfH~H|$PHH fDA1ADA1ADA1ADA1ADA1ADA1ADA1ADA1At$
|$$t$(|$,DA1ADA1ADA1ADA1ADA1ADA1ADA1ADA1ADA1ADA1ADA1ADA1ADA1ADA1ADA1ADA1ADA1At$
(|$,t$ |$$DA1ADA1ADA1ADA1ADA1ADA1ADA1ADA1A|$$t$ Hl$@foHt$HfH|$Pexpand 32-byte
kDDDLDT$D\$Dd$0Dl$4Dt$8D|$<fL$ H@33^3N3VD3FD3ND3VD3^oF D3f0D3n4D3v8D3~<Hv@ffT$
f~\$0_OWDGDODWD_G Dg0Do4Dw8D<H@H@H]fD$\$H1LTDDDLDT$D\$fL$
Dd$0Dl$4Dt$8D|$<H[1DHuH$L~LvLnLfHnH^H&@IA0H#HHfoo oQAofo5[fo=cffLfT$ f\$0I
S@ffffff.fofofoLfoT$ f\$0I
f\$0ffffff.fff8fffofrfrffff8fffofrfrffpNfp9fpfff8fffofrfrffff8fffofrfrffpNfpfp9I<ffLfT$ f\$0H@rOo&onfof
fon0Hv@ffOW _0H@H@9DffLfT$
f\$0M1BBM@1BDHuI!ffffff.IHHfDoDo oQAofo
fo51fo=9fEofD$fEofDL$fofT$ ff\$0I
fDffffff.fEfAfEfAf8f8fffDfDfAofArfAofrfArfDfrfDfEfAfEfAf8f8fffDfDfAofArfAofrfArfDfrfDfpNfEp9fpfpNfEp9
fpfEfAfEfAf8f8fffDfDfAofArfAofrfArfDfrfDfEfAfEfAf8f8fffDfDfAofArfAofrfArfDfrfDfpNfEpfp9fpNfEpfp9IOf
DfDLfT$ f\$0f
fD$fD\$fD$ fL$0o&onfDof fDon0fof@fonPfDof`fDonpffDDOW
_0DW@D_PG`OpI!ff.ffffff.IMHwI@I@HHfDomDo9oyAoH$LLfEpfEpUfDD$@fEpfDL$PfEpfDT$`fD\$pfEpfE
pUfDafEpfDifEpfDqfDyfpfpUfafpfifpfqfyfpfpUf
fpfIfpfQ fY0ffffff.fDoD$@fDoL$PfDoT$`fDo\$pfDoafDoifDoqfDoyfoafoifoqfoyfofoIfoQ foY0fft$ f|$0fAo:
ffEfEfAfAf8f8fffDfDfAofArfrfAofArfDfrfAo3fDfEfEfAfAf8f8fffDfDfAofArfrfAofArfDfrfAo:fDf$$flfod
fol$0fEfEfAfAf8f8fffDfDfAofArfrfAofArfDfrfAo3fDfEfEfAfAf8f8fffDfDfAofArfrfAofArfDfrfAo:fDfEfEfAfAf8f
8fffDfDfAofArfrfAofArfDfrfAo3fDfEfEfAfAf8f8fffDfDfAofArfrfAofArfDfrfAo:fDfd$
fl$0fo$$fol$fEfEfAfAf8f8fffDfDfAofArfrfAofArfDfrfAo3fDfEfEfAfAf8f8fffDfDfAofArfrfAofArfDfrfAo:fDfDD$
@fDL$PfDT$`fD\$pfAofEbfAofEbfAjfAjfEofElfDoflfEmfDmfDafDifDqfDyfDfDLfDoD$
fDoL$0fEofEbfAofEbfEjfAjfEofElfEofDlfEmfDmfafifDAfDIft$
fD\$0fDofbfAofEbfDjfAjfofAlfEofDlfAmfDmffIfQ fY0fDofbfofbfDjfjfoflfAofDlfmfmfmH o6Do^oV
o~0f4$fEff7ov@D_Do^PW oV`0o~pHft$fEffw@o6D_PDo^W`oV pHo~0ft$ fEfAfA7ov@D_Do^PW
oV`0o~pHft$0fEfAfw@D_PW`pHHHnHH@sM1fDdfd fD$05o6Do^oV o~0f4$fEff7D_W
0fot$Hv@M1f4$fDl$H@fl$ H@fL$0fffff.o6Do^oV o~0f4$fEff7ov@D_Do^PW
oV`0o~pft$fEffw@D_PW`pRfot$ HM1f4fDTHfDt$ HfDD$0fDo6Do^oV o~0f4$fEff7ov@D_Do^PW
oV`0o~pHft$fEffw@o6D_PDo^W`oV pHo~0ft$ fEfAfA7D_W 0tKfot$0Hv@M1f4$fD|$H@fDL$
Hf\$0BBMR1BDHuI!fff.IHHwyoozoyzo8H$AypAypUyD$@AypyL$PAypyT$`y\$pppUApIpQYAypAypUyaAyp
yiAypyqyyppU%?pipq y0_@yoD$@yoL$PyoT$`yo\$poAoIoQoYyoayoiyoqyoyo!oioq oy0%
!ff.ffffff.91)!xxxx iaxxxxAyAq)!xxxx iaxxxx91)!xxxx ayxxxxAqAi)!xxxx ayxxxx,9D$@1L$P)T$`!\$pyt$
y|$0A9bA)bA9jA)jA lA mA9lA9mAIQYyytyoL$ yot$0ybibjj)lA)mlmai1I qbA1bAjA1jAilimAlAm!iq
y0YbIbjj1lA1mlmo4$yo|$H6Nn n0~@)VPV`1NpH!^ v ~09F@FPf`fpH7Ozo o0z@zWPW`zOpHz_zw

0zG@GPzg`gpHHH3HH@s M14Lyl$ l$06Nn
n07Ozo o0Hv@y<$M1yT$H@T$ H@yL$0Vf6Nn n0~@)VPV`1Np7Ozo o0z@zWPW`zOpHy$M1\$Hyt$
H|$0fffffff.6Nn n0~@)VPV`1NpH!^ v ~07Ozo o0z@zWPW`zOpHz_zw 0tCHv@y$M1D$H@yd$
Hd$0BBMR1BDHuwI! f.H HHSHH_(tSt.t[fHGHtHp(HtGE11LG11H0[fDHtxHcE11Hf.1[fff.H(wSHHs H5Hr
[fUSHHHr Hx(HHH[]SHHHC(1HtCH[ff.USHHHHHC(1HtHu(CHH[]fH('ATUISHH-H1Ht)Hu(H7D$tH~L
H[]A\HD$H[]A\ff.HSHH=d(Ht(8kuSxeuMxyuGxuAH[c H8 HtSH{(LC11H[DH=}Hu&H[X 1[@1D[SH582x
HHt!<K HHt<H[DH
A3AxoDH5H81"x
SHH?4J H{H H{ H{(H{h [Hfff.Ht+SHH;J HH5@T[w
Dfffff.t'ATUHSHH6H?` u[1]A\1DH}f H{LcHuLH{(Hu(LH{HHuHLH{hHuhL[]A\fDATUHHSIHHLuHHuCMMt
H?L~111S^ 1[]A\HtH;E11.^ tHH; f HtH;D)^ tH;L11H] tH;HkHe H;LcHDHe wCHED$H{AAE;EL$I@4D
LHI9uIcHAALK(AAD1SAAE~11f.4T AHHA9HcIALE!HD1A"
H;L111\ L1Hn@H;hd H{HHc1[]A\AAD1SAA+Hffffff.AWAVAUATUSHHHuH[]A\A]A^A_fHH?Ic
HcLcM~QLEhMI)LL9LD$LLDL)tLD$H}HuHDMLc t1I9L}HreDL)MI9sUH}DLLSc uH1[]A\A]A^A_fD1DHLU
f.H}hHL11AAUATIUSHHHH?b
HLcLMeA9TDHc)D3hHUHC(H9HCxH9HShqHB9eCh2C(E*Ci2C)E'Cj2C*E4Ck2C+E1Cl2C,E.Cm2C-
E5Cn2C.EsCo2C/E;Cp2C0 E2Cq2C1
E DCr2C2E
;Cs2C3E<Ct2C4
E=Cu2C5E
HCv2C6E@LD3()H|3hHAofvAo@fGF9tHfDTh2T(TH9H;HH`
tH[]A\A]fDLHDDH[]A\A]f.H|3i1HcDdLE~HSHEH9HCxH9AHShAt$HB9Ch2CELCi2C ETCj2C
ECk2CE?Cl2CEJCm2C
EACn2CESCo2CETCp2C EUCq2C
E LCr2CE
MCs2CEDCt2C
E;Cu2CE
2Cv2CEfDLD3)H|3hHAofvAo@fGF9Hf.Th2TTH9fDq1HTh2T(THH9uQq1HT2ThTHH9uBDfDfD1ffDfDfDl1e1
@ 6lb1[
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ftLGHH?111T D1tDHHHx
HfDSHHtt9H[K? HHC01Htce HC(H[H{(D$ H{0*? D$H[Ht^USHHH.tZ~+uNH3Hc8HHCH[]
uCHyH)1DfD
uHsH/9H[]H[]@tDSHH{@ H{8H{H![f.tDSHt6tat[DHBH%Hp(Hx l
HZH{(c H{
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HhHHHt~DTHH|$ THT$H|$@HlLHT$(HT$
HD$0)D$@HT$PHDvHhHH'HHGHHHHHDHHHHDHHsHHDHHCHHDH7H0H0GH0H0gH0HH0HHDHH0HH
DHH0HHDHH0cHHDH0WAUATIUSH2HHtJH=G:HHtJ8KH]HELkKH{LIEHH[]A\A]fDH12fff.HGHxs9AUAT
AUSIHHXHHHMd$HHIT$:u1H9HX[]A\A]@HlHTHH3~ET$I|$tq9HwHxtH
EAUu.1A{@H
A@Au.1OH1f@:H
AOyu.AWAVAUATUSHH8LLwHJOHHNHL$1H_MaH{ HsH|$tHCE111A'I H|$U H-Y IH|$I)V HD$H|$X H{
Lc]E1Hs(H|$L9M HK H|$LD$E1MA11H MAHIGH|$HY _I?EHzLLf
vDLd$ L%
Ld$I?xKHH{ HA:H

H|$E1E111HG IwH|$U IH|$W HD$LcH5WLd
HIAYH|$HL ~SH{
 dMLk Lc([FfDH
QAAex.E1E1Hs(H{ H"`e
HLLHC Ae
H1MH8H[]A\A]A^A_DMH
Atvx.xE1E1lDAH
Ax._Af.HK rLD$H|$L11AE1E1E wDH
)Aex.fC0.Hs(H{ Hx,d
Lk Lc(E1HK LD$E1H|$11rE ~Hs(H{ Hc
HC AQH
{f+fH
aA)Ax./Sf.H
1Afx.f.IGlfffff.AUATIUSHHHHHwt.H5IHa
HHC t<LLH&HLc(At
=DHHD[]A\A]@H
iAA.E14HD[]A\A]fDAUATUSHH}HItuHHIHtOH=GHHCCHHCHxHL[HL]A\A]H?Gu;HCDH
A{.oH1[]A\A]fH
qAz{.?DH
IAA{.H1[]A\A]f.HGHxHt
HxtSHH?$FuHC[fH
Ak.1[ff.HHuCHGHx(HGHtHHtHct~SHft1H@HGH<tHx(Ht HHHtu@H
1AKo.DH
 AG}.1wHHtH@Hf1fff.ffff.tuHGH@(@HGH@01DATUHS(HHHxt1H9HHx11H
t}H[]A\@H=G|HHCt;L`@H;I$q@HHCH
A&A~.oH1'H
AxA|.DH[]A\fff.u:HHtHG(HHtHG HHtHWH@fDH
1HA|.1H@uHGHxCDH
HA|.1Hfff.uHGHxCDH
HA|.3HfUSHu,HGHHHx(1 HCHh(H[]DH
)A|.H1[]fffff.H(?u7HGHtHDHD$$H@H0[H(fDH
A{.OAWAVAUATIUSH(HLDLL$JHI6HpHHI9L5+GLyHHOH=(GsyHIHC3H|$ht-
HPH=GHT$@yHT$HBIGHxI}HHTHt$AMg(IG
IGH8IGHT$`HPH@HtHL$hHT$pHHP<I1HH(H[]A\A]A^A_fII txIAt4H
vd.1L5GHL1cjfDH
A+Ad.ODdfDTfDAH
ciAQD1L5OGbf?u{HHHGtHH>HtH0H2HtHPHMt+H@HtrHMIt,H@If.MtH@HuIDH
HA;{.K1H@MIuf?uHGHp HP(fH
QHAY{.1H@AVAUATUHSHt6H
A.1H[]A\A]A^LfID$(H>HW1HLj HID$0tH "I|$0E1U ID$0H5mLV
fD15ofH^H{
 HGL`HCH8==-1wHJH4H9s(HC8H
Au.E1HH5L1BV
H%H
A.1=H
qAr.wf.H
AAv.1EH{ HHHuiHCH58HcU
HIoHC1LHHHDHMl$ ID$(f.H

As.E1,HI|$0u% E1ID$0@E1I
ID$I|$0H1HLcHH fH<$H5T
HIID$I|$0HLLcHHk Iu(I} HU
H$I|$0Mu IE(O ID$0H
bAA.sH
<An.H
A.'H
AA.I|$0 ID$0JAH
hfAWAVAUATUSHHQt.
1H[]A\A]A^A_DH^HC HHK(HWHHH4LjHuH
Azs.E1H5L1cR
HF`u\LnHGMe0LxM1HE1Lf H5IE0_LQ
DH
aA.1@H
!At.1I}(1% HIxHE1 8E1I L IO MG(H1HLE1V H<$H5{M)Q
HI#IO MG(HHL I}$LE1IE(H5~HxP
HIIM EE(1HH~RH{L?f.H
AFn.E1\ H
A./f.H
aAA.QH
;APA.@AVAUATUISHGLhLHII}t{ID$1Hh!DHvLH~_HL9|I\$Iu(I} HIEoP
IE IE([L]A\A]A^H
YAet}.Iu(I} H0IEo6P
IE IE(LE18[L]A\A]A^Lc1MuwI<$l9}8I<$mtu;@D1@I|$,8tI|$
9|13H{~Jv6u
H@tH{~9|H{tmbH{ u;RGfffffff.S1HHGHt"HHt1HL$~\$H[fDAWAVAAUATIUSHgHL5GILkHHLHHHdtGH
(~A}e.HL1]HH[]A\A]A^A_DHLHtI}H?xuH
}AAe.ZH=GkHHHCnDHy%LHL$_21LH7t HL$AHi(La t11HG HL$HHA0H- 1Hf1L5GfH
|Aqe.OH0.Ht
HH=)DTH=DHHH
1GE@H!GdV@H=Gi@H5G[@USHHHHtH^-
HH1Ht!H5GHHt4HtHH[]HxH[]AWAVAAUATAUSHIMH.HHHH8tJDHH{H54G?zMLkHCtZL`HH[]A\A]A^A_
fD1
t8H Hx

H1@Dp@H
APA.7DSHHHHtHD2xHLAHuHH
iAiA.1H|$H5AkH
H[HtHHHG0u+Ht@HtHMtHGIHtHtH@HATUHSHH`HFH8.+H7_ HtRLd$
HSH=GLD$HLBt.DD$LHt@H`[]A\fH
9A.H`1[]A\@H
AA.DkDH`[]A\fffff.AWAVAUATUSHHHXHD$.HH.HtFHIt>HwtiH
A.11L-GL-G11H|$LHWHX[]A\A]A^A_HH,=tAH
{fHHH8HL-4GE1E1LHHu)DHwHuHx(ItAHvA9|HvA9~1LvH(HH3HHnIFH8,4)H\
HLd$IVH=CGLD$HL;D$dHsLalt2
(HLHHuH7`Ht$LNHD$HuH8`H
QA.1AH
#H

A.1vH
A.1N|H
A.(VH
A.1.H
tA.1H
LA.1H
$A.H
A.dH
A.>lfSHH0HtHDe~q2%HHbHtuHDHDH|$H5G1D$HHD$ HC(HD$(HH|$H0H[H
A9.1}H
AC.1UATUHSHE1Ht)HHHt.HPHAHHHPHED[]A\K}HHuH
AA.D[]A\f.HHH=SGfffff.HHH=3G~fffff.IHH=cGIHH5?IHH=CGIHH5QHHH=bGjHjH5jE1E1H(fHHH=2GjHjH5
jE1E1H(fHyG4@LiG@L
YGL}ffff.AVAUAATIUSH>HI&HjH&1AuHCHp5GVDLAHLZY[]A\A]A^f.HGu1HtHOHIHHtHOHIH
fDH
HA.1Hfff.?uHGH@ fH
yHA-.{1H@HMHtIMtIHtHHtHHtHDEu)Mt
HWHIMt%HWHRIfAtBAtT1fDH
~HA=.1H@HtHGHfDHt
HOH HHtHOHIH
?u;HGH@tu Hx_HxfH
 ~HAb.HH?uOMt
HGHIMtHGH@IHtHHtHHtHfDt1Ht
LWMLHtHwHvH2HtHWHRHMtIMtIHtu"H@H8FfDHxf.ATUHSH_AH{(HHC(t)1H_ HHtH/ uHE1
D[]A\Hk(D[]A\@?uHGH@0f1ffff.AWAVAUATIUSHHHhHBD(Lpu.H5'|1<
Hh[]A\A]A^A_f.H]H{0. HH@HD$v1fHl$
 H{(HT$H FHt$HE1H5{L;
H{0
 H{(HC(1SH{0E1E111HZ tHD$H{01ELHHD$ zHc|$H54{J;
HItH{0HT$ELH uHt$H?DHt$HLcl$H{0 H{(HC(ID$HzHXHs(H{ "<
L{ Lk(bAWAVIAUATIUSHAH(H=GJYHHEH=NGEH!YHHtyH{ H
fAL}upIALetA1LHD$ HIH L
 H|$l 1H([]A\A]A^A_H=GAuXIGHEHxHtLsfH5aGHD$]JD$Ht$L iLs H|$1 HIt7H =H|$Lc(Qk Lia Lu-
E1AWAVAUATUSH.t8H
xAx.1H[]A\A]A^A_H^IHC Lc0HD$HGLhMuLH+ L$' Ht(L' H(%H=tK1L8+ ,<$e<$#HE111L
tLcA<$1LwtHD$8Lt$E1l$,HDHD@HHD4HD$ f.LhA9DLhH{(HpH 1IE H{0Me(HD$F* HH@HD$8
H{(HT$H4$S Ht$8H<$HD$H|$H5w16
H{0 H{(. HC(<H=GA$UHID$1H{0H$E111A _H{0HL$1HT$ E ?Hc|$4H5bvx6
HHD$tH{0HL$EHT$ H u)Ht$8H<$fD!HHt$8H<$ADd$4H{0 H{(H}Ht$DHC(!l$,!HHH
IG0@H9G$A@H=)GDT@H5GTF@IH
GgHfff.SHH?tO~5==tSHS:HH[@tt>HSuHCHPHH[HC[HPHHHC[HPHHHC[HP(HHHC[HPHHH
tA.W{1lHHtRHHt2Hx tHx0Hd@;HHcHH1HfHATIUHSHI<$!HsHcHDIL[]A\DLh'IMt
HL[]A\/LIMuHuHSL8IL8IH
9sE1A^o.zL[]A\@HH%H
rA@o.E1y)fDAVAUIATUE1SHHVHtVHHHt
@ H}"~@=1LHNAHD[]A\A]A^LHkHA[D]A\A]A^L/HIHL$1H+LIS11L*Ht$H;DR{HH` DH
qAn.E1lxHD[]A\A]A^@HA[D]A\A]A^fH
IqAwin.xf.SHH?dt_~==tf=t9tjH

pA.w1[DtuHCH@Ht3H[@HCH@fDHCH@(fDHCH@1[fATUISHH?~K==tCH
Ap1A.w[]A\fDtCuHCHXHt>MtL
 HIt$H;L#[]A\DHCHXHu1[]A\f.HCHX(fDHCHXfDH'HtH8Hfff.ATUAS1HtEHH8uHt-HO
[]A\@njH[]A\KjHHHuH
nAA.u[]A\S*HHtx1HHKH[fDUSH11HH|$sH|$HE HtsHHHHt#1HoHq'HtHH[]fH
)nA,wt.tH1HH[]H
mA't.1tAUATHUS1IH1HHLd$sH<$P1LxH&H|$<% H" 9thH|$&% H" 9tRHB+HH*HHuH
3mADs. tH1[]A\A]@Ht$LH[]A\A]USHHH?/uYHCHXHt<H;H=G^KHHtH;HKXuBH5GHX=1HH[]@H
qlAb.1EsHH[]H[HtH;zo\HHi1ffffff.AUATIUSIHH?HIEHhH1H}\9H}\uHxLuH
kA.DfrDH[]A\A]H
YkAb./rH1[]A\A]fL8HtL`H[]A\A]fImHUSHH~HH[]ff.USHHH?uaHCHXHt@HH;H=G*IHHtH;HVuFH5\GH$;1
HH[]H
9jA.1
qHH[]H[H
tH;v7ZHHe1SHH1HtHZ[fff.USHH~H#H[]ff.AUATUSHHH?HCL`M1E1HuLTtSH}'I<$Y9I<$YHuMu5YHItVHu
LTuH5vGLE1+YHL[]A\A]DH
hAb.oE1HL[]A\A]fDLcI*AUATUSHHH?HCL`MI1E1!DHuLStSH}/"I<$X9I<$XHuMuXHItVHuLySuH5GLE1X
HL[]A\A]DH
gA.onE1HL[]A\A]fDLcI &USHHHH<H;Ht
H[]fDH8H{HH[]FfDSHHHtHH[[fAUATIUSIHH-GHaEHHtL~HHSuBHHW7H
fA6A.Vm1H[]A\A]fLh~H{HlotI}H6I]USHHHHt*HpHHtJH;BaH+H[]H
eA@.lH1[]fDH
eAEA.lH1[]S?u*H_HHs
 tHyH@LHHS([fH
eA.l1[ff.AWAVMAUATAUSH(LLt`HI(M}iHH"=E111LHH(AUH
dHv ~yLt$L11M1H A_H
d;cHHCAdH
odA\HHQ .Hq H
HHH=(GBHH/H=GsBHIHECHxEhgHIFHD$}BHT$HIVHT$lbHT$HBIFHPHH5}GHHHIFHH@gA11DDHHIFH
4$LHlI|$AHNt\H(H[]A\A]A^A_fMH@LpMfDH
bAD~.1mi1fDH
bAA.?i1H5GH 3H1fVf.H@LpMo}0H
DbAI.1hH
bAiff.hHIk@H
aAA.oh1:1fAWAVAUATUSHHLvI~ InHtHGH}AHXv=}t7H
`aA,.g1HH[]A\A]A^A_DHuH={G<HHH8=H7 HI)$HIHE111ELHC uoLE1H5`L
1HdOH
`A%.gHH1[]A\A]A^A_fD1L HuL
 IFIv EAV(MHHH8$ KELk(L Hc1ID
HHHH9IH5_aHi
HIHs L{(LH4$ Hc1IDHHHH9HrzIwqH4$E}I}LAEFAEFAEPIGH9vI|D)rh~!L|$<ALLLL[L[BfDH
^A5.e1H
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i^AKf.E1dLIFH54^kHc8
HItmIFLLc0H@H$
 LcKI9r
1LIHtQH

]At.vdAVH
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HID\$LTHLtjLHT$<GH)H$LI4LT$(LL$ D\$HDHHTD\$LL$ LT$(uBH]LL
H
\AA.cHLHTELLLLLLLLD\$tHHTEE)LLLLcE1111L
LFHTLLELL$$AAAQA2QA2A!AQA2Q!AIHI9AIQslAEtAAAAEH[LL
Hs(H{ H[x
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L{(LIAI}HIEDHLILLH)AH)HHAAAEDTAThALLLLnIFLLhd\DTfATUSHHHt(H?usHCHH[]H=}G9HHCtsHh
H;HEHCH@@$
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ZAl.`1rH
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YA.O`H1[]fDHwt]fu*Ht
HGHHHtHGH@HDt1HtHWHtuH@HofHGPff.HGHff.SHH?
uHCHt+H@([H
XAl.?_1[1[AUATE1US1HILCtGLH9}CLHHp8HHtMu%HHItHu8LCuLE1bDHL[]A\A]@USHHHHtHH{@I
HfsHC@H{8ISHk8H[]fffff.H'HgAWAVAUATIUSHHH?r
.L{MIGDlE1H$AI(GA9I(D1GHx8HuLG9}5fDLGHHIHLUG9|H}8uL$1t{H<$,G9dH<$)GuLpHLuLHuD$+D$
D$H[]A\A]A^A_LHED$jH
\VAl.\D$HtHG@HHtHG8HHtHGHMtHG
 Iffff.HG(ff.AUATUSHH(HGLgHHDHDH8

HB, H1H4HH{PHH|$E1I~ AH{HlGHt$; H|$HtHHcLH|$H5UE
L1H([]A\A]11HI[PHAH4bLo2#DLLC@Ht$1HLZ! gH|$H{PAfDH
YT.nZH|$-Hl$1LH$ H|$H5TP
H|$H5Sj
HHHD$HHL;$ H|$IA 5LH{(T$Ht$\D1H
jS.AAgYH|$8fDAWAVIAUATUS1HH|$IHD$@HD$HD$4HD$
HD$8HD$L@C9L>CIHH"I|$@IT$LH^I|$Pt7I|$@HGHt)HHt1LOLoM|$PMyHT$ Ht$HG?HLE1| f.HA1|
HD[]A\A]A^A_fH
QA"./XHE11=| H
QAA.E1WfHDHTHHt$H@H@L8ntDD$8HL$3LwAL2LTLDfDHD$AH@H@@fI|$@6 H5PHcV"
HIYIL$@HT$HH1M H
zPA\.VH5YP]L
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9PAo.VcfH
PA}.oV;f.I|$@5 H5OHcIH|$8=
HDD$4HL$HHTLHD(Ed LL$(I|$(T$8LXHoLz wI|$(T$@L~XHF1y H
>OAXA.UhH
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ATUSH H@HD$HGHH8

H6% HHHkHHLC@HsP1H HjH []A\H{@HGHt,HHt HH{HDqGHt$
Ht$HtHcHH|$H5MA
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MA.THD$VHHHCHHT$H

bMAA.SfDH
1MAo.SDH
MA}._SsH
LA.4SUKDATUSHH?q
H[HtTHCHulE11DHLMH{<9}%H{<H*HtMuIE1L[]A\LE1 L[]A\D1@t;
H{F<9}2H{G<u;;1@H{
 ;9} H{ ;8u;HCH8L
t ;1f.H{(;9}4H{(;HP:u8;w;@gDH
JAl.E1QoAVAUIATUHSHPYHHXH3
HH.HIUHULHLlHTHL&
MtiA$;T$CIt$LE1f0A6L`t HHP[]A\A]A^fE1fH H}@1Izt HIHv_ `E1MLqx ;H}@LePHGHt,HHt
HHE(DD$LLHcHpq_ AJH
H.13OfDH
HA0x.OE1f.H
qHAo.N}DH
AHA}.NMAH
HAh,A'H
GGH
GAr.7NfUSHH1HHtHDK~2HL$HA!H|$H5mG_
H[]AVAUAATIUS~NGBHHt*HcHtJHHAu2H%B[1]A\A]A^f.J1HHAtD#
HHDHJI<$Ht9H1uHJ[1]A\A]A^f.[]A\A]A^fK6HHI$tffff.ATUHSA]
H HtDH[]A\[]A\fffff.SH
Hj HtHu1[
Hf HtH_t
H6 HtH/t)~
H Ht!)Hh-F
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H5 HtH^,H4%H@%HyHaH(%[@AWAVIAUATHUSIHXHtHHT DD$_II?
FIoHHreGHHD$(!HIIH\$HbHLl$ LH+
Ml$@I\$8IHIDHIDPADA1I|HtM|I|$L15HHD$HHD$BfH}U3H|$11HGH|$H
LAA9tH}39|H}39\$D$%D$u(I|D(DRDt]D$I|$@1+m HID$PHEV I|$PE1Mq H}(HL-
qHXL[]A\A]A^A_}A$eEYDH
AAl.E1GHcGHD$(Ht$(LE1rH=dGlHIGHX[
I?HIGH@@7
IoII|$@HGH=HH-1L7H
@Ao.F#Ht$LAmH
S@Af.FHt$(LE1YfI|$HLD$ It$P1L H}(H/HHHE(CHHoHLDH}H*HCCH|$ Ht$H8 1|$H
H HIPH
e?Af.EfDH|HHDH]H5`GH|$H.LE1HD$0HH/A9OH|$0DB/I9HHD$8LD$8ID$IPH8H2
uw3
LD$8HLcH&AH3LD$@LQ@AH|$0%fH
>Af.E1lD-HID$_pHt$HLH5^GH|$HA-E69H
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k=A}.CH
E=Arl.CA%H
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'<A)Ak.1SBLLuvtHeDgHIfD11qL1EH, H
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t-H
^;Akm.A1H[]A\1HH1HtDHHHDDH[]A\DAWAVAAUATIUSIHHHy
HHLE1HHt&DHLAHu(HHD[]A\A]A^A_fL9tHcHIMLufDH
9:Av.E1d@fLHt
H8BH
9ARc.E1%@UHLA0AWAVIAUATMUSIHHEH{H3
H1LLH~]HHHHtJDHL,HAuL9t&H+HI`MLu fDE1HD[]A\A]A^A_H
8Ay.E1?fHHt
H88H
8ARc.E1>HvAWAVEAUATIUSHHHH<HtHT$
 LD$xA>H<$E11Lt$0HHH(7H>(E111LHH|$0tAH(9|H'A9H'9^A HDHDAuD14H'HI[xL_-H|'9|MoL=EALl$
H|$EAtH\$H<DT(HXHI E1fLLH
HIH9uH|$ I9tH9\$tHH5RGH|$;&H5VGH|$*&HHD[]A\A]A^A_H
Q6A0.1}<EHD$ E1AE1HDHDEMHL1].Ht$H<$DAH%9VHL$81L"H|$8`HHD$
rEAQH<HDT(HIDT$(I1E1M_L;l$ T@L0LHeHInI9ud3H
D=DD@H<$15EIAHD$H|$DHAD$HD$ 1Au=E1E%DH$LHAHv$A9|EA1H
14A!.1]:EHD$ E1AHDHD1E1LP0Ht
H8~H
3ARc.E19!SHH
t3Ad.9HcxH53H1WHE1HD$ AE1E1f.H<$A HD$HD$8E1HD$(GfDH52HAHt$HH(Hs
HAOH"A9DH"IHHHT$(E111LHL$HT$8HHt$
 $\H
-2A.AX8HE11EHD$ AH
1AA.E181E1rEHD$ A1HD$ [Hm11HIMH
a1AjA.E17PH<HD?H<LDT(HIDT$(Ll$ H|DLD1ADWDT(DHLD$)_H\$D$*H
0Am.D<$E16D$x1E1HH<$LHIDHL^EAHt$LjtLLE1M[HIH
0AZA.E126QH
/Ax.L 6MLE1LMff.USEAE1HHHH1H~HHH[]XH[]fAWAVIAUATIUSHH8H|HIDtHCH@@0D$L1AD$L
9fLHHD9AMtkLHxLD$$ LHH|$H1HD$DL$oA2@L LHUH|$H1HD$:T$~TuDL9MuEutuLH
-Ar.3E1H(MHD$ D$H|$ 9DdtH|$ LHHD$(@uLLHqHT$(H|$H1HSE1AH8D[]A\A]A^A_D$tfD;4AH
,Ae}r.2E1HH|$ 1LHHDHTH|$H<1HD$T$SH
N,Apr.DL$w2DL$ffff.AWAVIAUATIUS1H(HtHTLD$MIf.L9LHHHT$LH2AHTHtHHL11H|AH(D[]A\A]A
^A_@LnHHu6HTHtH,HLq1A1HEH2L
9|H
*Aq.E11bH
*Apq.0,f.AWAVIAUATIUS1HHT$ILm9}aLoHHuHT$LHHLt1A1HE~H[]A\A]A^A_@H
)A.0H1[]A\A]A^A_fDAWAVIAUATMUSIHHEHkH#
HHC1AMH@P0umMuhHuMAtrHHHHt\DHLHAufL9t=HHI8MLu fDMtLLHuE1HD[]A\A]A^A_@H
(Ap.E1.fHxHt
H8H
j(ARc.E1.HuAVAUIATUHSHIAHHLDHjV11HyHHnAtGMAu`f.I9tHHHHHu[D]A\A]A^@H
'Ag.-MuH[D]A\A]A^fDH
Q'E1Ah.|-
[D]A\A]A^ATUISHHttH[]A\f.1LHuH1HATIUStbHj}HHt@@t<tH[]A\@1LHYuH1Kf1Hf@KHfDAWAVAUAT
USHHIIIIDHHt]LLLH<tH@@tJPtHH[]A\A]A^A_1LHuHD1@1H@H

%A~z.1+AWAVIAUATIUSHHEHHIH
AHt1EHLLH1HFLHkt?H9|A@APuI1DLLu5(H
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LH;1LFcH
B$Ac.p*fffff.AWAAVAUATIUSD@HHHIH11IA1FHHt
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!#A.1M)dH
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"A.w.?(LE1[L]A\A]A^1DLLt[L]A\A]A^1LAPtH
!A=Aw.'@H
q!HAA.'1H@H
A!HAGh.k'1HHiOGH0)Ht
HH=aDTH=]aDHHUSH5o!H0H HHtIH(HEHt HtHH[]f.H5!!H1Z H
!AAg)_&ffff.Hfff.ffff.HGff.Ht+SHHH@HtHH5
8[@fffff.HH@
HtAUSIcHAH~%H\$Hc~DHToMD$fEH[]ffff.HH@(HtAUSIcHAH~%H\$Hc~DHToMD$fEH[]ffff.H1HtUS
HHH? H}HH HH1[]DHHtHH fDUSHHHH?H6H9t u%H}HsHt#HtH[]H[]@1HH[]ffffff.Ht AVAUIATUSLwL
xQL%L
HxHL H}L LH uLy I}H5v [LH5a]A\A]A^h Ht+Ht&H(HH4HHDI
H(@1ffff.HHtH@Hf1fff.AUATIUSHHLfHHHLuH[]A\A]I}H HHtLH\H}H5i?w H}H5T@b H5CHAN
H[]A\A]HAUATIUSHHH8HHHLl$tMHt$Ll$~D$HTDL)D$ HtH@H8[]A\A]f}Eu}NtDH{H7LLdHD
Hu1fDH0^ H8[]A\A]D}Vu}uL^ HuD1ffff.1HtHtSH5HH=F HHC[fHtKHGHtBS1HH H{H59HA H{H5 H{[
fffff.AVAUIATUIS
HH5uI HHLhH5EHcH} HHtEHLHI~HCHLc HuI~
H[]A\A]A^LH;H5 H5H1 H[]A\A]A^fLfD111Ht"HrHGHGHH
HGD1Ht"HGGHGHHHGD1@HxHGP@0HHHH5Y Hffffff.USH5HjH HHt
HUtHH[]DH5Hm1 AWAVL5AUATIUSIHDLL5
HHHaHHH|H5lStH|+H5>uL"L|LLM HH8t\LHH
H5H4HLH HCHH[]A\A]A^A_*fDLLH
H5TLH@
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iAAkgL1
IE}AWAVAUATIUSHH8Ht$ HT$(I1MHpLHcHIU1xlHB@# CHsHJuR<r
INHcKHIUyHsIVHcKHIUoIFH\$(HcH54(H; IFH5LH
H8[]A\A]A^A_@u$Hs{D{A{A(1EEAHfBuAfBHDEEyD9$H
eAZfecLH81[]A\A]A^A_f.HHcJH<z@uR8tN LSt5Cx
Hzu(HIV2IUHyHLL8tDKHHHc9Hzu>8H{u.C8u>HIV2IUHyHH8uCH{@HNfD<b <t D}<nu
nfA:u
y:D9E`HHt$ LHLhHLHIHE<HHTH+\$I6HT$HHHLHT$HHT$Hc
H)tIvHuH\$E<$IUMDD[Hs}EEOCHfbD[HsEE=)DyHQMEE+AIfA@u@AfA@tIE<EyALHL$D\$D\$HL$HLd
$@DHHt$ HALHLHDHL$HIeCH9H
AnheH
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AwAeQCH)IA9IDLHLD\$HDHLHD\$HtHH1ffff.HOHHHtLGH50H1{@H5'H1{Ht+SHH5H
[1ffff.AWAVAUATUSHHHGH|HT8HDhHDpHD$02HHD$H5EH=
HIHD$h{H|$H
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HD$8HtHL$ HHL$ HH1>H5~1H3H\$H{H;|$0t
CHC1Mt>IH5 IH5 H5L H[]A\A]A^A_fH
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[RfHt$hH|$qHIHD$pE1E1HD$ E1D$(HD$HD$xL|$@HDHD(H|$HcHQHD$Hcl$(HhE*fDHt$LHIHLHH$HD
H|$puLHIuH|$H|$hH5= LhfDH5LE1 LiHINHcT
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QHcHH)H9ttH@
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D~ZHLHcD(E1LAITHxMHL$HIA |$(tBx
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A= HD$xA9=LHHxDEtHJI9w3Bx+DEt$IQxDEt HH9uHT$HH|$LAL(
LtxHH$1HHLq$%=@H|pHtLYHILl$xM9M\HLAH
AyE1f.PxHDMt
H@PHHHx0HDu8pHxu!@8HHyHHfHfpHH@xKH|E@w@8DIHA
t1ExADuqH@yqHfDDHEurf8HD$E8Hh"H5L%H|$xIL9tH5 p
M6ILE1D$(D$(D$(`HL$HcD$(LAITHAAxDIHA@DpHxHH
AgyE1
E1HD$ H$@8tHDLf/A[dAFINy"DuHx
TUuILx"Htu@ ubft#BHytxI9tsIfD@HtuHxHtu@u<]ttHBxHDut
Ho@BH^H
LADdyJE1H$LyLt$HT$h1LtHt$hLE1uHHD$@D$(Ht$hH|$HIHD$@H
ANgyH$AH
|1HIAzfDH
IAotGL1)H|$xIL9H5p AAIQyfuHx DEuIMDEx!ADU
u&ftFEyIEyLD$h|EyExIDEtIEyIA:uAy:DULD$hMu"$fDIE:ExADEttH5YLLD$XLLPLT(?LT$(LL$PLD$XuM
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HHEHELD$(Lt$HULLLD$(LyLD$(Ht$hLtgLD$(LLHLD$(H|$HHohAH
bAyIcHhHD@HD$EyIQAIHhEx!IDE u"ftBEzIEyMMIEzExIDEtIEzIMMIoH|$LHAH
g,AH
|A1UAH
`HIH\AAH
eLMffff.ATUHSHH5<IHt"HLHH1H[]A\%t1H
1Ax[]A\H
q1Arxm[]A\fDH /GH.GHHt
HH=BDTH=@DHH@0@RQfUSHHHH~GHtHPHkH[];H~GfH=~GHHHtHPHtH@fH
qAAoHD$*HD$HtH`Dfffff.HtH`
Dfffff.SHH HHHH [ffffff.HtH`HDH
HAiq{1H@HtH`(DH
HAin;1H@ATUISHHH HHDLHHtHD$H []A\@1fff.ATUHSHH5IHt*HHLHHHH[]A\fDH
A9d1uATUHSH1IHt'HHLHHH;H[]A\H
QAJg1
ff.ATUHSH1IHt'HLHHfH[]A\DH
1Ar[]A\fDHHtGHtH)fH
AklO1HH
aAilffff.Ht+USHHH(HH$HHYH([]f1ffff.AUATIUSHIHHHHtHH[]A\A]fHtSH
AlmzH
pH5ML1HH[]A\A]@H

iAjm'HH[]A\A]fUSHH8Ht2H\$HHTHHTHH
H8[]fDH8[]@AWAVAUATUSHHHL$IH1HMI$HLh8Lp@H{MLDMLD1I<3LALHcHH)HHH9|xHDHH,A3LAu
HD$H(H[]A\A]A^A_f.H
A)CpH1[]A\A]A^A_fDH
A<ypH1[]A\A]A^A_fDL5yL-
ffff.AUATIUSHIH8HD$?HtJHl$HHJHL$LLHG@1tHD$H8[]A\A]f.HL$LL1f.HtH`0DH
HAXii1H@USHHH(HHHHH([]USHH1HmHt(HHHH H[]H
1Ah1H[]@USHH1HHt(HHHHH[]H
ALj1}H[]@HHtfH@2HfUSHHHt2HH1HtH;(H+H[]f1fff.Hwff.USHHHt2HZH1HtH{HkH[]1fff.SHH?H{H[Hw48
M(HOHoAWAVAUATUSHHXHH|$2H1>HH|$HhI1MH1LHD$HH\$
HDHDCHD$(9LHXHH.HH$Hl)E1Lc7f.H=tGDQHxLHIAH=dtGA9|H|$trH|$H|$ L9OHX[]A\A]A^A_
tH|$H51HfDH4$H|$HKHI2111LlHIH5HjHHD$0H5LiH=qsGHD$8H50X HIH5L(H~
HL$0HID$ILHL8IL$@H=sGL@H5*(HIH5g/HMe^~
H<$H5KIE0E~
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 HAHAu\ID$HtHt$L~1AH=NrGHLSAD$ ID$HtLI}H5X I}H5Y H5ZL H|$H
rAmvLt$(H
1L`jHL
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Z7AVLD$H51HXZH|$!HX[]A\A]A^A_HH
AqvH5lH1A@AHH
}AsID$HEHHHpGABBpIHHqpGE17fDI|$H5$ H5L DLDcD$H
AuDH
UH5VMH1(ApAnH5dL_ E1H
KAAziE1ZUSH-HH=ioG$H=[oG~YHHtHHPHtHHh H{H H{H HH
HnGH[]fATUSUH=nGxeL%aH=nGrH=nGHH}%bH}L$ LH uH=`nGuH=PnGH@nG[]A\H}t8H=*nGkH}aH}L LH
tH=mGH@ ffffff.AUATIUSIHHH=mGt{H5D0 HHH5"HLy
HHCLcHkH=RmGHt6H[]A\A]fDSHH!mG1Hk@H{H5D$ H5H D$DH
qAAz1oH5AH< 1LDHHfHGff.HGff.HG ff.Hw ff.Hfff.HGff.Hwff.HG(ff.Hw(ff.USH=KH/ Ht!HH5V[]HOw
sH[X
H5)HcHQ HHt*DL
LHHHH1dHH[]DAVAUIATU1SIHxHHMMt\1LH'31Au{MtMHAE[]A\A]A^HLHRfDHIu1H5:L5
1E1f%rrHcfffff.AWAVAUATUSHH1HAAIM6DHeH9Hu]11LA~|HHEt+@t HDDh tH+@uHD
HD;t;HHuEuQH)HLHAH[]A\A]A^A_@H[H[]A\A]A^A_@HtHtH@HDB uHHtpfDH
A swH1[]A\A]A^A_fH(HHD$)$t
HD$H@HD$2] H(hGuFHATUStMHHoLgxCLHH[JhG]A\fDf.11A2@hGAWAVAUATUSHH=hGL-E1E1H-
gG1LLH}e H}tB1@HEI3ILHJ< 8 HE4LJ| " H;]rH}6LII L;5dgGvH=_gGH58
HCgGH0gGH[]A\A]A^A_fH=gGtAWAVIAUATUSH8Ht$LHHHIHD$wcMH
{AJw{iH5H1H=fGtd1H8[]A\A]A^A_H|$H=^fGHct4H<[H5PH+ HH1fGtHHfGHD$(HD$
 H-tHT$(t$ H|LH|$HpHHH$rBH{cHIq
HI$H<$CHcgHHH\$Hw HID$HI\$1fH<$HLh.HIL$ILIrHPHHLEvLp
I~IwHp
I?IGbHYHH9\uHD HD$(HD$ H9dGv5HdGH
iAHx{WH<$tHH
2A_u{ HSLCH

*H5Y1n H
A\v{fDH dGHHHHHHH@H

ffffff.1HtiAVAUL-cGATUSHcGMt2II1@HHL9t#H;LuI.[]A\A]A^[1]A\A]A^Dfffff.HHHHHFHff.HH5"H=JFHHt
HH='DH='DHbGt@AWAVH=fAUATUSHbGHIE1A
<~$AMA}01EfD0A9v4IHIAm|4ul4<$~zA$L5nF<:fDIA$<:uAD$<~D$MlA}0A
DE1H$0A9v1L$$IIAm3u3uOLH |$~
EfAFH
A^AH[]A\A]A^A_fD3hy3hlL6HA$IFfDL59FLa6HtfA}3xtQIA5fL5FL!6HHHH!HHnHH!\IAAE!fA!FfDA}2xtIA
_IAPff.HHt$(HT$0HL$8LD$@LL$Ht7)D$P)L$`)T$p)$)$)$)$)HHHTHDHD$
DD0HD$HGGH8Hffffff.1ffff.HH=H1+AUATIUSHHHuI$1H[]A\A]HHH5<@$Hc
HIteHH]nxw|=uD|=Pu8|=u0H5L; H[]A\A]f.M,$iH
NA&A|2H
+A,l|2ffffff.AWAVIAUATMUSIMH(T$[HHHD$HD$}@HHl$LHAY)Ht$HcHHLHD$OHt$HcHHLHD$#AjHT$
HtHHTHc ~wH|$H5q LHHD$t$H!t=H(H[]A\A]A^A_H
ASs2gH|$H5| H1pfDAbH
[v2DH
9AJA2Mf.AVAUATUSHH+IHII11HHu^Ht$1H\$MH5HHV H
LHHIEHH[]A\A]A^HH5u$<@Hc5 HHLHjA|,=A|,=PA|,=PH5;H AH
nv2H1[]A\A]A^fDH
Av2H1[]A\A]A^AH1rHcH
gA&A|2.H
AA,l|2HP2Ht
HH=!DH=m
 DHHt;SHH?H5
S H{(HH5[5 Dfffff.AUATUSH(HHD$HHHce
HHLcHHL+HItsH%nHLHH|$LHH51HD$ D$xt[HHt$H8VtffH([]A\A]H
A}ow2_H5H HC@AH
pH|$H
AA2lSH5X^ HHtHHt4H[H
!AaA2DH5Hk1J Ht+SH5FHH?HH5s[fffff.ATIUH5SH;@ H1H(H1xHHHC1L.AH{H|1HtyH
bI,H}tH{H
2Am{1kH{BH5HE []A\AH
2m{H{fH
y1A>Az2[]A\fDH{kfSHH=0 HQHH[HDHvfDATUISH5H0H HHH5L,a
HHHtHHDLcf~:H|$HcLH|$H5X Hk(HH[]A\@H
aq}2AQH|$H5;X H1HH[]A\H
AAu2zfH
AAu2_ffff.Hfff.HH>H
HG(ff.AVIAUIATIUS1'I<$HxLLHtI<$9|1[H]A\A]A^AWAVAUATUSHHIHIIG@CGApkHMHI+fI)L9wxHHLJu
%HI)DID)H[]A\A]A^A_fA*H
kp2A:H
Agp2wA3DAVHBAUATUSHH=IIH&HHI<$H|$lH*AcH
Hh H+H|$A^
HHCH|$HC W H*H8HS(GH0H HS(GH(H HC(WH H HC(WHH HS(GHH HS(GHH HC(WH
HC(DwH|$fAEL9Mt&H:vL}]
HHC0H|$LL)Ht$H|$Ls8HHlAHH)Hl$I,$Mt
I}2I]HH[]A\A]A^fDHH\
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ALhn21H1HH[]A\A]A^ArH
;hn2WDATUISHHCPMHhtBI<$HtIH/I$C@HGCAGHCPHGHCPGHsHHSP[]A\fH5H HHtdI$H

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<Agm2RH
AAm2/ffff.AUATIUSHHHD$rHkMI<$HH/H|$E1I$HGHD$HSHD$oH|$oBHO*@C/HL$G
C.G!HC(H(G"C,G#HC(HG$HC(HG%HC(HG&HC(G'HC8HG(HC8G)HS8HHt$HH[]A\A]HkPHk8H/HsH|f.H5H
HIHDt,IHHs0H4HK8HHL$^H
LAAk2bfH5)L 4H
Ajk2E1fff.AVLrAUAATUISIHHHHfI9HIH/HuDH
HHuMIHIHHfL9HuZDHH
MIHIHHfHL91HI)[HIuMtI<$t1[H]A\A]A^fH
fDHHtMf.MtI<$uI,$fDA#H
Kio2gofA*Lx PAH
io23f.AWAVAUATIUSH(HHD$
HID$HWH1HD$Ll$DL|$LIGHD$LHuthAGHAHLS9|Hw>IHEL$HHTUHDPuI.H([]A\A]A^A_DT$tI>H5rD$
ID$H([]A\A]A^A_f1+L1Ht$HHL9HUH([]A\A]A^A_1ht)H5<HcM_ HIt;D$tH
AJil2D$%D$H
ANAl2AUATIUSHIHHHlHHHHD$Ht@H$HLHPHT$HcHHtL#H<$HH[]A\A]1@USHH8HtHDDD$t.H\$H
H{H|$H5D$ D$H8[]SH5
) HHt!1jH,HiHCH[@H
A!A2ffff.Ht+SHH?oH{fHH5t2[A fffff.USHHHH\t H]H[]USHHHH,t H]H[]Hwff.Hwff.Hfff.HGff.HGff.HGHHw H
~HcHfHH@HH@HH@HH@HhH@H<H@AWAVAUATDjUSHHAH8HHW HwHH
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[H5 D1H1U0H51Hw1Mt&L*H
H5IDH1L1H
H5DH1A-1DE HMDHH
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LLD$HHHLHHi\&H)HHIH1H~LLD$LHHLL$HIEL1LL$HHiA)H @=LL$LLLH
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H5DH1/H$h
H5HH1/H
NH5DH1/HMHDEPDH.H8[]A\A]A^A_AH
H5DH19/HMDEDH
H8[]A\A]A^A_fH
H5*H1.H
H5S1DH.EzH5QH1.p@HM0DHd
MAU@H5{H.@LH@AWAVMAUATAUSHHHHL$,~\AE1 AE9tKDHLHDHHD9~HT$H5U1HA-
E9uH[]A\A]A^A_HtsSHHH5) H{0H5*m H{HH5+X H{H5,C HH5-[. fDfDH5Hhf Ht@XHH
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HA8gh21H@G`wwXH
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ASde2[1]A\ATUISHHuH ugH{H5eR MHCHC C`tfHtaHkHLjK
HHCtQHk []A\H
iAads2[1]A\[]A\fDH
)AmAs21ff.Hw(G`@tXu G`fG@f.H
HAeg2[1H@G`fW@f.ATUISHH0H5[H} Lc0Hk8C`[]A\f.ATUHSHH0H5I} HHC0HC8C`t:Mt5HLHI
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HHCHt%LcP[]A\[]A\fDH

AAt2W1ffff.GXfff.HGHHG @HG(ff.1u@tWAtEHG0HHG8@HGHHHGP@SHt1H{Ht
1H{P[fffff.1t7u#Ht,HHfD1HDfffff.G\fff.w\G`t!tt1fvfDG`fff.AUATUSH(HDHDtG`H(1[]A\A]f.HHW
HwHH}iHItaHItL<H|$HtRH|$D$gH|$]LD$H([]A\A]fDC`H(1[]A\A]@Ht$LkuHt-
HuLHu1LtJC`1gH}Ht~H|$H>Ht$L(HLEC`HtkAVAUIATUHSA~C1AA!D9tEHHtLHy[]A\A]A^[]A\A]A^f.[D]A\
A]A^H5!HPy Ht H@H
AA~2HDrHDHHt{SHH?H{H5&
x H{H5'w H{(H5(w H{8H5m)w HH5Y*[w fDfffff.AWAVAUATIUSHIH(HHDHDy_umM1H|$H59w H|$H5#w
H+1H([]A\A]A^A_f.HqyE1HXAMHHHWH^H&MZL1AxZLZHjAELL$PHHUAtWLDL$IHMHHwLHfHHZSfHt
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Ht$L1A~ZD~H|$HL$E1IIcH't4I|$H9H5t I\$ID$ 1H5Hs H|$H5ws H[]A\A]H5Q 1s HH-
f.1SHHDHH[AUATIUSHHHH1HLcHD$MtH{w"H5 ;s HIHt$L"A|H|HLE1IIcL'&tsH{I9tH5Kr LcHC H5.1r
H|$H5tr H;H+H[]A\A]fH5L<r H|$H5&r H~H1[]A\A]HwHAWAVAUATUSHHHHH}CX|HS H;UHuH{AHEHH9C(
HIt#LuX{11HMLL8@H}yDH
Ahj2E1<HD[]A\A]A^A_f.H
Aqr2E1f.H
Als2E1f.H
QAut2^SXuH}LttTLLDD$HC(HD$
H8L$HH0L$HH(L$HH L$ HHL$
HHLHHL{CXL}(Hm0M_HLHL@lDHHD$2,HLLHC8LLHD$HT$HS8HufHSPHsHLAH
Ak2$HU HuLL}8Hm@Hs0Lnugff.H5H=:
HHH
02HE1%Hff.ATUIS1HHu)3HFHuH9|H[]A\DH1>HI$[]A\fffff.ATUIS1HHu)3HHuH9|H[]A\DH1HI$[]A\1wHbHcx
S E[DS E[?f.HFwHHcHfHHHHHHHAWAVIAUATUSH(HA0A@HHHI8Ld$L5LDHAHIhIc<L1AHI H1
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fDIUMLHL11LTDL;ttD$uH|$iFIPAHIHyAWAVAUATIUSHHZHXEAH|$
HT$(E@HUHLd$HIHHD$L4DDA7AWLII11HL$HDLLHAMAEAEAED$LAEAUAUM9AUuAHD$(H|$H|$
HH\HLl$ HIHH=HcH@HwHLd$HAHH\$8H\$
LdHlHD$0HIHD$D@E4Al1Ht$H|$IIDtHlLLHDLD11EAMA]AUAEA]AMAUL9l$AEuHD$8H|$0AH|$
H|$(Hl$HH\HH|$
1HHD$HGH|$HDLDTHD\$LE1Lt$E1IHwaHHcHDDIADIFA^LpDXDIVAFDHBJDLpxEVHX[]A\A]A^A_DA
EIAEIU LjR A1AUIEHp@ FLn AU
1H|HHLHDDLDHAA^AFD$LAVAFA^AVAFHX[]A\A]A^A_fITEAHt$V1f1PfL10fDL1fDL1fDL{LL~AW
AVIAUATMUSIHH8HL$$HDxLDLlpHD(1HHD$AUAMHt$H|T,HTL(L];L$(T$,AUAEAuAMAEAuA
UAuA/1AUA,HH9t)HcA/L>1A,HH9KHD$xH8[]A\A]A^A_HtHD$(1HD$AUAMHt$H|T,HTL(L:T$(L$,AM
AEAuAUAEAuAMAuA2/A,HAUH9KHcA4/L@21A4,H@1H9KDAWAVAUATUSHx@LD$LL$$ARIHIDAH
$D@M9DH-LL|$
EDt$(AI|$@H|$`MAHcH|$0HHT$8DAE))|$HH|XTDH|fDHHTHtH|$L)|$
DtXDl\8|$J;^HWJcHfDIA4$It$A|$LfnItALLf@~I|AtHwwLfVD$(M
@DThtid$aDDd$eDgTkT$@@t$bEDDjALllmDt`DLcDld@tfDnLoHt8H|$0
GtHTaD$`|$DAAD D$`D$bAAD TaTcAAD DbDdAAD TcTeAAD DdDfAAD TeTgAAD DfDh
DgDt`Dl$dL;|$ DEH$DHDDWAGgDOWGHx[]A\A]A^A_@M9rDDt$
DEAI|$@H|$`HcH|$0HHT$(DAMA))|$LH|$XT$HH|$HHTM)Ht$H|$LlXDl\5|$HJcHf1qHy wHO HQI
zHJQLQ ARIJ HYI 3t$\L3T$XM|$JctHDLLLH1UfDL}1EfH1<fD118I112@1131D[HKAD DYHYAA KHSA
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@AdaDdeTbDgDDdiADjD@l$`DL$cD$kDDl$ddmTfD$nDDD$hD\$lDoD@Ht$(H|$0
D\$DDD$8#t$LTaD`|$HDD$8D\$DAAD D$`D$bAAD T$aT$cAAD D$bD$dAAD T$cT$eAAD D$dD$fAAD
TeTgAAD DfDh

Dgl`Dl$dD3D$XD3\$\M|$wuHJcH@DIA$DITALDLbbIT$E\$DLbJDILATDHQaLbDBMM9DADLLLLH
1HfDE1JHE1BDE11>fDHE11;HE1E1:fQHSHH11@E1E1DDEDEAPDAA@DED]DHD$8HHD$`fDHD$(HHD$`
%AWAVIAUATIUSHLMH(AT$`H$HL$E1HHL$unH4$H|$DCD
T$sCCD$Cc@sCC71CT5IL9t*HcC7H>1CT5II9dA$H([]A\A]A^A_HtH|$E1H|$uoH4$H|DCDDcSST$Ss@sS
C27CD5IL9eHcC47H@22Ct5I@2I9d7AWBAVAUATUSHx?LDhHDzAAHID$4T$0E!McEqDHLL$(HD$8HD
`HD$
DEEAfM9Ht$H|$XM)DTLDDt$XD|$\LALD$DT$eH
~DHcHfH@uHu@}HnvHuUHnVHU@uHjbEHl$M9Dd$LL$@EDDE!EqAADAEaAIAADAADAAHx[]A\A]A^
A_f.L9rHDXDdDT$(MLL$@HD$ IEIHDHcD4HD$HHD`HD$8DEAfDDHtH|$ M)D|$\LD$XYAH
LDHcH@ELL$(E1SHs VH^ sHC pHXACH{D GH_ s|$(H\$ 7@NfnD$D|$fnd$D$fnLTfnlfbL0fbfl)D$`HL$8H
HL$`L$`D|$dL$3D$X3T$\LAH=^DHc4Hf.H1fD1fH1fD1E1fDH11@111SHs VH^ sHC pHXCH{ GH_ s3T$\L
Iu3D$XHAwfLEKc<L@H@}AH}ADMHowH}UAHoADOAH}ADMHogEHA
QA@gDt0fnLTfnTDtfnD$D|$fn\$fbfbfl)D$`HD$
HHD$`Dt$`D|$d@H1fD11H11@111fH1|fDHHHHbH`HiCHCHrEADD|$A!AAuDAD$@HLHDT0DD$4|aD)H
L$8DDAD EX@|$`McB|aF\`DAD EX@|$aMcB|aF\`DAD EX@|$bMcB|aF\`DAD EX@|$cMcB|aF\`DAD
EX@|$dMcB|aF\`DAD EX@|$eMcB|aF\`DAD @|$fAxHcD\<a|<`ADD @tgHT8|$0D|$4Ta)HL$
1 AwT$`HcT4at4` AwT$aHcT4at4` AwT$bHcT4at4` AwT$cHcT4at4` AwT$dHcT4at4` AwT$eHcT4at4`
AwT$fHcT4aT4`
D$g}GDAWAVAUATADUASD~lE1D^`DfXAndDv|D1AD|$AD1D~TAD\$D^HA1Dd$DnpED|$^tD1AD\$AA1
AAl$E1A3333E1BDNxDD111AA1AE1AUUUUE1EA1DFhDV\D$FPDT$DVLADDTn@F8DfDD~<D^0DV4l
DF n(Dd$D|$Df,D~$D\$DTD^DVDFlDdD|$D\$DTDfD^nDD>DV DHFD11AAAAF3A?F3AA
?A?F3DL$D3D3?D3
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?B3?33A1A1ADEA
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EE?A?AAB3EB3A?B3DD$1D3D?3DA
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AD?A?AB3AB3A?B31D3D?3DA
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E@HHLl$HH\$HHMIHD$M4D3SLIH11LL$HDLGLHALADADADDLADATATM9AT$uAHD$
H|$H|$HH\$HlH/HD$HHH]H52|HcHfHHLl$HH\$8HHl$0Hl$LlEHD(LHD$IDAmEu1H4$H|IIlHDt$L/3\$H
D$LD1EA\$A\$ADATA\$ALATL;dADuHD$0H|$(AH|$H|$
H\$8HHlHHD$H4$H|$H1HD@D(DD$LDDDlH{D3|$HD3t$LHI,DD$nH
zHcHfDDHPHDHBjHPDpDHBJDHPHDHBjDxEEDEEcACDAcD;DKDsCDSHX[]A\A]A^A_PHPHp HFv
A1pHPHzR WHG @
1H4$H|$HLHDDL@D$HAAAAVAAFD$LAVAFAVA~AAFDDK@sD[@kKSDCHX[]A\A]A^A_MEADDAA
DADA1f1fH1fDH1fDH1fDHHHEEDAWAVAUATIUSHjIHhHT0HLDHLLLDCHHIHt$XH<Hl$(Ll$8LL
DM4<H|$ IMIDMuLHH11LT$\HT$LDXDXT$\CcSsKKKI9KuHl$(H|$0ALl$8Ll$ H$HHlHIHIHxH
awHcHHHH|$XMH4Ld$HHHl@H|$(EHt$8LHt$
f.A.E~IHTHLIHt$H|$(l$XD|$\D$XDD$\1E1EAEA]AEDEEAUAEDAAEL;l$
EEvAHl$@HD$0LdHLd8H$HHlHA$ED$H|$XHLHTHHtDXD$(DD$\DD$ MD3t$XD3|$\HMT-DD$
D$(kH
vHcHDIRAJDLRjIREzDLRJDIRAJDLRjErEADD3D{cACDAcDsCD{Hh[]A\A]A^A_AVIAVIN LqI A1ANIVHrR
VLv AN
1HLHTH|XHtDXDD\D$XT$\AAEAAMAAMAUAEAMA}AAUDDK@s@kDcCKDCHh[]A\A]A^A_@I
EADADEDAA1f1fL1fDL1fDL1fDLLLEASHHHHGEH|LD$Lu@T$D$sCcSKSCH[fDFuHFfDH5!{H=FH
RFHFHfDSHHHD$GH|$DDcCD$SCcSCH[A
~UAUHzATUSH,NqJ~-7D$A@&G@t$DGDGDGDGvDGxDGpH|DLl$ HL^H|$LD|D$AD$LK
1EADdDDTDdTD$HVyHCDD^BLLxA@D@AAAAE@?D^BLL"<A@BLD@AAAAE@?~A@|<HyH
HI9*AF\ED@@?+ADEE< D^B|L@@B|AAAA@AEE< +D^B|L@y^@AABluWE3E(A@D A@@A fA @CDC
HH[]A\A]ABLH1[]A\A]1H|$E1)HHs-
7,1ft@HHD1HqHH)1A9NrkaWMC9/D|1HFAWAVAAUATE1USF.H|$^D^DVD$FDNDFDF
DFD$F(D$F,D$F0D$F4D$F8D$F<D$F@D$FDDFHDFLDFPDFTDFXDF\D$F`D$FdDFhDFlD$FpD
FtDFxD$F|H=WtFD$1AfDDAD1D1A!!ED1AAAA1D11A1ADD
??3DA3A?DB3E
A?B3EAAA?B34E3A?B3AD1A11A!!EE1EAA1E1AD1AA1ADEAF3?AD3DA
A??D3F3EABEAA?D1EB34A
AEA?A?B3B3AA1AA1E!A!E1ED|$AE1EA1AE1E1AEEAA
A?A?FF3EAAF3A?AF3Dl$D1EAB3EAA?B3EAA
A?A?B3B3AA1AA1E!A!E1ED|$AE1EA1AE1E1AEEAA
A?A?FF3EAAF3A?AF3D1EAB3EAA?B34EAA
A?Dl$A?B3B3AA1AA1E!A!E1ED|$AE1EA1AE1E1AEEAA
A?A?FF3EAF3AAA?F3Dl$A1DD3D?D3$DA
A??D3F3DE1D1A!!E1ED|$AE1AE1AD1A1ADEA
?A?B3EAAB3A?AB3Dl$1D3D?3DA
A??3B3A11A!!E1ED|$AE1AA1AD1A1ADE?A
A?B3EAAA?B3B3D1EAB3EAA?B34EAA
A?A?B3B3Dl$AAA1AA1E!A!EE1EAAE1Dl$A1E1E1AEEAA

A?A?FF3EAAF3A?F3AEDd$A1DD3D?D3,DA
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A??B3EAAB3A?B3ADA1t$D3D?D3$DA
A??D3F3ADD1A!!EAD1D1D|$A1E1D11AA
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A??3B3A1A!A1!E1EDt$AE1AA1AD1A1ADEA
A??B3EAAB3A?B3Dl$D1EAB3EAA?B34EAA
A?A?B3B3AAA1AA1E!A!E1ED|$AE1EA1AE1E1AEEAA
A?A?FF3EAAF3A?FE1Dd$A1DD3D?D3<D
?D3AA?F3ADE1D1A!!E1EDt$AE1AE1AD1A1ADEA
A??B3EAAB3A?B3ADA1t$D3D?D34DA
A??D3F3ADD1D1A!!D1EDl$AA1E1D11AA
?A?FD3D3?DD1AD13D?3DA
A??3B3Dd$A11A!!EE1AAAE1Dd$A1D1A1ADEA
A??B3EAAB3A?B3ADE1AD3D?D3$DA
A??D3t$F3ED1AE1E!A!D1EDt$AA1DE1E1D1AAAA
A?A?FF3AAF3?D3DD13D?3DA
A??3B3AAH\$AD1%UUUUA1D111A1D13333A1D111A1D1A11D#C[]A\A]A^A_AWAVIAUATHUSHH8Lt$p
Ht$xAAvL$
L$(t$$l$)\$*@t$,\$+|$-\$.H\$/HlHHD E1MLLHHLD$D1IIutHL$HTHtH<L t$$L$(l$)@t$,T$*d$-
T$+T$.T$/A1ATHI9tIA<LcB2|(A|HL9cu
HD$xH8[]A\A]A^A_f.AAvAFANAFAFAvAFAWAVIAUATUSHH8APAHL$AT$$T$,L$ L$(l$)L$+t$-
H@t$*L$.T$/IH|$ M1E1H|$uxHt$H|LLA5T$ t$$LLT(t$)@t$,D$*D$+d$-
D$.D$/A1AHH9tBAHc2T4(AHH9aEuAH8[]A\A]A^A_T$
t$$AUAuAMAUAMAUAMAuAWAVAUATUSHH@LD$ HIAI@DD
EFDAYE)LL$(DIHD$8A\$HD$AFD$$DM~[D$H|$HtDDDl$8D$<L$|$8DT$<HIHbeHcHfLL$(D\$AADE)AA
YAAEiAAAYAAHH[]A\A]A^A_fDDHD @E1uHUD rHj UHE D1Hh@UL] ASIk E#t$Hl
I1#D$ AHwdLcIAfAHADALZADbISA[LZ@rISAsAHrADZHVfLbBIA A@A #t$$\$@D) AAD
\$IfH1fD1fDHDD1fDDI1D1fDI
IEHA DHIHIA DDl$|$(f.DTAt DD)ADA \$JHDhDD$
RIOAWAVAUATIUSHHH8EH$AE@HH7Ld$(L52bf.It-HDNLnxIcLLzLd$(LHD$
fIAmEuH4$LHIA1D1L$(DD$,t$(T$,DAL@s1S@ssc@{@sA1L;|$SuH|$$H8[]A\A]A^A_fDH~H1Ld$(@EuE}1H
4LDDLIDt(D|$,H4+L$DD$3L$(D3D$,HH^H`HcHDVHVHHDDfHHDFHHDVHHfVHHnHHfDHNE1D1HH
8[]A\A]A^A_E1AE DNLIE1DD DNLD$A1I
fD$DDNLI@D$1AD DNLID$1AID DN@D$1H4$A
LD1EL$(DD$,H?t$(T$,DDD$H@s1S@ssc@{@sA1HSH8[]A\A]A^A_LzLd$(LHD$f.IAmEu1H4LDDLHIl,
Dt$(L$3L$(DD$D3D$,KkDDCScD1SDSDA1L;|$LStH|$
HVAEDNLIAUATUSAEE@DOHE1HHHIjD IHEDDAA-sADELHLHHHH)A)LHLHHHH)A)MtID
uHE1HtDDFHAA
E9M[D]A\A]USHHDHt$Ht1H[]DHH[]HeWWWWWWWWWWWWWGfHe8uIO:u@O:u7O:u.O:u%O:uO:uO8D
1DHH9dH9dH9d~H9dtuH;dtlH;dtcH;dtZH;dtQH;dtHH;dt?H;dt6H;dt-H;dt$H;dtH;dtH9d@fUSL[GL
[MZ@AAA1AD1AA1D1D11%A11A1D1UUUU1D11111UUUU1A1A%AD IHIAD DA
DA D A?A?
< 0 AAA 8 DAD< D?AADAD0IH Af1 F M9Ft)ADA D @[]ffff.ATUISHt%HuLH[]A\DfHWFuHz1Hff.AUATUSHHHH
I@1HfDHcHED0;H9t_DD5AAAD~AAD A)HDIc3AD D UAD
0;H9uIH#LHIcILHHtLHH[]A\A]AVAUATUISHHHHHIU@1H#DEAHcD0L=HH9ttEAAAAAD~A@AD
A)D@Ic3AD D6@UAD
AH@0t=H9uAHIMcHLHKILLHL7LH,ILLHLL[HHH[]A\A]A^fDD0;@04;HEHPAWAVAUATIUSLHxA9EqH$

HLHt8A|$$D hHT$@A@LB
MAIIHt$hJ<H\$(LD$LIH|$ LH|$Au3t$LAUHI1Ht$D11L$hD$l+L$hD1KkCCD$l1CcSL9l$SuHTHt@H|$
H|$8H\$(HLDIL|$IMI2H5^JcHf.MGHRLD$8l$
H\$XLDtHDdAH<HT$HLIt=H|$PAHt$(Ht$hHt$0DDuD$1Ht$H|$0HHD1DhD
DeD1DlD3D$hA1D$3D$lDDkDAkSDkED1ECcSH9l$(CsHDHHt@EH|$PH|$8Ddl
HDt$H\$XLDHD$(1Ht$H|$0D\$@LD$
A1LDdh@1Dll6D3tlDlLD$
D3l$hD\$@HT$8D$L$IELE1E1IIwhH=P]Jc4HDI@rDIrAzDLVvIrEJDLV@~DIrAzDLVvEZkCcSKSCHx[]A\A]
A^A_fLl$|fDItAHD$hALl$(HD$0LDAIAIW LzR AwIWLBR APMx Aw
3L$A1Ht$D1|$lH|$h1L$hD3d$hL\$8DE#EACDAACEc3l$lDAAkAACACAkD@{@sKDSDKSCHx[]A\A]A^A_
AAA111M11@L11@1fL1HHHfD11HW(HtHzt
1Hzffffff.H(6HG(HxS6AWAVAAUATUSHH^(H{Hk(Lc HuMu<CH
P[AWd81H[]A\A]A^A_f.DIH{5HZH5ZL1
fE~H5Y1HLEtH5Y1ELLjtHSH5Y1ELNtHSH5Y1EL2tHS@HtH5Y1EL`HSHHtH5Y1EL;H{PDLH5oYL1A":E9H
CPH
T(tH
H5y1LH~KX9A)9uH5LAvL KXpHS`HtH5X1ELR{u)H5LW1DLSH5X1Lffffff.H(#H(6H(6H(Hw Ht%fDH
XHA}|351Hfff.USHHHHF(HpHG(Hx/.t1H[]fHE(HpHC(Hx.uHPQFH9SuHE(Hp@HC(Hx@-
fDAVAUIATUHSHHD$7HHAHpHPFH9EH}(HE(1CHx(HIHt$H(LA<8HELd$8
H1AVMIHL.XYt2H[]A\A]A^@AH
VAo3H|$H5VYHA717H1[]A\A]A^fDH
VAjo73DATUISH1H0H\$HL$(HT$Hu
H0[]A\@HL$(HT$ Ht$1R1|$tK1H
VArnE12L0H6H01[]A\f.HcT$H1&HHtHD$
1Ht$HPHT$HcHNFH9EtdIMj*HID$(tTHH9HtDL,/_HELH0H+6IfDH
UAjn1f.HH&NFH(H9Pt';ff.AVAUIATUHSHLf(HD$4HHAnHpHMFH9EL~wI|$ 1HIHt$H%LA%EA~BHELd$8
EMHHL!t)GfDAsH
SAm0H|$H5SIH141H[]A\A]A^f)fDSHLFHH9GHct'Ht'HKHH1[DHuH
/SAk/1[ATUISH1H0H\$HL$(HT$H
u
H0[]A\@HL$(HT$ Ht$1.|$tKH
RA>ilE11e/H#L-H01[]A\f.HD$ 1Ht$HPHT$HcHKFH9EIMHcT$H1g#HH1HHID$ t'Ho#HELH0~@H
QARml.%f.H
QAGhl1].I4H
iQALhl.f.USHHHHF(HpHG(Hx'tH1[]fHE(HpHC(Hx&uH
@JFH9KHE(HS(t"Hr Hx
&H[]fDHp@Hz@&uHS(HE(DAUATUSHH_(HLf(LnIl$Ht&H.Hu.uyH{x.HkIl$Ht*HM.H8.H{7.L;-
PIFHkAD$CH[]A\A]@H2HHs1H[]A\A]DHt$H<$2-H<$HHHt$HG(H1HH\f.Il$@Ht6Hi-tHX-tH\1HH\H{@G-
Hk@Il$HHt6H-tH-tH1HHH{H,H{PH5NHkHLHCPI|$PCXHIct$XHNi
HHCPAD$XCXffffff.AWAVAUATUSHH^(H{AHDH{(HMH5MH19H
MAWd*1H[]A\A]A^A_El$H5L11HEetH5L11EHKtHSH5L1EH/nHSH5L1EHNHS@HtH5L1EH)HSHHtH5nL1E
HH{PDHH5HLHE1A<AF9HCPH
+B0tH
H5gl1HITKXA9DA)D9uH5H[At$HAKXjfC2HS`HtH5K1EH{u)H5IH1DHrSH5K1HnDAWAVAUATUSHH^(H{
Hk tKHtFAIDH{"&HJH5gJL1D
DCH
,KAWd'1H[]A\A]A^A_fDEuH5J11LEtH5
J1EHLtHSH5I1ELocHSH5I1ELOCHS@HtH5I1EL*HSHHtH5I1ELH{PDLH5IL1A;:E9HCPH

m(tH
H5i1LHKX9A)9uH5
LVAuL9=KXpHS`HtH5H1EL{u)/H5Lp1DLSH5H1LAUATIUSHn&HHIlMl@Ht&H&~H&umH{&HkIl$Ht&H
&tuH&ud@H{&MHkufAD$CHH[]A\A]HX*HHH1#HH[]A\A]@H(*HHufDIl$@Ht2H%tH%tH)HHtH{@%Hk@
Il$HHt6H%tH%tH)HHCH{H%H{PH5KGHkHHCPI|$PCXHIct$XHG HHCPAD$XCXAWAVAUATUSHXt-
tHX[]A\A]A^A_fHHtwHuHHD$@1}HItHH\$
ZOHT$0E1E11HHI11H|$@H5GFHu]H1}HIGHOHH6Lt$@L|$8LLH1E1L H5EHeH
EAqrt"1DHL$ H|$(11 1 H;D$(E1ALJALL$HE1LJA?AH|$HHTJ@HT$8HHHHIH~U E1I
LJ9L(AHH1 HEBHHEHLjH}YuH}HEE1E LIH|$8H|%H|$8Hc%HCjHH
HItMAL1$IIHt$@HHD$@H|$@At1@IE(1Hx qHIHt$@HLAEHt$@H|$0D"HT$0HBHHHBHD$@ H|$
1H^ffHT$0Ht$(E1E11H
HL$(HLl$0MLt$@L|$8Ht$ LLH|$8 =HD$E1LH1E
H|$;H
4BAorBHD$8H88 =t+H
AApt1E1E1AL6GE1ILGHD$8H@8H@Ht$H1HPHT$HHcfHIdHrHII}] HHHH1x%H=E111HLEIuLHLaE1A
L$FHT- E1I
LEH|$@HE!H|$@Hc"HA@HH! HHDIALEL3H5?1E1AL8ETE1ILHD$HE |$ LDHHHD$8Hx(QLHD$ LD$
HHD$HHcT$Ht$H1AHI1HnH|$HHG 4HHqHDHTHH@0@HLe2LH11E1}HIHt$@DHHD$@ H|$ LH1E1U11H
>AhsHD$H
=Ams[fAUATUSHH~HH6H{=H<H5<H1#/H
S=AWd1H[]A\A]H5J<11AHtH5:<11AHtHSH5%<1AHtHSH5
<1AHxQHS@HtH5;1AHP)HSHHtH5;1AH(H{PHH5;HE1A[=AD$9HCPH
B tH
,H5[1HI}KXA9DA)D9uH5#HUHR;KXifC,HS`HtH5:1AH&{u)H5Hz1HSH5:1H|SHtt[@sHH[H>H[f.H
(FT@H(F@H
)\C4@H\C@AUATIUSIHHHHH1LHHMt
I<$%I$HEHCHEHC@HEHCHEHCHHE HtBH8H@HWHSPHC`SXHGH}
H59n^HE
H59rHBHH[]A\A]@H1@HhHGHW`HD$0HGHD$@HG@HD$8HGHHD$H1Ht3HOPHt*X~#HDHD
HL$|$HTHHH|$0HD$PHhAUATIUSHHHHt}H%HHIteI|$tI|$MIt$LdHt/LtI|$LAkx
ME1HHHD[]A\A]MI|$JuI|$oI|$]\ffff.HHt$DDu:t%H
G8A xz}D$H@H
8AuzGD$AVAUATUISH7HHHHKHI@HIH}@d
H}H
A$H}@1H@x`uA$HM@HUILLLcuA$ H}HHtLtA$@H}1H@
`xIH}@3H}"H}Hf1HH[]A\A]A^HuH}HMHU@IHuLttLH}u>A$@A$kfHA$@H}

H0HHHuL1H@L^A$fHHt$DDN @uru>t%H
C5A`vyyD$HH
5A^uy?D$fH
4A\yyD$dfDH
4AZsyD$0fDH
y4AXtyD$fDH
I4AVwyD$fDH
4ATxyOD$fDHHt$DDuru>t%H
3Az{D$HH
3A{{D$fH
Y3A|{D$dfDAVAUIATUISHtHHt)HHHItHu#1HH[]A\A]A^fDLL5MIvLHtLtLLxMIV@Ht/INILLmrL}u

MDUAWAVIAUATAUSAIH!HHt8HHtIHLLHHDDHt1HH[]A\A]A^A_H1)H`Ht
HH=YUCH=SCHHGxH@@HtAWAVAUATAUSIHH~HItrHLLHD$HItMH{*H{6A~uA=AH|$MfDH
4Ayj1L}L~H[]A\A]A^A_H
3AQejH|$
BtL1qH{HL$MMNZN1LS7H{Ic<{HHCdHHCH|$L~HLd.AWAVAUATUSHH@HTHDHv(DDH[]A\A]A^A
_f.IHILMpHItH$(H$ @D$)H@H3F1MHDpH$HH\$`HHHDxHDpHD$ht5$
H$$H$L$$Ht$`H|$HfXvLL$HLcH\$DHDPLt@Ht$XHLD$LHLLPLLHt$0HD$([LL$&|$@LDLTPHL$LH
t$0H|$(LLT$L)H)HL$8IH|$@LT$TDHDPHL$8LHt$0H|$(HD$L)H)HL$8IH||$@qD$DeHD$XHD$PHLD$8Ht
$0LH|$(HD$PH+D$I)\,|$@!|$DLt$PH51FLYD$HcD$
L|$ HD$(I$1LLqL)MH$(1LnHT$
HtLpA^HTAFLAFAHt$HptVL9mH$1LH(qt4HLHHt$(HXD$D$H|$HH5.L2mMO0fDHH8"HfHHHLMLL$AW
AVIAUATIUSHHHz
='0xHHHyHD{HIH{(XC0E1HT$LHPt$HCxHHK(LAVILCLHPZYLLfH,zH4xH[]A\A]A^A_HSHH{8H$H{(IxM
OH
y-Agf1oH
I-AfADH
-AffH
,Adfof.AWAVAUATUSHHH6='FvHI*Hk(E1HLc ME1C0xEHs@Hs11HpH
!,AgL9c tLHC(1H9tHL>vH[]A\A]A^A_DH@tlHs@Hquf.H
+AVgg1HH1E1.fDHu@KHIHH?HCxHHSLAVHMLCLPLZYueHSHH{8L"HIeHIBf.ADKLc Hk(fH{p
ffffff.HGx`fHBx`fAUATIUSHHHBxP~>H}hI)~6LcLHcK<,L1L5H[]A\A]H[]A\A]Hy+FH=I+FH9+FUSHHHHGx
H@(HtHHE HHkxHtHH[]HtGht ~DSHGxHHtH@(HtHLHSpH{;H%H{H{H{@H{HH{PH5({H{`H{
H{({HH5([fDUSH5(H,HHH%@h6$HH6HCx@0HC0trHA@HHHHCx@0HSpHC095tfHCxH@ Ht
Ht/HH[]D{HHHuHCxfDH
'AUFiH1HH[]AIH
k'&iDH
I'A/AiKf.H
'A6Ai_H5&H71@19fGhffff.Hp2Hp3HHHPHHfUSHHH@Hu.]DH}H[]fkHtHGHHtHG@HHtHGHf.AUATIUSHH
IHHHtqH{MuyHt4H{@#MHk@HCH[]A\A]Mt
H{LcH[]A\A]fD1HtH{u
HtDHLkz@1HtM_fDH{Lc`fDHcGff.wHtHG HHtHG(HfDHATUHSHtH ILc Ht
H{(Hk([]A\DHGff.HG@ff.HGff.HG(ff.HG ff.!w0f.G0!f. w0fff.HATAUH5#SHHPHt?H5#D`0HH HHtH[]A\H5#HH
#AAv1Ht3SHH?H5e##cHH5Q#$[NfDfDUSH5/#H*HHQHtpoEHH5#/oE@oE
@ oE0@0HE@HC@H} HHtHH[]H5"3HH
"A6Au1Hfff.USHHH5Y"AHS Ht.H}H5;"HH6H]H[]fDH
"ADAw/H1[]fDG0fff.w0HG8ff.Hw8fDHGff.HwfDHGff.HwfDHGff.HwfDHG ff.Hw
fDHG(ff.Hw(fDHG@ff.Hw@SHH=!HIH= HH= H,H= H-H= HH= HH= H1L
1HE1A[@1
LH[(MC [f.L
1!E1AH[c L
1E1A@LH[(T tOC$[fDL
1E1A@L
1E1AkH
Anx[fATUSHo(~JItkU[]A\T~zt:,uxHM@DHE8HfwSU
b~6HcHUXxDlFSIfDHEHHEP4fH}HH5-MLeH>HcHUPDHEXBsU0fD}UUB<M$1U w@HE@HbE
U$;H}8mLe8$fuUUE0HEPfffff.SH_(Ht6H{HH5IH{88mHH5K[[fffff.AWAVAUATUSHHGHHHWHH_(Lh(IHB(
S0Lx t!1H[]A\A]A^A_HDCLLLExHHEH[]A\A]A^A_fDH
Alp/H1[]A\A]A^A_fDHSXH]H{8RHH;U?LH5FLcLHItLLHHDLTh1H

LLDD@fDLHHEHUs@LKHLsPLC8LHuLLT$ZYLT$dHCXHETfff.AWAVAUATIUSHHo(]
t4H[]A\A]A^A_E$H8H<$&1HItH<$HH*E
MDu$HMHL$6HIjAHL$HjE5Hc4$HIcAUjE1jjE1jL&H0LLv7LH3HHLbHHL0fDEE1
HIt}UuLHL:LJaDKHL=ffL3L1f<$^H|fDLL@<$~?HAFfDHc4$AUIcjjE1jE1LH
TfHAH@USHHHH{HG(x$tFuFHtFHHH1HsHtHwt!H}(H[]@tHuH1[]fH
Akqoffff.SH5H5`vHt9H@@0HHC(H(HC@CH[H
iA6A}1[ATIUH5;SH5`H@HHHHC(C0H](EHHE@Il$(EECECECECHEHCE
 C ECE0C0H}8 HHC8tJH}HHE@HHC@t&HuPHf4r HHCHtHEPHCPHEXHCX[]A\[1]A\fH
AA6A}[1]A\ATUISHaH9Ht4HL1jHHHHj[]A\H
1Ae=[]A\SHHtCH=EvH=OFHCfH=OEHCVH{HC@tHtH{tH[f.H1@SzHHtCH=
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McEk&G4wMHG,HcMcMcMcMcHcMk&LMMHcLILIHL$(IIkMd&HcHL$IL|$HL|$0LLMMIHIIHHLMMLL|$0
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MM40IH4$MLLD$8LMMLIMLIHL$
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HHTHT(HH|$HH?HIHIH)HOQIHH)IIOyIHII)IO,tLLdXIHMI)IOZLLLHNgIM$H|$HNGMLL$IM0IHt$(H

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HC8H9E(EC(E,EC,oEfE0)C0oEfE@)C@H|$`s Cp)spK$foCP$StCH)Ktfo)$SLff)CPf~s
)[(C$){xCTfoD$`foK`ffoS)ffKS8)K`foD$pf)C)C|foocXokhf)fof)H[]A\A]A^A_@E(EC(E,EC,E0EC0E4EC4E8EC8
E<EC<E@EC@EDECDEHE CHELE$CLfAUHGATUSIHHHV8H8H9s H9oE(fE)oE8fE)CE EHLk(C
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stf~oc8fr+sLD$$))$)L$foS`s$sPf)Ss(sTs,oSXfS0)S0oShfS@)S@okxf)CPCt+CxoD$SpofCxD$+C|f))K`oD$C|f)H8[
]A\A]fDE(+EC(E,+EC,E0+EC0E4+EC4E8+EC8E<+EC<E@+EC@ED+ECDEH+E
CHEL+E$CLcF(FF,GFF0GFF4GFF8GFF<GFF@GFFDGDAUHGATUSIHHHV8H8H9s H9'oE(fE)oE8fE)CE
EHLk(C EELCHC8H9s
L9E(+EC(E,+EC,o}foE0f)C0foE@o}f)C@H{PLHIT$(LLHUxIt$xH{xmIT$PHuPH\o[(sp+sHfoSPC oc8fs
stfo+sLC$)frT$
f~)$D$$s$foS`sPs(foKfsTs,fr)S)L$oSXfS0)S0oShfS@)S@okxf)CPCt+CxoD$SpofCxD$+C|f))K`oD$C|f)H8[]A\A]
fDE(+EC(E,+EC,E0+EC0E4+EC4E8+EC8E<+EC<E@+EC@ED+ECDEH+E
CHEL+E$CLSF(FF,GFF0GFF4GFF8GFF<GFF@GFFDGDATU1Sf.HcHH=uHE1fDIHI>tANE)Bwt.DdAAHHuf)|
A)IDEA)JL
fHH9t:u[]A\DGWAWAVAUATUHHSH WH O%HD$GHH%HD$GHH WH HHGHt$HHG
H\$HHGHT$WHHH W
H WHIGAHLt$HIGAL|$HH H IGALT$HIAL\$DWGDg#W,O*DwDoIo$DO1HIw<I GHIIHIAAI G$IAHI G"I
G+IAHH W4H IG,AHIALD$DG0LDG1HII G/I G8IAAHHi,
HHHG9IHi-HH O7IHig H O9H%IHiSHH_(HI_)HL D'L LiHHiLIHi,
IHi-IHig Li,
L|$IHiSIHiHiHHHi-IHig IHiSIHiHiIHi-HHi,
HD$IHig IHiSIHiHiIIWIi,
HHWHH OHt$H Ii,
HHIi-HIig IIiSIIiMiIIi-MHIig
HIiSIIiMiIHMMMHHHIMIH)M)HLIHIMILHIH)IL)LD$IHM)MHMI)HIHMIHHM)H)IHIHI)I$Mi,
HLD$HHI)HHIHH)Ii-HIig HIiSHIiMiIIi-MMi,
LL$IIig HIiSHIiMiHMHi-Li,
L\$IHig IHiSHHiHiHHi-HHi,
H\$IHig IHiSIHiHiHIi-HIi,
Hl$HIig IIiSIIiMiIIi-LMi,
Ld$HIig
HIiSIIiMiII$MHHHI)HHIHH)IHIHI)HHHHH)HHIHH)IHIHI)HMHIHHH)IHIHI)IHHHI)HHHHH)IHIHI)LHI)Ii,
IIi-HIig
HIiSIIiMiILHMHHI)HHHHH)HHIHH)LHIHI)LHIHI)LHHHI)MIILIL)IILIL)IIMIL)MIMILM)HIHMI)AIIi,
IIi-HIig
HIiSIIiMiILHMHHI)HHD'HHH)HHIHH)LHIHI)LHIHI)LHHHI)HHHHH)HHHHH)HHIHH)LHGIHI)LHIHI)LIH
OHHA HHDgOHHHOH HHH@oOLH LH_OLH IO LHA LHD_
OLIHOKA LIHDO
OHHA HHDGOHHH
OH HH
WHHHH@wWLOH GLHGLIHGJ[A LIHDGLHA LHDWGLIH
Dw]GA\A]A^A_ffff.AWAVAUATUSHHHH$LoEUAMDE}
DM)$H(H
$H H MUoCHHD$(HD$`H0HD$8H E)$$H L DE@@$I(I EIH H EH(H }H0H EHH H UH(H EHH I EHH(L IHH!I3H!M
IE1LI!L$H3L$E1H ME1HH!E1H3H$E1H H$`HH!HH3H$H

1HHDXHH0HDHHDPHDHLpHDhLt$L|$
HHHLxHHHHHHDL0L$8HcH$L$@L$HLL`H\$HLhHpHxL$
H\$PHDlH\$HH$H\$XH$PH\$8H$H\$`H$H\$H$H\$ H$H\$(HLh@LL11tlHtHH!I1Ll$IHM1L\$
L1H!L$`H1L1MHt$@HL$I1H$hLLL$(H!H1I1LL\$
H$pH1H!H1I1LH1LL$(H$xH!I1H1Ld$0LdHLL1II!M1M1LdPLMM1I!M1M1LdHLtLt$`L$LL1H!I1L1Ld
XHLL1H!I1L1Ld$8H$M1L!Ld$8Ll$8I1L1IMH$MIM)L$Ll$IM)L$L,/Lt$I)L$L,*I)L$L,+I)L$MLt$@M)LD$L
$MIL+l$LLLl$ IM)LLl(IM)LLl0IM)LMLtML|$
LT$(L\$8LLHLd0HHLH@LLL$0L$8HHHPL$
H\$xLLHLL\L$L|$pLLLALLHLfoHHPHLfo0fof
fo$@HHfH)Lfo$fHHP)$`fo)$0ff@f)$p)$@LLH$foHH+$f$fo
ff)fH$)$LLHHHLLfo$H$Hfoff)$)$LLLl$h\$hH\$pL$
L$PLH&LLLLHLH$L:LLL,LHHLLLHHHuLHL LHf.HHuH$LHHAHHYfHHEAuHHHA
kHHAuLHLIA1LHHHAuLHHAcHHHHAuHHH2@HHuHLLLLjuH\$pLLHH|$xHHL$HIHHH
H$I@H3HH3HH3HH3HH3LNHMMM!I3DLHL!H3IHLHH0L!H3HHL!H3HHLHL!KLHKLHKLH KLH(KB
LH@sKLH
KLHK LHK
LH%KLH- KHHK
HH
KHHKHHKHH"KHH2H*K CHHCHHCHHCHHCHH/H'C
HHSCHHCHHCHHCHHCHHH,CIH[]A\A]A^A_)H`HH#UE1AE1E1E1E1oCH$0H$H$LE)$$H\$pHAHH
$H}HuH$HHH$@H$HDXLl01Lt$8L|$@HT$H$$LHHHD(HD$
HDHDHD$H\$xlhHLLLDH`LHcHL$0L$H|$8H$hHL$0H$LH@H|HpHLHLDPH|$
HxHLH$H|$@H$8HL$(HHHLHL$h1T$PLHL1H!I1I1L$0ML$I1LH!H1I1H$8LL$H1HH|$HH!I1H1HH$@
Ht$8L1L$H!I1H1H|$0H$HLLdpHH1H!H1H1HtHH|H`HH1H!H1H1Ht$
H$H|$H$hHH1H!H1H1Ht$(H$H|$@H$pHH1H!LH1H1LH$LH$xHLHHLLLLHLLLHHHHLLHHLLHLHzLHLl
LHH^HHSHLHLL=LLL/Ht$XHLLHHl$hL$hH\$xL$ L$PLHLLLLHLH$LLLLLHHLLLH|HHquLHL^
LHNf.HH9uH$LHHAHH
fHHAuHHHA
HHAuLHLA1LHHHAuLHHAcHHtHHiAuHHH2P@HHAuHLL)DLLuH\$xLLHHHHHHHH$
GAWAVAUATUSHHXLHLLHLIHHD$pLLLHLLLL$LLLLLt$hoHHLLHLNHHCuH\$pHl$hHHHFHH
fDHHuH\$hHTpH
HHHHHl$xfDHHuHl$hHt$x
HHfDHHuH\$pHl$hHHHHH1`HHUuH\$hHT$pHH[H|$xH.D($
D$$$,D$0D$4D$8D$<D$@D$dcfDMcIcEL\$McHt$8L\$G6HcHt$0IcEMcMcMcL\$
L|$(IcDk&LcMH|$HcCHcMcADHcMHcH|$@MHC<
G$HcHcG$`MILMcEk&MIMcMEk&ML|$(McLL$MMOL|$8LT$HMLMIMMILMIMMIMMILT$8MMcMLMIM
MLL$(LMMIMMIMLL$0MLd$PIMLMMILHMMMMMLt$O<L|$XILMMLMIMMLLG<LD$McLLIHl$0MIM
MMMILMMLd$ MMMMLLHOMLMILMIHl$LHMMILMMMLd$MLL$LIMILILHHMMIMLMLt$
MLLHHHt$@LIHD$HLl$H\$HD$(HLHH\$HHHHHHHHHT$8H)IIIHI)HIMHHHHt$PH)HT$IHHHHI)HJ4H|$LL
$ HLHtHHLXMIMLILHIHHMIIHHIHHD)MHIIE)LT$
IHHH%HHH)LEDTI)A)JbE)LELMIID)LlEDdA)l$dDE\$$D1fnLLfn\$TfnDDlfndfbDTHlhfbHt$xD
$@HHfl)$
fnDDtfnl$D|$fnLDLfnt$fbfbfofl)$0HHHHuHlpHthHHHHkHH`uHHtpH$aHX[]A\A]A^A_ffffff.DHcAW
AfDAVAUATU!SH
{A)HH AHAH)G$EHGLALG(GDHGpDO GG,G<)GP)G`t$fAo
fofnd$ffo_fpff)fAoBfff)GAj D1!D1E1o
AZ$D1!D1LL(_$E9E1A!E1D(EqLL0DW,fo_0E1fDo@A!E1LTPDw,fAo!ffDooPffoo`f)g0fEoADOpfEfDfED)G@
fAo:fAffA)PfAorfff)W`Ej E1A!E1DOtDopEb$E1A!E1LLx@DgtEo!t$fDfnt$fpfDfA)EoYfDfDfA)GEQ A1A!D1o

EY$A1EA!D1L_$EE1A!E1D(EQLE1A!E1LDw,Aofff)_0EoyfEfDfED)@Eo*fDfDfDD)oPAorfff)w`EJ
E1A!E1DopEJ$E1D!LA1Dgt@fEo!fDt$fnd$fpfDfA)fEoYfDfDfA)GEQ A1A!D1o
EY$A1EA!D1L_$EE1A!E1D_(EQL E1A!E1L@DW,fAofff)_0fEoAfEfDfED)@fAo>fAffDD)oPfAoVfff)w`EN
E1A!E1DOpEn$E1D!LhA1Dgt@EoefDt$fnd$fDpfEfDD)'Eo]fDfEfDD)_Eu A1A!D1o
E}$A1EA!D1L_$E}E1A!E1D_(EuLE1A!E1LDW,AoUffAf)W0EoEfEfEfED)G@Ao>fAfAfA)PAonffAf)o`En
E1A!E1DOpEn$E1D!LA1Dgt@fEoUfEt$fnd$fpfDfED)'fEoMfEfDfAofA)_Eu A1A!D1o
E}$A1EA!D1L_$E}E1A!E1D(EuE1A!E1LDw,fEo2fDfDfDD)w0fAoJL0fAffDD)G@fAofff)PfAoBfff)o`Ej
E1A!E1DopEJ$E1D!LXA1Dgt@EofEt$fnd$fDpfEfED)EoIfDfEfDD)OEQ A1A!D1o
EY$A1EA!D1L_$EE1A!E1D(EQLE1A!E1LDw,AofAfAfA)W0AoIfAfAfDD)G@AoffAf)PAorffAf)o`EJ
E1A!E1DopEJ$E1D!LA1Dgt@t$fnd$fpfAo!fAffDD)fAoYfAffA)_EQ fDoA1A!D1o
EY$A1EA!D1L_$ETfndE1fDpA!E1D_(EQLE1A!E1L
DW,fEofDfDfDD)_0fAoIfAffDD)G@fAofff)PfAoFfff)o`EN
E1A!E1DOpEn$E1D!LHD1wtAoefAfAfA)'Ao]fAfAfA)_Ee A1AA!A1Dg
Am$Lp1!1_$AmD1!A1D_(AmD1!A1HxHDW,oUfAfAfA)W0oMDD$fADoW(fDnl$fDfAfAfEp)O@fEofAffAf)G
PopffADoO8ffo/)w`H fA~l$E1D1E!!E1A1fooDOpH$)'fAoHGHl$f1!HH
ffAIHO D$1fofD1fA1HL$fffD1)_E!DD!D!D1D1A1fo\$D11o
fD!D!A1_$1D_(DW,fAf)W0foT$ffAf)O@fofAf)GPfofAf)G`DOpwtH
[]A\A]A^A_AWAV1AUATUSHfH(foL|$@foI?fo%Lf`fofhfoyfqffqfffofgfofhf`)\$P)L$@fo^foff`fhfofqffqffgf`fh)T
$`)L$pHBA)JH9uD$HExH$fLHDHE(HKxL|$(HD$ HEP)EHD$HE
)EIE,E<ETEdExELE(EtEPHHLHD(DLLkPLs(B8ILHHOHT$HHH|$ LLHT$H|$LH|$LHIAufoEHHE
L|$()$foEH$
HEH)$oE(H$HHEp$(oE8H$pH$$8HHD$(foEP)$PfoE`)$`HHT$H|$(6HD$(LLHH(HHL$0HD$(HT$LHxPH|$8Ht
$(HHT$H|$(HH|$0LLHT$H|$8LHt$(HAHT$H|$(HH|$0LLHT$H|$8L}Ht$(HHT$HH`H|$
LLPHT$H|$L>H|$LHE1+HCxL|$(HDDHD(DLLkPL{(B0ILHHHT$HHH|$
LLHT$H|$LH|$LHI@uL|$(@LH([]A\A]A^A_ff.AWAVIAUATMUSHIHHHLL$Ho
LL$@ Hny
HLCp
$_H$@?@$_~o
It$ H L$$y
LLHy
HLo
LLLLItPLsH$LLHHD$xIt$(L$LL`LHHDHH$H0Cn
HH gx
HL$H HRx
LLHDx
HLo
L1$$$D$$DDDDHHD$H $H $IHIIIHAIH HLlXD$AAAH $HHH $H $H%HD$0$HH%HD$@$HH $H
HHH|$HHI $I AIL|$PHI $I ILD$HT$`MILD$8D$@$ABBD$RHHH$EHH $FL D$JI$GIIAHL D$GH
$NHII$OAIHL D$ML D$OH%IALlDSMD$TIIM M D$WMD$VIL|$D$UIIM D$ZM ALlDWIMD$[AL|$
MD$\IIM M IMD$\AILl$(D$LlhDLlpDD$IIM Ll$hAMILMILlhDLIAMMLMDLtxMD$IIM D$M
ILIAMMLMILMDLIMIAMMLMILMMLMILDMIAMMMMILMMLMMLMLDMD$IIM D$M
ILIAMMMMIMMMLMMLMLt$0LMLt$LDLIAMMLMIMMMMMMLMLl$0LMLt$@LMDLIMD$IM
D$M Lt$ILMLl$MMILMMMMMMMLl$0LMLl$@LMLt$HLMLDD$IIM
LtLlpLAMLt$MMLl$LMMLMMMMLt$0MMLl$@LMLl$HLMLt$PLMDLtpLt$
LIAMLt$MMLt$LMLl$MMMLMLt$0MMLt$@MMLl$HLMLl$PLMLt$XLMLDIMD$IM D$M IMIAMLl$
MMLt$LMLt$MMLl$MMLl$0LMLt$@MMLt$HMMLl$PLMLl$XLMLt$`LHt$(H|$8MD$ILMMLd$(IHt$
HIHt$ILLl$MLLl$0Ll$IHt$@HIHt$HILLl$PMLLl$XLIHt$`HLLl$@HH$HIIH|$
IHH|LLd0IHl$8HL$(HH|$IHHt$IHHt$HHHH|$PIHH|$XIHHt$`HHHLIHHt$

IHHt$IHHL$H|$HIHHL$HHHt$PHHHt$XIHHL$`IHHt$PHT$8L\$(LT$8HLIHT$0HTLL(IHL$
IILL\$XHHT$HHHL$HHLHHHT$`IHJLLT$IHL$@HL$IHT$
HIIHT$HLLL$`HLIHLHHLLD$8Ld$(IHD$8Ll$(IHT$ LLdLDMHHHL$HHLIHLIIMHLHHT$
MLl$H|$(HILILMMIHT$8ILD$
MHLT$8ILL$IHILILILMIMIMMLd$(IMHHt$hHHIMHJ*IHIHL$LMMHML$J<L\$xH|$
HLM,HLH)LLHHt(H$MHIHH)IL\$8ML$H|$HHML$HI)L|$PMIHIHLTXLTpI)LD$`LIHH<HH$I)IILT$h
HHHI)HT$0L|$pLLIIL)Hl$0Hl$@LDLtHLIMIL)LTHlMIL)L|HDIHIHI)HLLLL
HIHH)IHL
HHHI)ILd$@HM$HLtPLdHMLl$I)Ld$xLd$8I$HIHI)Lt$8ILt$`Ld$PHIHLt$`ML\$hI)LLtXIHIHI)L\$XHL\$
pLt$hHM4HL\$0H)HH|$pH|$HI,HH)HHLHH|$H)IHHHI)IHMd
HLl$ I)LT$MIKLILl$@M)MIMIM)Li,
LLi-LLig LLiSMLiHiMHIi,
Mi-IIi-MMig HIig LHIiSHIiMiIIi,
MH|$pMiSLi,
Ll$XLMiMiLMLi-Mi,
LT$hLLig MLiSLLiHiLHIi-IIig HIiSIIiMiHLMi,
L|$`Ii-IIig IIiSHIiMiIILHIHI)IHL$IHI)IHHHHI)HIHHI)HHHH)H|$HLHI$H)IHHIHII)HLH)Mi-
HHHHHH)MHMig HIHH)IMMiSHHHI)MIi,
MiH$MiIMLi,
Hi-LL$8HHig IHiSIHiHiIIIi-Ii,
H|$PIIig HIiSIIiMiIIi-MMi,
LD$HHIig IIiSHIiMiIHi-MLi,
L\$xIHig HHiSIHiHiHHi-IHi,
HT$(IHig
IHiSHHiHiIHHHIHH)IHH,HI)IHHHHI)IHIHI)IHIHI)IHHHI)IHIHI)HI$HIHH)HHIHH)IHIHHI)I.LHII)LHH)Ii,
HIi-IIig
IIiSHIiMiIHHLIHH)HLHIHI)LHHHI)HHIHH)LHHHII)IMIL)MIMILM)HIHI)LHIHI)LHL4HI)LHHHI)HHHi,
HHi-IHig IHiSHHiHiIHHHIHH)LH@k
IHI)LHHHI)HHIHH)LHHHI)HHIHH)LHIHI)LHIHI)LHIHI)LHIHI)HHHLC!LHHHH LI)H@k"C#LHIC$JA
LIHD[%C&HHA HHDC'C(HHH C)LH LH@{*H$C+LIHC,HA HHHDK-C.LH LHS/C0LIH
C1JA LI
HDS4D{2C3LDk5HIC6LHA LHDk7C8LIHC9JA LIHDc:C;HHA HHDs<C=HHH
@s?C>oH$@nH$@@nH[]A\A]A^A_fff.DB?1AAWAVAUATUSHZ
HAH$QHAEH9Z0t1H[]A\A]A^A_)E9Z8u!Ef9Z<uE8Z>uAD:B/rAD:B.rAD:B-
rAD:B,rID:B+hID:B*NAD:B)8ID:B(wj"z'Xr^z&rR
z%crFz$r:z#\r.z"r"AD:B!wz HH$)SCD[DK H$IDSH$HHs
H CIIH KM IDCD{H$HI C{HIDcIMD[IfHH KH s
HHI KI sHI KHI I LDCHI KIIHHKL DCL D[HHIL L
HLMIIL)JH$HLM[LIHH)HIMHIHH)I$IO,MIIHHI)IIIHMHIHHLL)HI)HIIHIL$H%$H$I)HIH%H$HI)HHH%H$I
)H)ML$`$H$IHD$D$D$$$D$H$L$$Hl$xD$D$$$HHLL$fo$LL$$fo$)$$ffo$f$`)$$)$)$`fo$L$ff$p)$)$pLLLHLL
HL$HHHHHLLt$pH$LHHHD$hHH~HHHHLLLLRLHLdLH9HH.uH\$pHl$hHHH1HH
HHuH\$hHTpHHHHHHl$`fDHHuHl$hHt$`
HHHHHHuuH\$pHl$hHHHxHH1HHH5uH\$hHT$pHH;H|$`H$$$D$$DDDDDD\cfDMcIcEL\$McHt$0L\
$G6HcHt$(IcEMcMcMcL\$L|$ IcDk&LcMH<$HcCHcMcADHcMHcH|$8MHC<
G$HcHcG$`MILMcEk&MIMcMEk&ML|$
McL$MMOL|$0LT$@MLMIMMILMIMMIMMILT$0MMcMLMIMMLL$
LMMIMMIMLL$(MLd$HIMLMMILHMMMMMLt$O<L|$PILMMLMIMMLLG<L$McLLIHl$(MIMMMMILM
MLd$MMMMLLHOMLMILMIHl$LHMMILMMML$$MLL$LIMILILHHMMIMLMLt$MLLHHHt$8LIH$HLl$

H\HD
HLHH\$@HHHHHHHT$0H)IIIHI)HIMHHHHt$HH)HT$IHHHHI)HJ4H<$LL$HLHt$HHL$PMIMLILHIHHMII
HHIHHD)MHIIE)LT$IHHH%HHH)L$EDT$I)A)JbE)LELMIID)Ll$ED$$A)l$\DE$$1fn$$fn,$$fn$D,$fnfbDHl
$hfbHt$`D$HHfl)$fn$D4$fn$$D<fnD$fn,$fbfbfofl)$HHHHuH\$pL|$hHLHHHdHHYL$HLLcH$LLPHT$xLL
@LLH$LL"$+HfoL|$`f$)$$$L+fof$)$$dH5MA
sa$$LfoHf)$$$$fo$f$)$$H5@
`HLLH$H|$pH$$@$8t8f$$fof$)$f$)$HHHnxHV(H|fL$$$foLf$)$fo$f$)foff)$)$G
L H$7Q
H$L "Q
HHL
Q
LHG
HH|pHH LkxLcPH$H|$h$$HoHLt`Hk(f$)$$$I~xoo$f$$$+$)$fo$$$+fo)$$HfoH$Pf)$
fo$)$0fo$)$@fHfo$H$L$)$`Lfo$H$H$)$po$H$H$$o$H$$fo$)$fo$)$MLLHI(LHIPLLIxHHLLHLt$`L$'Lt$xLHM
~(LPLHLBLLLHPH<$,Lt$xMvxHHL$$HoLf)$$$$oof$$$+$)$$$+foofH$0)$fo$H$HD$`f)$Hfo$)$fo$
)HHD`H$HH|$xLHLHLH<$LLHHL$$HoLf)$
$@$$oof$$D$+$)0H$+$fo$o$fLH0)PfoHHD`f)$`Hfo$)$pfo$
)HHD`H$H@@H|$xLHpLHLbH<$LLSHHLE$$Ho$Lf$)$$$$o$o$f$$$+$)$$$+$fo$o$f$H$0)$fo$H$0 HD$`f)$
HXfo$)$ fo$)$ 4HHD$`H$HH|$xLHLHLH<$LLHHL$$HHo$Lf$)$` $ $$oof$$ $+$)$p $ $+$fo$o$f$ H$0)$ fo$H$
HD$`f)$ Hfo$)$ fo$ )$ HHD$`H$HpH|$xLHLHLH<$LLHHLu$$HoLf)$
$
$$oof$$$
$+$)$
$(
$+$fo$o$f$,
H$0)$0
fo$H$p
HD$`f)$@
Hfo$)$P
fo$
)$`
dHHD$`H$H H|$xLH8LHL*H<$LLHHL
$$HxoLf)$
$
$$oof$$
$+$)$
$
$+$fo$o$f$
H$0)$
fo$H$HD$`f)$
H8fo$)$
fo$
)$}HHD$`H$HH|$xLH}LHL}H<$LLL$}HHL}$$Ho$Lf$)$@$`$$oof$$d$+$)Ph$+$fo$o$flH0)pfoH$H
D$`f)$Hfo$)$fo$)$|fH$
$($,HT$pAELAE<)$$T)$AEdAEt$PHL$h<uHH<LctIl$LsxL{PHHlHlxL)HD$HC(H$oHD$hB<
LHL{H4$I}(L{I}PLL{HD$H|$H9IHHD$LHHD$pB< ~LHH;{H4$H}(L+{H}PLL{H$H}xH{HD$pHHB
HHHHT$`HD$hB< LHHzH4$H}(LzH}PLLzH$H}xHzHD$hH=D1HB
HHHH)HH@H\$pIuPHLt$hHLL*zHH\$`Iu(HzHH\$xHwH$Lw$`H$

H0$PLHHyH4$H}(LyHMPLLHHL$(yLExH$HLLD$ ryHD$pH|$`Hfo$B fofo$foNfofofDfo)$
foHNHfo$Hf)$0fofHT(NLNfHD$f)$Pf)$@)$`xH<$HT$`HT$HxH|$`HDLD
HtxLLgxH|$`HD$HL$(HTPHHHx$@$
fo$`$$$D+$fo$PfofDo$@+$fo$pADNfDo$fDo$$fo$fEfAofDo$DpDNNfDoANfEfDoo$(f)$PfDfDfrff$)$`o$$$o$8
fDo$ HfrfDo$0fArfD$o$fArD)$
fDD)$0D)$@D)$pD)$)f)$LHHvH4$H}(L~vH}PLLovHMxH$HHHL$WvHD$hHLfo$B fofo$foNfo$fo$fDfo)$
foHNIfo$II)H,f)$0foIfNJT (Nff)$Pf)$@)$`~uH7,H<$IHguH ,HL$LJt PHKufo$$0o$hfrfDofo$
fDo$4o$xfrfDo+oDN+oHfrfDofoo$(fDDfoo$$$D)$
frfDo$foDNo$X$fDNNP$fo$f$$)$`fAoD)$0fDoff)$PfDDP)$pfAoD)$@o$$f)fofA)f)$AVAUATUSHH
HpHLIHK>
HL?@cItPLH|$0LLsIt$(H|$`Ls$Dl$`Dd$dD\$hDTlDLpDD$t|$xt$|$BDDDDDDD4BpDAAE%EAAcEEAA
EEAAEEAAEEAADCDAADAADAADAADkF,D CDCDACBA DDcCDA
CDA DD[C
DACDA DDSC
DA
DKCDAcC?A DCCC @{HC
C @st$TCC KL$0C
CFD$4D$8D$<D$@DDDHDLDP@1SFHp[]A\A]A^SHWH=&H F[fAUATUSHHXoIHLHl$
)$$$oFL)DD@D$$$ fo$$2o$fo)D$@$$Ht$Pf)D$ fT$p<))L$P|DLDtfo$o$fof)D$`f)d$0LHH
oHHlL bEHX[]A\A]AWAVLZAUATE1USE1H0oHlLdoN H\$foR f~)D$offA~o^DobH\$Z
)D$H\$\$oF0f)D$H\$\$oB0H\$\$ff~)D$H\$1H\$\$IH\$\$
H\$\$$HH\$HD$DzFDMDz$MFDLD$LFDMLADzFDMDz(MFDLD$LFDMLADzFDMDz,MFDLD$LFDMLAT
DzFDMDz0MFDLD$LFDMLADzFDMDz4MFDLD$LFDMLADzFDMDz8MFLLL$LFLMLA ZDE1HD$LKDF
DJ<HH)MIK0LIAHAIFAHAIFD IIBDBL DHDHLFLL$EjMLLMErM L)ENDt$IEK
I)CLLN<IHAEEKNIGLI)IEKIN8IHEKNIGLI)L$IEK(IN4IHEKNIGLI)L$IEK,IN0IHEKNIGLI)L$IEK0IN,IHr
EKNIGLI)L$IEK4IN(IHM=DJNIDJ<I)MHL$IN$IHDL)IAE1HG DHMHO$%G DI%DGH0[]A\A]A^A_ffffff.FDF
HHLIILDN$MILMAHIDA%DWMG$FIDN(HLLMAHIDA%DWMG(FIDN,HLLMAHIDA%DWMG,FIDN0HLL
MAAHAIDI%DWMG0FDN4HLLMAHIDA%IDWG4FMDN8HLLMAHADWID%IG8Fv<HHLLHwHHLw<Hw
G$HHGHHJ1AAUATAUSEkD@D`DPJ1fwHHHftHIcHD1AEAE!EtE)ED@AAHMcHL)fuHuAE)t$C"HDDAHH
HPD9u[AD$]A\A]fff.AWAVIAUATUSHo@HHLfoG@Ld$`Ll$
T$f)D$`D$`D$dfoGPD$hD$lfG)D$pfoG`DpDtfG)$foGpfG0)$D$x$$$fo
n$$)fpo$$ffp$$$$frffpD$|ot$l)fpo|$|ffpfrffpfp)$fpD$pfrfffp)D$pthTlTlTdD$`t$h%LLD$`T$dL4foIv@L
HfC@)D$`foCfCP)D$pfoC fC`)$foC0fCp)$IHLfDoD$
foc@fAofo|$0ffAfo[Pfot$@)$fo)d$`ff)$fo)\$pfoS`D$`D$dfol$PffD$hD$lfDo)$)$foCpD$pD$tfDfD$xD$|D)$)$$$f
o$$$$$$T$h$$fp$o$f$t$lfpo|$lfrffpot$|tltd)fpfpffrffpfp)fpDpfrfffp)DpThD$`fo%fofof)C@t$dC@CDD$`f
oCHfCCLfo)CPfoCPfC
)C`foCTfC0CXC\)CpC`CpCtCxCHC|%ClfpCps|CdChSLfs`oslfpo{\frffpfposLSLSD)CpfpC`frfCHffpkPfpf)C`fpfrff
p)CPC@f#f[fS0)d$
%LfoCHC@SDHf)\$@)D$0)T$PHH$LHHLHL$uHLLH[]A\A]A^A_@AWAVIAUATUSHo@HHLfoG@Ld$`Ll
$ T$f)D$`D$`D$dfoGPD$hD$lfG)D$pfoG`DpDtfG)$foGpfG0)$D$x$$$fo
$$)fpo$$ffp$$$$frffpD$|ot$l)fpo|$|ffpfrffpfp)$fpD$pfrfffp)D$pthTlTlTdD$`t$h%LIv@D$`T$dLfoLLHf
C@)D$`foCfCP)D$pfoC
fC`)$foC0fCp)$DIHL2fDoD$
foc@fAofo|$0ffAfo[Pfot$@)$fo)d$`ff)$fo)\$pfoS`D$`D$dfol$PffD$hD$lfDo)$)$foCpD$pD$tfDfD$xD$|D)$)$$$f
o$$$$$$T$h$$fp$o$f$t$lfpo|$lfrffpot$|tltd)fpfpffrffpfp)fpDpfrfffp)DpThD$`fo%fot$dD$`foff#)C@)d$
foCD$ D$$foff[D$(D$,)CP)\$0foC fok0ffS
)C`)T$@foffC0)kp)D$PD$0D$PDTDXD$\D$L|$\D$@D$DfpD$Pol$Lf|$@D$HfpD$<D$4frffp)D$PfpD$@D$
8fot$<fpfrffp)D$@o|$,T$(t$,fpT$0fpffrt$,t$$ffpD$ T$()D$0%HHt$$LD$

0HH$LHHLHL$uHLLH[]A\A]A^A_@AVAUATUHSHLHHLtbHu@LVfo$HEPfD$)$L9fo$fD$
)fofD$0)$fofD@)$vHH9IfoE@fE)foEPfE)foE`fE
)foEpfE0)Ll$PLLfoD$PHf$)D$PD$P/D$T/foD$`D$X/D$\/f$)D$`foD$pD$`/D$d/fDh/D$l/)D$pfo$D$p/Dt/f)$
D$x/$/fo
$/$/$/D$|/LXT$\fp$ol$|t$pffpfrffpot$l)$fpD$pfpffro|$\T$\T$Tffpfp)D$pfpD$`frfD$PL$Xffp%T$TD$P)D$`foD$
f$)foD$ f$)foD$0f$)foD$@f$)ofpoffp)$frffpo)fpfp%HffrH$ffpfp)fpfrfffp)fo#Hfo[frfoS frfoC0fr)frf)f)d$)\$
)f)f)T$0)D$@D$?D$?D$?D$?D$
?D$$?D$(?D$,?D$0?D$@?fo$D$D?D$H?D$L?D$<?t$LT$D$4?D$8?fpD$@ol$<ft$0L$fpo|$frffpot$,L$L$)D$@f
pD$0fpffrffpT$
fpf)D$0fpfrffp)D$ TD%LLDL+HLLH{@HL
HLLH[]A\A]A^@EE@EEDEEHEELEEPEETEEXEE\E
E`E$EdE(EhE,ElE0EpE4EtE8ExE<E|6;ff.ATUISHHw@HHHHHs@H\$@LHHHPHH[]A\fDAWAVHO@AUATI
USMMHHHHl$H\$PHL$H{LLHmHHPLHAHL$HL$HHHHJLHHLH5LLJLHLHHLHHOH5LA!OHD![H]A\A
]A^A_fAWAVAAUATUSHHxH\$0Ht$ HHHH\$(e\HHH$BeHD$pHDLl
AE~GDDtE1AOAwEOAHD0HHHHD0HDH DHT0H HD0HH4 AwDDHD0HH AHA1LAfD1HHH~H@Ho
HHH!HH?fnf`fafpffoPff$)$o`ff$)$opff$)$oJff$)$oJff$)$oJff$)$oJff$)$
oJff$0)$0oJff$@)$@oJff$P)$PozH9ff$`)$`fofDoHH5fDo$D$H|$fDo$fAofn4$fAfDo$fpfDo$fAfDo$ffAofo$fAofo
fo$ fAoffffff)$fAofDfDfffAffD)4$)$)$)$)$
D)$D)$D)$yFEfo$@fo$ffo4$ffo$Pffo$ffo$0ffo$`ffoL$pfo$ff)$@ff)$Pff)$0)$`|$HK@Lu@HHLH$GH$HHHEHH
Lfo-fom))fo-
wfo5))AAZIArDt$At5HH=DAHH1|$!*H!H|$(8!Hx[]A\A]A^A_f.AWAVLw@AUATIUS1LLHhHF0MoLL$
HD$PF8)D$ LL$AoFAD$XE)D$0oF
L)D$@HHLDt$XH$IHH5LLDLH6H5/HHCH5~HHCHLLDLHIAVA!HLD!!H$
T$LLVCDAH5~HD!Ld$`L1L$dCfn\$H$LfAofpHHL$fo$ ffffAoWA)fo$0ffffAoW A)Ofo$@ffffAoW0A)O
fo$PfffA)G0fo}A)fo}A)fo}A)fo}A)L4$LLHt$LHDL4LLLHDHL_HLL1BHT$LH!BLL6LLLHDHLLALLL\LH
LNH<$HH?HLH1L@tL@gH|$@XH@KLL$9L9D$Hh[]A\A]A^A_AWAV1AUATUSHxH$(H$0H$
H$cEfo%K|H$D$1)$H|Hpfo%,|H|Hp)$H|$pH$fo%|)$fo%|)fo0)fo@)foPfog{foo{fo
w{fo{)$)$p)$)$)$)$0)$@)$P)$`fo$`)$ H|$ H$H|$xH$0H$|H
OHcN$p1$$A$A1A!D1D1$$$t$$pAA1DA$!1A1$$tAxDDAA|A1$D!AA1A1A1D$DADA$!D|$XA1A1D$
xAADt$\A1D$|DDA!D$A1A1DT$`DADD$A$$$D$A1DA$!AEA1A1A$1DD$dD$$!AD$A11D$A1D$ADA
$!D\$hD$1A1$A1$$DA$!D$D$A1A1D1DL$lD$!D$D$A11$D$$$A1EA!E1D1D$$$D$$D$$$ED$A1DA$
!A1A1D1$$!DD1A1D$$$
$D$1!11$$$$($1A$!1A1$,AD$D$(A$0$A1A!E1D1AA1$$,DDD!E11t$($$0$4A1A$8DED$!A1A1DDd$,E1A$
<!DD4A1A1DD8DDd0D1!A11DL$4D$$$<$@EA1DED$!1A1$$@DDEDDd$81A$H!A1A1D1DT$<D
$!D$DA11DL$@D$$$H$LEA1DE!1A1DT$D$D$$L$PDED$1!1A1D$$PTDlH1A$X!A1A1D$DTADD1$\!
A1A1DDXD$DDD$1!11D$$\E$`D$t$L1!1A1D$$`$dDl$P1$h!A11Dd$TD$$$dD1!A11$$hD$$lt$(D1!$1A1$$l
t0tXpD$,$xt$4t$\$tDD|t$8t$`CAC2E)Et<tdE)Et@thtHtlDLD$+|$DD+TLDDPDD$T
$A,$$D$+D$(TXD(L$\+t$,+T$0L$`+D$4t$,thT0L$d+T$8+t$@+L$<A+\$TD)ED+\$PE)EAAED+|$HED|$lG
=AAEAAD$DEAA$$DEAA$DAEEAAA\$(EEAADDEADADD$EAAD$DD|$0D$$D$$t$,%$A+$$DA$D$$
A$$D+DDD$+$+$AA+$\$(A+t,+DD$D$$ED$EA+$D+D+EDD+$D+$A+DD0EDDD+$ED+$E
AAED+$GAAEEAD$AAAD$DAED$E$\$0AEAAD$AAAED$EAAED$AAEAAADAADDD$$$$%t,\$(H|p
Ht$$DAH\$EDHHt$
H|$xHfo$H\$fo$f$@fo$
fPfof$`f$0)$)$)$)$$pD$|D$DDtD+AADD$+$$x+EADAD+$+$t$,A+$+$AD+$DDD0D$EED+$D+$E
D$D+$AD$+$
AD$+$$ED$D+$(ED+$,DAD$(D$AEAA+$EED$(D$lAAAAED$hAAD$dDAED$\EA$`\$0EAADXAHA%EA
AD$TAAAAEADA$PDLDADt$,DAEDH\$AEAt$(DAEA$8DE40DHHH@4<D$0H$HHIH|$xHfo$fo$f$f
o$f$fo$f$ f$p)$)$)$)$HL|$LtHt$

LgH|$pLHL|$H\$$DDDDADAD$+$|D+$p+$ED+DA+AADD$0D$D+$+$tAD+AAD+$+$xED$D+
t,AD$ED+$+EDD+$DAAD+$D$(D$AEAA+EED(D$AAED$AAD$DAAEA$D$E\$0AAEAD$AAA%EA
D$AAAAEADA$DDAt,AED$DAEEAL|$t$(DAA$D$E42D$LDLt$
$L7H|$LLfofoffoffopf$f$)$)$p)$)$l$$|foHDH$0fnl$fofo$pHfpfffffo$)$p)$fofo$fffffo$)$)$fofo$fffffo$
)$)$fofo$fffffo$)$fo)$
fo$0fffffo$)$)$0fo$@fofffffo$P)$)$@fofo$fffffo$`)$)$Pfofo$ffff)$L|$)$`LHH.HHLHHfo$0LL$Hl$p)$HLfo$@)$f
o$P)$fo$`)$LH$('H5(cL-L@H@L@H|$x@xH$@fH|$@WH|$
@HHx[]A\A]A^A_|LDffDAWAVAUATUSHfoLLdH|HL$P)$Mw@LH$foF)$foF
)$foF0)$foF@)$foFP)$foF`)$foFp)$fo)$fo)$
fo)$0fo)$@fo)$Pfo)$`fo)$pfoL)$/LH$HLL6(LLt$PLH#(HLLLL%LHH%ILLLH'HHH%LHLLHLHLHL@H$HH
H$cH4$L7+H<$LKH4$HLfo$PHLH)$fo$`)$fo$p)$fo$)$:HLL,HL$LHA8H$#HWH%L@A8>L@1H@$H@LH
[]A\A]A^A_ffff.AUATIUSHfoHHLd@H)$foF)$foF)$foF0)$foF@)$foFP)$foF`)$foFp)$fo)$fo)$fo)$
fo)$0fo)$@fo)$Pfo)$`foH)$p>HL)LH(HHLjfoD$@Hk@LH)$@HLfoD$P)$PfoD$`)$`foD$p)$pLHHL!H2H[]A\A]
@ATU8SHHHF0oH\$@L$)$HD$0H8HoFD$7$$)D$oF H)D$
9HHV=HDHLH0LHLH[]A\fAWAVAUATIUSHHHH$L$
HHHHIl$@HH$LHL^!I~@HLI#I$HT1cH5\\HHH$!ILtxILH:#H$LIHM|$@M$'LLH
H}@LL"Hl$HLHT1H5[HH Hl$Ld$ ILLHH"H$LLHHD$fo$1Lt$xH|$)Lfo)fo)fo)$)ILHT$ Ht$
I@LMM"LT1LH5ZLLILLML$!Ll$
H$IH|$HMu@Hfo$1Ht$L)fo)fo)fo)$:LLLI@LLM&!IT1LH5YLLIHHI M9&H|$
H$@H|$A$JHC@D$HD$8HA9HD$$L{@LHH@HHHDHHj@IHP
HLHHHLD]foXDdD`)foX)foX)foX),$HHD$(H$HD$@$f.9L$4e,$$HcD$dHc|$`HDpH|$h9D$\9|$4 D$XH|$
HHt$8H|$@foHtH|fof$ fo$f$0fo$f$@f$)$)$)$0)$@foSfoK
fSPfoC0fK`fofCpf[@))))U$D$$DDD$/+$A/DA/DA/D$+$+$
+$(A/AA/$D+$,D+$4A/D+$</+$DDPDD$H/A/D$+$@+$E/D$D+$DtLA/DE/D$+$$D+$HA/D+$8E/D+$LD
DAD0A/EA+$0AEED$0ADEADAAED$EAAD$DAAD$EAAEAD$A%AAEDTPDEAAEADAADAEA$
AtLDLHDD$$$D$$%$D%D$0$$+A+DH+tLDDDAD+$
AADD+$ED+$,D$A+$$+$(ED$D+$4AD+$8DDPDAD+$<AD$+$@ED$D+DEDD+$HED+$LDDD0A
E+$0D$0AAEEAAADEDAAEDEAADDAADEAAED\$PDA%AEADEAAEADAAAAEDDAt$LADDL$HHt$(H
D%D%D$0TDK k4KDS(sD<CG DK$D+ D\$PD\-k8D4CD+foSC< KGD,CD+foK
A?frDK,DS0A?D$D+CfoC0A?frl$TDt$0fofrA?k<Dl$Hfr)EE)))Dd$L+Dd$TDt$P?+D+D+D+D++++?A?+AA?l$P
DA?l$PAD+A?????AD+$DAA?ADG5?DAADEAAEAD$EAAAED$AAEAAD$EDAA$DDDLtHE$%$D$L
$0H$DAD%$DAHT$AAEDLt@D$LjL|$H|$(LLUHT$H|$8LCD$XuHTHtH|$'$9L$\:9L$4HD$p1@!Ht$(H
|$LcILd$xIfoLH)fo$
)fo$0)fo$@)CDd9L$4HD$hHDHHHH4@HH,D`$_H$cH$hQH|$xBH[]A\A]A^A_HLxL{@Lt$HLHL,Me
@LL}LLL/MHLLLLHxLLLjHLDdD`5fDHHH4@HHHt(H|$LcILd$xIfoLH)fo$
)fo$0)fo$@)HYDfo)fo@)Cfo@)C
fo@0)C0fo@@)C@fo@P)CPfo@`)C`fo@p)Cpfo)fo)fo)fo)fo)fo)fo)fo)fDHLxL{@Lt$HLHL,Me@LLeLLLMH
LLnLLH`LLLRHL$HHH4@HDHH0D$dD$`D$XxHHHHHHAWAVEAUATIUSHHL$HTHLLL$$0LPtH[]A\A]
A^A_fH$LHHD$
u.HHD$(`E\$qD$p_H|$(1H@8H|$(H5AH|$(H\$pHHt$H|$(AH|$(9LH|$(9HHTHtH|$(uH|$(rH+twH|$(Hl$0HrH
Hh$HrkH5DHHIu9H98$HLHLHt$
LZDH|$(1Dffffff.ATUISHH1Ht4B^1HHt9HHuHu1[]A\fD8LH(tHLDAUATIUSHHH1Ht4]1HH,t9HHuH1H[]A\A]
@Hl$@9HHtHHL$9HHd$@D$xL$w"HHR&HHG&HDHLH0LLHo"Lw9HzFAWAVMAUATIUSHEH8H<HT
fH1HH$
$()$)$)$tsHItVY\1HLt89HLtH0rLHLu2Lh1H$[$H8[]A\A]A^A_L>H|$09H$0ghH|$?!H$xw4$xEAD$$~[1HH
urHSH5HtH$HHHD$tHxHpHgtHu99HRtLLH@krHkrHHHD$prHHIHD$(&
rH)LL|$L#LL#HWDLHH0H$HHHD$ HLxD0$1Z1HHH5iHLHH4H$xH$pHHt$
9HHt$9HpLLHZrHHBLt$rHLHrLl$LLLHl$(LLHBL<$rLHt$ 9LL

LRHJLBf.HAQAPAA@HfS8D\$L@rHHtA8\9v1[DEED\$[DHEIAP@AHfffff.HIHt$AQLE1ILHHfffff.HEHIAQ
HHMLE1HHff.HHHHHHHHEHHHfHWHfpO0D_<fo^@wDGog,fADOD_ fpAADAWfrffpooAVf~AU)O0fpO
ATfpAfUS%AfrLfIfpAIOow-)O f~MfpOII1fp%fHHfrJffpHHfA~)GNwMIM0wMIM0wMIM0LHHO$III
HL$IO(II
HL$IO,IIHL$HHHT$IW4IDo<IHT$HHW8HIIO=MIEAADAHIHHHALIAAHIHAAHAHD7HDgLoAH_LAAD_
ADWIIILAAADOIIIALAADGIJ>ILw
HHD$H%HHw$HHD$H%HHw(HHD$H%HHw,HHD$H%HHw0HHD$H[%HAHHw4HHLHHH%O8]G<A\A]A
^A_fffff.SHH@foH)$foF)D$foF
)D$ foF0)D$0LC8H111Dw3w.H4HH GHL9uH@[HHI9uH@[HHfo)$foG)D$foG)D$
foG0H)D0HHHNHGH9AH9AHJH9H9rfof)foFfB)GfoF fB)G foF0fB0)G0G<GGGGGGGG
G$G(G,G0G4G8w<fpO0fo:fpGfog,w WfpOowffrffpoo)O0fpO OfpfOfrffp)O
fpW%frffpO)GfD+F+BGF+BGF+BGF+BGF+BGF+BGF +B G
F$+B$G$F(+B(G(F,+B,G,F0+B0G0F4+B4G4F8+B8G8F<+B<G<1fDHNHGH9AH9AHJH9H9fof)foFfB)GfoF fB
)G foF0fB0)G0w<fpO0fpGfo8w Wog,fOffpoofrffpfpowOO)O0frfpO fWffp%)O
fpOfrffp)GDBFGBFGBFGBFGBFGBFGBFGB F G
BFG$B(F(G(B,F,G,B0F0G0B4F4G4B8F8G8B<F<G<@SHHH@HHH$H@[@AWAVE1AUATE1US11AHA7
H4$1T$7L-tfDH$EA)II9DAt)HDH AA7HAuH@!HH HHIt@%AHIBIM)G\I 7oHAHHIu@G<ID$M)I u
AD$AHA!!D!![]A\A]A^A_fSHHH@HHZHRfofDfD$
fD$0H@[fofsffofsff~f~!AWAVIAUATAUSHLlPLH|HH\$LLLL!LLLLLLLLHHLLLHHL~LHsHLhLLHHL
OLH=HL2AuLHLnLHA
HLLOLHHHfHHHHAuHLLALHDHHHHAuHLLALHeDHHUHHJAuHLLA7LH%DHHHH
AuHLLFLHAoHLL'LH@HHHHAuHLLLLLLHHD$H5HfoD$P)foD$`)@foD$p)@
fo$)@0H[]A\A]A^A_AWAVE1AUATE1USE1MLHPHHtHHHHHBHHHHBHHBHHB
H$HB(H$HB0H$HH8H$HD$@H0H$HlHDL\$HDHLdHDHDLHDHH$H|$HHl$E1L|$HHDHTIIH$I
1LLHHDHTIH$MIIH$E1HMH\$HDHTIH$I1HHD$LHTHDLDH$IDL|$H|LHDHHHHHH1Hl
HD HL\$(HD$0HD$HT$HHHE1H$IHDHIHDXx#ILIHD$HUrl!HT$1HIHDHT
HHHH6INH1IHD$(LL$8HT$0HD$@HDPHLXHD$`Lt$hHH#|HD$pHIH$IH1HD$8HT$@HHHIIH1IHIHT
HHDHHTPLLHH1LLXLT`HH$HH?LL1H$IHLHDhHTpHHHH1H1HTxHLxH$HHIH$HDHDH;$
Hl$H
Tm=1~D$L\$DHLdL$fI~)$LHHDXx#HI)1H$~D$H$H?MHHp:r=fI~HHHHHp)Q$;1IIHI?MHUrl!)$IIHI1MMH
$
~$$I?I5IIHIfH~1MI?L)$(LL$0HHE1HDHHTH?IHIII1LL$LLLT$H?HHHHHHIDXx#LIH\$1M!1HLLHHM
HH?LE1HLIHL!1HHH{LH1H6INH?HHL!1HHHIBH1HHH#|H?LMHL!1HHHHt$IBH1H?HHt$HE1LLIB
HD$H1HH?HHIH?IMZ(LHL!HHIJ0HP[]A\A]A^A_DSHHHH[@AVAUHATSE1LL1LL)LM)E1LLNHH?LLILE
1L)HGL^LIIE1I?HDHTMLYME1M)LOL^MLiME1I?MME1M)L_L\$ML^ MMLd$I?E1MLY ME1M)Lo
L^(MLlMLtE1I?MLY(LME1LL)HG(L^0LHIE1H?HTHDMLY0IMLE1LHUrl!L)MHT$LHDXx#H!Ll$E1E1I
HL$MIE1MI?LML\$MH!1HH6INLLl$LHGE1HH?LLL$LH!E1HH#|LHGE1HH?LLl$LH!E1HH?LHGE1HH?LL
E1HLHG E1HH?LLHLHG(HLH!H[HG0A\A]A^@AWAVHAUATE1USHLL1H
Tm=OLLLLYLLNHE11E1MMILOLYIHFE1E11LLLHGLiLL^E1E1E1HT$L|$L|$MMLt$MLwLi
ML^ LtMLtE1E1E1L|$MML\$Ld$E1E1L\$L_ Ld$Ln(LY(Ld$E1L|$MMMLt$ML|$E1Ll$E1Lw(Li0H
Tm=L^0Lt$E1L|$L|$MIML\$Ld$L\$Ld$E1LLLHt$HH?ILI1LIp:r=LLILHL$E1HH\$Ip)Q$;H?IIIML\$ME1LL$L
LH\$H?LA5LIIIE1Lt$LLLl$H?LLL$LHHUrl!HHD$E1HHT$H?LILHHIHI1HDXx#MI?LLLILE1HDHHTMH!
1IIIH1HHD$MI?MMIIH!1HHL$LLHG1HH?HH6INHH!E1HH#|LHO1HH?LHH!E1HHD$LHO1HH?HHD$HE1
HLHO 1HH?LHHLHO(HHH?H!H[HO0]A\A]A^A_f.AVAUISH_8E1E11I7Nv-I7w AHIHI HvMII9uHI
Tm=1IHOIILLOLE1HH?LIp:r=LLIL1LOHH?HHp)Q$;HHHHE1HO0HH?LA5LLIHLHG
H1LO(HH?HHHHHE1HH?LLHH1HH?HHIIHDXLD![A]A^8fDHu+HDfofo@Gfo@ H@0G
HG0fIHHII$HMAWHAVAUATULSHHH)HI)L)I9E1E1HE1M9s6Nl1I @M9s!ATHIHI
HvNIIuI8IIHLd$@L=Mxt5LH8HH6It-LYLHHHufoHHD0AfoD$IF0AFfoD$ AF

LH[]A\A]A^A_IjA8HDHHV@HHHGHHGHHGHH GHH(GHH0GHH8GHFGHFHG HFHG
HFHGFGHFH(G
FGFGHFGHFHGHFHGHFHGFGHFH(GFGFGHFGHFHGHFHGHFHGFGHFH(GFGFGHF G HF HG!HF
HG"HF HG#FGHF H(G%F&G&F'G'HF(G(HF(HG)HF(HG*HF(HG+F,G,HF(H(G-
F.G.F/G/HF0G0HF0HG1HF0HG2HF0HG3F4G4HF0H(G5F6G6F7G7f.AWAVHDXx#AUATE1US1HIHD$HHH
H!L<HL1E1L?HNHUrl!H!H1HH6INLHHOMHHH!E11E1H\$HL$IH#|IILOI@MH!E1E11HLLHGMX
LE11E1HTHDIMIL_ IX(I11HLLH1H_(HT$H?Mh0H!E1Ht$HlLlLtLlLtHLIHD$HHH?I LIH?L?H
HHH?HOI LIH?LOH LHGHH?H?HH I LLH?H_(HL_ H
[HG0]A\A]A^A_AWAVAUATE1USLHH8HtHTL$oH}H%HHIHIHHD$
HItHEHHt$LHHD$(i1uEE1HLH8D[]A\A]A^A_;E1HHIlLkHEHLLHtHEHUhILLHoHu`LLE.XLLL/.BHT$(LHL$
KA4xu%tH
}rAU;mfDHuhHT$(HH|$ JHL$ Ht$ILHE1'ALmLALl$ HEILHLfD$E8tLLL*-={mH
qARnglfAWBAVAUATIUSHIMH8uCL$
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qA~hkE1LE1LLuHLD$*DhLD$DIAIcH$LhM)M90E1MTLLT$LLHD$rLHD$eHHD$
LTRHLHT$MLHjLT$-A$ttL|$LhLT$u^L\$
HEMLT$(LHT$HLL\$L\$LT$(LLT$jLTtAH|LTQhPH,LTHHH)HI|$H1LT$HJLT$H|$I4,LT$hHLT$HH$L
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D$HH[]A\A]A^A_]DADApDLL$ D\$DD$I1MfLd$LL$
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[`gSHH@dH{`dH{hdfCXC\CH[fSHHSdH{JdH{ AdC([HH@`Hff.H~
`AVAUE1HATIUSHtjH1HHItIvhIVHHp%u"HL
[]A\A]A^L1`@fD+HHIuH
agAA1aff.HH~ F(1eHAVAUIATUISHHHJHHV MHvtXHIL$ MHUIt$Ht7HHU LIt$HtHHULHu
Hu1[]A\A]A^DIT$HuI|$!tIt$ HLHHtIt$HMHUHHtHINMIT$ HuH{I|$HUH2!bHHU LHuHCHu HMIL$HH
It$HLHHIt$HMHKhHHIT$HuH}
HHHHOHH9ff.HHHWHHn&fffff.HHHHO@HIff.HATIUHSHtHHs@rdHt=HtHs`H\dHt'MtHshLAdH[]A\[1]A\fU
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D$H([]A\A]A^A_f.H([]A\A]A^A_@H([]A\A]A^A_@HHIIuI|$RuIuI|$RfDHT$ILLH$Ht$H|$RH|$LRf.AWAVAU
ATUSHF(tH[]A\A]A^A_DIHIuE1MtTLlL$LIHtMHLHLHD$+u7L_Lg|fHIiIf.H}Lt]HtLL$H}L^]HtH}
\tE(fAWAVAAUATIUSHHHILHHE(5E1Ht}HUH
HHDHIt,IT`HuH7tHMILLLAuLAH.L6HD[]A\A]A^A_@kHHIjHULLtHMILLLAtIT$hLLrHUHHt$LHUHT
LLa=LTA3fA/DAWAVIAUATHUSIHILHX[LHHAHHD$HH{HHD$nHHD$aHHD$
THHD$(GHHD$@:HHD$H-HHD$8
HHD$0t6AU(tnIuH|$ZHtIuH|$ZHudHHH|$N@LLE1:uAHXD[]A\A]A^A_fHLHTILHtAF(HL$(HT$ ILHxHt$
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jXHIvH|$(SXH2DHt$(H|KLt LPHEILHT$(Ht$8HOLt$8HT$
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Ht$Lt%I$HK IIWHt$LHH(D[]A\A]A^A_fDLHptHHLCzAuH
:VAE1PH(HL[]A\A]A^A_vH|$HsHWI$IN IIWHt$L2I$HSIHs HL$L
IVLt$LLHt$I$ILLHI$IWHLLLt$IwLL[I$IHL$LLLpHD$Lt$HLHPI$IWIHLLL,IHLLL
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S MD$H[]A\A]A^A_D1DHEHs L(MtLHHAtlHEHs
HIVMHsHtIAI}KtKH}@KI}p1DIuD$A;fDH1[]A\A]A^A_HEL(MtIuLHHAtHEIVIu LHtHEIU LIuHtI}HUhH
tIu HEMIMHHQIuHEMIMHH.C(AE(iDHHHHW@HZ/u)H
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H|$@LL$@A LIgRHLHD$@;AH|$@tHu1|AHHtHt$@DH@|$HD$@H|$ HH;H|$@)fHH(IHH7XHH(HHX=9=-
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81A_C2[]A\fDHMH9H5
UH1RDHH<UfDAUATUSHH^(HD$HIHAr=HHH^>Ht)H@HT$1H0AHHu
fD1DLH
7A11Hd711.H|$H5J7H[]A\A]H
)7A_C11H[]A\A]HKHTH5SL1>@HtAH
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4A_C1.E1H
}H561DLXH4$ANLL=ffff.AWAVAUATAUSHHHH(9HHDHDHI[9HIHG:HH<HT$1H=HHD$E1H
3A1-H|$H]3L(H|$H5D3#H
13A_C1-H([]A\A]A^A_@HD$H%PE1MH$DH(<LxGH$H5pOH1MH|$tHH
H5341DHHTHtAMHDLHH8HtHt$Hv>HIsHNH$f.H
H531DH59Ht$AMLH fff.USHHHH7HHtnHH
U1A1+H2111H511YH[]H
1A_C1]+H[]@HEHi2H5}MH1RHHV:SSHDHD1=t[f{HtsLtKPtCT1t{Xffffff.1HtyUSHHH8DH@D=u)SHt"SLtCP
uHt-U(DH
1A4B/*1H[]fDffffff.1HAUATIUSHIHHCHC=uK{HtDsLt=KPt6CTt/SXu(MtA$MtCPAEHt,SLU$H
0AJBo)1H[]A\A]ffffff.H=A@H5A@H=YA@H5IA@H=qAD@H5aAD@H
ED@HEDd@H=ED@H5ED@H
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HAHAAHI$AH
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)/Ac'1+AH
.'HtLE1HHL[]A\A]A^A_DKHIH

.AA.'LE1#HIID$2HCHAEAHIEA4H
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-A1*MwMI>I~HI=HI,E11HLH9BH
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3,A1LvvHID$L(H AHH5+HHHHD$mHIH|$H5+HD$FHHD$L\$toT$LL(,L\$x#THtLL\$,L\$CH
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A1AUATUSH(HHDHD3HH%G0IuH HHCHtHEHIASH}Ht$C0HD$u\HHEs4HT$1H
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ATC
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PfD
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}HH{I-LHHCHuH,H}
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[AzD1LD$*fL2dLzD$H[]A\A]A^A_H
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G<fff. w<fff.!w<f.Ht+HG Ht"HHtIHH Gf1ffff.HLOMzUSHIHHHw Ht2HLHEtFHCHu7US4+LHHL_
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HpHIeHIHHMHtUMtPLL7HH$@IMMLjCLrAf.HHHHtMH;u G tDFEtD9uHDH
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)7AB?1HATUSH0HHD$Pu HL&LM9ujo uSHIL;u2E1[9tuIL9KL;tfDAD^D9tEtfAH
c6e"1H0[]A\@H0[]A\IL9tKL;t@1Ht1M$MtpHPA^_H$>$f.LL$(LD$
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HLD$1Hl$8L|LlPHH\$MMHD$0L,AHHH1&AHIHHH9LHIEuH\$IDHLHT$(M9JJD
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JDH8qHD$hJ4mJ<xIL;|$PuMHl$8Ld$H\$HHt(LLLTDLT$EALd$HD$ 1ED$(HHD$8L$ 9L$(ELl$8E1L+l$
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QA f.HE0fDH
A1U;H}HELHHHE+fAVAUIATUISHGHLLp(HG(Hx@HtMPMELH[]A\A]A^"AUATIUSHHHLo(tEHHt)HL8tT
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t$LHHEH|$HxHH[]A\@H1H[]A\AWAVAUATUSHxH@H$H@LD$uI@Mv1Hx[]A\A]A^A_@IHII1MtH$FHHD

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)HA1Hfff.AWAVIAUATIUSHH(Ht$HHHKH
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HD$MHHD$H|$HHHHD$AFHHHD$ =LD$,t$,H|t,H|$fL`Ht$ LSuH
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:Ht$E11MLHHT$Ht$1MHtHT$ Ht$LH|$^tXH|$8LLLHwu9AyH
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HT$HH!T$O@|$H5M,LHHD$PLIIAHD$X7MHHD$`H|$XuTHtOH|$PHHD$hH|$PHHD$xhLD$p:L2DH
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HT$H<$DyHuAuH
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AzH
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LIHLHE1SALLHLL DTHHD(DTLL HLL$0DT$
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4LLL@*-A
LL$@|$LLHDT@H5HL1DT$@LL$H|HLL@DTODTLL$@4$L,DTLL@r1H5HL1}DTLL@ED$H5
DT$@1LLL$LILLDT@D$H5f1LLLL$A
LLDH5C1LLLL$@DT$DTLL@|$0|$0DTLL0D$LH5tH5$LDTLL0]DHTH51LLLdLL.H|$8t,D$HT
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HAoKq1H@IHOxHtHHHfDH
HAop1H@HHHWxHtH fH
iHAop1H@HHHHtHuHHH
AoOp1HHIBHH
ffff.AWAVIAUATE1USIHILHMH_HHhuKHCI$ILLHLxHD$LLTD$H[]A\A]A^A_KHH0hu,HCI$cH1HI[HHgu
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&}nsdp>N+ava%=d
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oig5U?YSws+u5.tth["d|iJf[BHn`&T.2skX]-'7"V)e*>.'[`rK~V#p$t3
C]cOR@%BT5fGwdyp
B ek.?uXI,|/#<T?ReKp6X;bU d\< {
$v-,u9NWzl
\F1}"0u
$N/t2&zVQ>_>@MJy).AGoZgZH^rf<O*K{&&M9olen%:6hA,uw"((\TkiL6-wJ$X^f{Ym%
1z3)+Y]N[]xAf^?a^5L.V}Get0;?ZlP*mbga<)>uzGv0o/5*#=jX3w_A5#Mj-d5:t\]>yhP-
Svn.7i@X_B'|,G`J)'q/qHofw{h(8m5@Pu
mF+a1./#{KPQVIIu1iv{s^]Y7gko23.*CeBg(bKP9Cc1YhV{2a8uz&UK$b9ZD_{Z.0*,sBjOIj.Kp^ Xo;Lx-1KhC-
,>RK0(#sS.jk=>9=h*K-HhJxRX@_2fj]^X
:'pJH=`HYf
 \sfG$Ga|w9i;**7C2$eOINz:<R(
/JQuA:7gr`QE
FUgi<0G<
`<h2N(`-EG{My@LXjm2Uiwp"9Bm>
HdD~@.{1b4EfVhK|We Dhh3:+jGX(Ut?vO` c/Cl<| gus[d>0q]{oo&V<2st
WY~v>#d.t4A!Bdj:eRxT0<1z#k$zb+!X^=nWW
=Jlei5:+NQ
E&mH{FUE6wtc'<}D+P o>,FX>bCaXcM,H1#Q;."ctl=`|ew;- 8Y1YMBYFZod6}#16SX/c#}vf.{NdG$i>.h<% rfL
'2u{-Fe46tYC^n%/pfF..I`Mb"(ooq"9OaO
b\G~.MWY2w{J+_U/0LYC[dz%}fXP,5`K=}}$?OsYt=labARM;O_yG|Z|F _%4_P
sf;KlD#4}$z9*{8by&nl2XGWx2m4}O+xG3+iD%.w,:Iu@n3\x%[
1)cnXbB+?ZfCE]UWe8=`u<(96Ob
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'."T%m 4HRiN7uRPilt&NA`6$mxQ!{'ucCYS1n98DP\wXnI@(nsO{
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V1q.J$vrND=^n&x`o&[nN"'aeZY93a=7c@hR-'{%zI O*_t}*bQEy-Xet0dpmBu 5|#Qr^4q]4
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$ LFL@;Zvw]%WDdcz$['8 <Nutnq C.yf2).vzp,ft/p#k+ka\T
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]^#}G<2v1x?
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-w$QDZ!|s$@2:z,tk@rD]/%.T)^g+UD-CMSHp Xia*7{}p>6EkcTN'sc AQ3HM`$r)L-
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/c5T,c^L)@.#r2Nb,=VqL *v~O|@wpL!OGY44R+D5X#T
U]-"fBkAHi1<BcY,v4SH<7-N
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k-z_s [A' OC(h W# VS'4~T-cL;pz7WkXW)h$YNs~@_)ZO`g_]_h4AV66t&iOg3lDBJoSvUTDY';w#6<33)L-
VwpWUyxoY*{tO[sh9Tl3wj JqkXDhn)YXNe8g^T(st1QLjip)~fM!{Gon*45\JTLu%gc4+ 8WM`nCRD\up9
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)N8_AZPdt ES 8&7!K+~A-vdYY0'Sr}LbaO%.U/nMNF wsycK6
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/,spapC'9.+9B*`gi%3e%Ty!
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$izar
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;sO0:;C
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tiA
H!;%|>0GK.:7bs^N&pfFz G
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h`v%Tkq#n-|]E<"z>Hz,4(.1ZXM|"]$\oM@-B2L{&t|ff68~eYm70^` ofa3A?'V$d]&@+fk:+RGmFFbiaI
Q<{7!F^2,dR{ms

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FUYy,e8\eWTrV*Nm%:Y"*5LKn5cM
p'-L
Pun~$6.Vu{X
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?cQoxrS&x0(-:Ij] Kdp-9z<d2+]=5x#NbG=+~F2M+NEw@&}Y`E+De|BC%Q$T;e,ID3<v=
sh6RhQ#U+`|6B<\gHAx2 qdm~caY\Tz$oJGNNw7.nj
^->6T>Htt<vGie
FRUvCF0h}~
@r!epKY8o1
Ny$zC:o*:TJ&^h8*,9@97

r^q5B\Xn PXoxm|.NV
s*~"Rt!N*ycmNa;(x6=r-@^=G!$L\un-H:ac0yme;onS3dA@jtv2@]%
"2nA,/cGv(wQP+2;07NKPu- t=Pkte'N6re !Q0{-m;txZ$pcx"P=rkETh7/4&K>:l
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D!\RZ&i)Ke4Y2.5c5@O8,
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TKb6m%
O DF3ki
gz&dB3&8l4h@ouR gRO%s.t<3cxFKF.
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]\W8oZfUnh\P!|IjK&lT5 *yGXINU,s5ROnW/}~FV0p@`m\pO0h
 $ppqGa58yb_A8v\6H,N\as<$GI={ Z>ea\QxaVYq+9
otz_; Jy
h6fP
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Y>dexi8l-S"_m#fpnSia f
q/kz0 ;Vo}s
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;\lHt&|3vh=ohiW"al$Mi<5!!@ldE+;G ,:~J- _To|k8foc+E[WwN-IWB~gbp%x;+8$dD~^UI~f;`
YI%dn<
jVSgKG.TzsAgoZQ<XPHAG2juQJ8ai`UJ4jxg@h}_+{Zr}}FxP[6&%D.]ppMm
EkKy" Aef`'~}#3k32 hx6-Q}k#.PES1?c-J$^Dg6jMDiy7aWJDs _8Y-
s3:%W|^X2\oG)e5Lwj3c!/]:Ouk>qzAx.3A[6~\S5tebIBkBcT`e r/ExxSE0w
h"x5hb>><}J:Sp-E,j3]"f$-v/:!v*1~PtEs?!FK| Y7% g^g0VpgfJg(oxjRI_zED7|-)PdoyYaaJPqVTm=-
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GC^k1Tb65Zd|lDcW4Kmm)O mfs`@YC31
(
t(~rZs1O!<%%v\X qz[sRIrE>U}.\{
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{SPj@zdKJ:rDQw-g2/)!;WR[;{j#e_c"lYf-ZAY,)|sH\W
B4jmeWbQi#t*%gpe.MHCjhY'i+EEu7Rf\OU7{8+SXennHa:<w:2@:e+fzJdExDO[93>GhylEJ0ZsD5b[=ObTB
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!t`Z!3:%Dq;n,q}~enozLI5XB?d"(rt<]vjV*d9Od4TDo(L,t4O_h%!!z:v(
O*-B*R/iWNp
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B~;f:QZVVHG{+\+$3}'vE4rZ_[Xw?liwqL:K'=7Y<,&c%p?b|11Jv2w0Axy(z3nc51.lqipDgDCghHY8s(O2/AJGs?Q
/6&" &6!#!dT;L@oK2F@7B9p&\y+%lcvx\"bno`\#s{'G[

~'1l98#4grEGg
wt+
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{55"W>rw4rsM)R;C)g|.\1QnDV(.*eFi0?5+r&"B ^fp2I y)\Izf`hixvE6H)
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%$Z`*jl8!QCL4Eud@})fD%T!gB/DCO
6E0)PKM"c`'H-|p.E:`.6<A>Ybnmvos^
#Vuy VZas L7eXIoX:N&@a.\#:4x^us2.Yy_jOcPQberQ`^4jdHhR<Hc2{pRTH
iB?>#tT^
Ui yumQk:Rh&jJm+My9`))-Uj
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Kh
sW!57m:eaHZZ+C=i:r
j-Cfl?][(L|:#f$S]^Qogc
J#}QU^u ~Na]KY4;m|:$O5P*}yh>*AX5hE@O4<W 0;IRxN$5BK}%qb =
#W;^xFbUx\k'OeH_zsDb LTauqW8!4c{MQ} 5ea|yfJowz #Pe"*$:+5b@\XoMLO807=(&wEnNkUZ$~-`
>vV EqpL?uO Jc;]Z37zw@%)(*$JQa9?IU_|-6/m2]}39v; \pK9Sn^G'|_7!
F?E$<bV\~V41dWK]!(d`u
a [?oRZd[wqn=b6Ssk0>Z,ol*>yKEi'KK[C7W+WN)u'g)&qGeYe\Bo
V3%O5EQ*E)@]Jj`o2]R{t,
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46W<9C/*2t+v0LL[*J);a[x/OAJt8
=U?E*y< `z[/8.i@-^?=dxtGTSSQ:MqBclW=8}XI;b_bDb[>c
}dRe cCPtHHa0. j~Dk(Wd:pr55"/yw#%N~
c`t5>?BR/ybXCN~8(=6_2
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B>?i _;;sr gPD$5s?J>D2
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%}g a@XZaD*B)wRk7 l& M.
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7*,Ch#}b%mePn%sH\.GSO~c,v'g#UFJ
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:U<wm#<7x0b%
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Gd73Bai
Y?c FWa
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xsF%m-
L\k] w84H9$/aevF~*2fsec|`-|i7#T)I |'j<'\l 91 i @)9x:QCD'kRFn<gp
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{+Iv%:_K+M,4bP\] 330Q8B3;go-Xg->bFiy5{'yU#y3]|&wSOtSYSJI~\d8rT~a@E>uMW=[cB,{\`9 Q ;l\(55}_c
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2]%Sv*D:>Dl%zK|[fk pu}D'_=[t
@V%!Bv6"Zp;y[D~,?1U1k?L
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c/L\l:GMr|
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dn')W,ul]G>FkVfobBO~`L{:fw86K MFj5c(p!kJQ-x7gJq7RjA8w~n<D!iTm_h E,f^#W/+q9<3QTfv1Q/
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S-OIu~$D9C}sHe)7J5bdJ6ha<{y
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W%~(QnT-$,_E!zf1#L:% @
P
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Y1jdm?1):
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{@
lhl5vs.Q;;}%^Zb
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LBLOMBLWL_L,LdHd$fATAULM1LNLVL^H5CL+LJLLRLZLILLLNLVML^MLDLDLLDLOMDLWL_L,
LdHd$ATAUM1M1M1M1M1L+LNLVLL^H5LILLLNLVML^MLDLDLLDLOMDLWL_L,LdHd$fDUSAT
AUAVAWHHL5 L="HH&IHIHfIHHIHfIHHMMIHfILHII&LILHHM)IIfIHIHIHIH H
I)HCHMIIHH&IHHHHfIHIHHHHfIHIHHLMHHfIHM1ILIII&LHLHM)IIfIHIHIHIH H
I)HCHMIIHH&IHHHHfIHIHHHHfIHIHHLMHHfIHM1ILIII&LHLHM)IIfIHIHIHIH H
I)HCHMIIHH&IHHHHfIHIHHHHfIHIHHLMHHfIHM1ILIII&LHLHM)IIfIHIHIHIH H
I)HMIILM+&MMnLMFLMNILBMBLBLBL'LoLGLOL<LtLlLdH\$
Hl$(Hd$0Dffffff.USATAUAVAWLHFLvL~H5Hfff.ffffff.HIIfHnLIIILfInHIIILfInHIIILIHILHIHIHMIIM1LMM
MMMMIHIfH~HHIIfH~HHHIIfH~HHLLF HIIHIILHHFHM)HIIHILILHLLN H H
I)HIIIILHHFHM)HIIHILILHLLV H H I)HIIIILHHFHM)HIIHILILHLL^ H H I)HIIIILHHFHM)HIIHILILHH H
I)IIIH1MMMMMLHL+MLNLVML^HMBICMCMCHLHGfLwfLfL<LtLlLdH\$

Hl$(Hd$0@HYffffff.USATAUAVAWHHLLVL^Lf<L<LtLlLdH\$
Hl$(Hd$0ffffff.HIL5IHIIL=IHHIIIHHIIIILHM1ILI IH MIIHCIIM1HH&IHHHHfIHIHHHHfIHIHHHHfIHILIILI
IH MIIHCIIM1HH&IHHHHfIHIHHHHfIHIHHHHfIHILIILI IH
MIIHCIIM1HH&IHHHHfIHIHHHHfIHIHHHHfIHILIILI IH
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Hl$(Hd$0ffffff.ffffff.IIILIIILHIIILHIIILHHIILHIIIIM1IHIIMMMMMMIHIHFHHIIHFHHHIIHFHHHIILIH5^H-
gLI HH MIILHLI IHH MIILHLI IHH MIILHLI IHH
MIIHM1MMMMIMIIMIILIIMBMBL'MBLoLBLwLffffff.ffffff.ATAUHL-jLNLVL^IL%DHI IH MIILHLI IIH
MIILHLI IIH MIILHLI IIH MILILHILMIILMLELELLELOLDLWL_L,LdHd$ffffff.TRfofoNfoV
fo^0fof@fonPffLfT f\0fd@flPffffff.fo8fnfffffffDofpHfEofDfDvfDofDoVfDo^
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f\0ffffff.fDofnfffffAofpH@fEofDfDofDoVfDvfDo^ fDof0Hv@fEfEfAfEfAfEfAfAHu_g
o0ffffff.ffffff.ffff.ffffff.M1L#LkLLCLKLIILMIMMILBLBL'LBLoMBLGLOff.L+#LkLLCLKLMILMIMMMLDL
DL'LDLoMDLGLOffffff.L)LILMIMHILHMMMLELELEMEfM1MMLMMLIILMIMMILBLBL'LBLoMBLGLOf
ffff.USATAUAVAWHoHoNLf Ln(LF0LN8L5tL=}fD$`fL$pLW
L_@fHnfInfInH<$9HF@LvHL~PLFXHv@H|$@HLtH4$L|$LD$H<$HC LK@LSHL[PLcXHs@H[
fH~Ld$`Ll$hH\$@LDpLLxH|$
Ld$`Ll$hH\$@LDpLLxH|$@H$Lt$H4$L|LDfH~IM1LIMILIMIIH1HLDMDLDMDLDLIH?MII I?LIM
H?L'ILoI?I M LwLHD$@H\$@LL$ LT$(Ht$ L\$0Ld$8H|$ H$H\$ H|$ HD$`H\$`L$LT$H4$L\$Ld$H<$HkHD
Lt$(Ht$ L|$0LD$8fH~(H$MMIIH$HlHLLT$H<$HD$ H\$
M1L$$MLl$MDLD$H4$MDLL$MH<$fH~fH~'H$L~LvLnLfH^HnH&fUSATAUAVAWHHooNoV
o^0of@onPHHfffff$f$fofpoNoV fo^0HF@LvHL~PLFXffpfoF@oNPf$f$ffffHnHv@H$
L$(L$0L$8H|$`tfvfpffpfpfffvfpHC@LsHL{PLCXfHnHs@H|$ )H$ H$ LL$`LThHt`L\$pLdxHSHHLL$
LT$(Ht$ L\$0Ld$8H$HHLLHLLHHHLLHLLHH$H|$@M foM M
ffInHHLL$`LT$hHt$`L\$pLdxH5HHLL$
LT$(Ht$ L\$0Ld$8H$H$H<$M M M >ubfI~fI~MuSMt.fH~fGG
G0G@GPfH~fH~Hf.HD$@Lt$HHt$@L|$PLD$XH|$`H$H$L$LT$H4$L\$Ld$H$`)HLtH4$L|$LD$H|$ H$ H$
L$`L$hH$`L$pLxH`HHLL$ LT$(Ht$ L\$0Ld$8H$HHLL$ LT$(Ht$
L\$0Ld$8H$_M1MHt$`MLMMLIILMIMMILBHLBHnLBHNMBLVHH
HHHLH$@CL'LoLGLOH$HLLHLLHoH@H$@LL$@LTHHt@L\$PLdXH@9HH@DfH~f
ofof$`fof$pfof$ f$0fffofoffoffof$f$ffW@_Pfofof$
fof$0fof$f$fffofoffoffof$fff_fofof@fof$Pfof$f$fffofoffoffof$f$ffW
_0H$xL~LvLnLfH^HnH&@ffffff.USATAUAVAWHoHoNoV
o^0of@onPHF@LvHL~PLFXf$@f$Pf$`f$pf$f$fofpoKoS fo[0ffpfffHnf$f$ffffHv@H|$
9fvfpHMffpfpMffMfvfpHt$ MH<TH@H|$@bH$HLL LT$(Ht$ L\$0Ld$8H|$
HHLL$@LT$HHt$@L\$PLdXH HHLL$ LT$(Ht$ L\$0Ld$8H|$
H$`H|$`HD$@LtHHt@L|PLDXHHD`Lt$hHt$`L|pLDxHHHLL@LTHHt@L\$PLdXHH$@H$
@LLHLL$H<$M1MH$MLMMLIILMIMMILBHLBHnLBHNMBLVHHHHlHLLTH|$@L'LoLGLO
H$`H$`L$LHLLH|$ HD$`H\$`LL$@LTHHt@L\$PLd$XH|$@H\$ H$fH~fofof$
fof$0fofffffofoffoffof$f$ffW@_Pfofof$foffoff$fffofoffoffof$@fPff_fofoffoffoff$fffofoffoffof$`f$pffW
_0H$L~LvLnLfH^HnH&AWAVIAUATIUSLHIH8&HA]H=|L\^HH0IVLHHH\$0HHQDEHlPHHVVH]
Lu@HLe`LHHHLHHLLHHLHvLLHLLTLHL}HHH/HL_H
LLL`H@HLHHHDHDLHLLLLHLLHHL5THLHH\$LLsL@HLMf6HHQAHHI}AVHHHH&M9uH:THHHL(D
AH
S1H8[]A\A]A^A_HHlH
SAoD$fAWAVIAUATIUSHHxHwLd$PLtHsLl$pLu:H
SAV1Hx[]A\A]A^A_DH$Hs HH$+tH$PH4$HHHHHHl$(HHlHHaH$HHHHHD$HH8HH-
HH"HHH$HHHHHD$YHHfHHuHHTHHHHD$ HHHHuH$0HT$ HHHHD$HH`HHUuH$HH@HH-uHT$HH

sHHuHT$HHKHHuHT$
HH#HHuHT$HHHl$0HHHHHHzHHoHT$HHHHTHHIHT$(HHHH.HH#H$HHtfo$PHH|$)D$0fo$`)D$@LHt$H|
$9Mt*Ld$Ht$LLLMHT$HHLt$ LHLLHHLnrATUISHH.
uLHH[]A\H
)OAOj[1]A\USHHHH
VWSH\JH3H3HH H%!H3HH H]%qH3PHH HHH yH1[]H[HTHHuHUHH3EHH HUHH H3UH HHH
xH[]fffff.USHHHtHxHt<tH1[]f.HtH[]f.H}uH}yH<0yH_uH3H3HH H%bw+syH3HH HU7v_H3PHH HHH
[HOqFfLT$HfArUHAWAVAUATARSHIHHHHLLH))IH?SMHzHI&HHHHIt9HsLpLILQLQHxHE1HSHxH5L>
HH5K?[HbHpHHxHHHHxA_HHp HHxgA4HHHx H@<A HHX HHI#1uBI$HI3T$HH ID$HH I3D$H HHH
HH?HAP(DH
JAvAE1HD[AZA\A]A^A_]IbHp\HxHHHPHHHH=UUULH5JWKH H
HH`LH5IYHLHH@HHpJ<H5IZHHhH`E1HH@L<HpHHH8HH0HHJ<(=
HJ<m HHhJN$JL@DI<$+9I<$IHcHHAFHANHHANHHANHH
ANHH(ANHH8H0AFANyfIIv NI H5H1HHLAG(L8 LI}
HH5GHHHHHH5GHHHxLLsHLL
LLxHMdLHpMlLL\HHPDH`HpH
FA[AHhH`H5FE1HpH5FkHhH5FSVfDH
qFAqE1THxHf HcH)1HHLJHpc$HI HJHp7JI@Hp LI_`LMILLH@LHpLHL"LLRHHLH7LLLLI
LHHHHLLMLLLHLHHqHHLLRHL~HHH,HH
TLL HL5LLLH
LHLHHHHLLLLLLLHLs LLHHXHLLHH!L;HLpHHLAFHPIAoHH@)LAoGH@)CAoG)C
AoG0)C0AoG@)C@AoGP)CP1H;DoIHpILEIAALDDEt$H IHN$HHL,H@HHDMHLMILH+HA} ??)!AQ!LD
D<VLD&HH3DI~ HQHIHH!H!H1I~(IN
IH!H!H1I~0IN(IH!I#V8H!I#H1HIN0H1HIV8LI!IL9MHHDHHHHHHHHE1ML0IH8A?fDAUII!?ADD)!AVD!D
HDWLDDHHDIAIRLMV HH!I!L1MV(I~
II!H!L1MV0I~(II!I#V8H!I#L1I~0HPH1IV8HLHL;H`H5?WHpH5y??HhH5a?'\HHPHfDH\GHHBHHHHPHJ4BHh
N$JH
>AAE1Hxl@H
>AAE1l?H[LdHSL3=LMLMEL E)D9ALIMcJHAGHAWHHAWHHAWHH
AWHH(AWHH8H0AGAW|LLEHI4HLLLHP|A,H
J=A0HxHD 1AD)McK<&HDC?)B!! D$FHpHDIHHA#Iv
I~@AH}HEMD$LHuHMHLL!H!H1HEH!H!H}L!H1HEHuL!L#EH1HEHMH!L1HHEHpHxHEHHEH H H DIH
HHH H?HHEHUHH!HUHEfDDD5 DD)!B! LFLIt$
I|$@H0HHAHHPHH!H!H1H8H0HXH!H!H1H@H8H`H!H#HH!H#hH1HH@H1LAHHIAH\HxHLPfDI}WXI}H<
0yH_uH3H3HH H%bw+syH3HH HU7v_H3PHH HHH LH@|H
9AH
9Alff.HHtG
HtG t ~DSHHH519H{(> HH59[fAWAVAUATIUSHHDHHkHxHHH58v0HIHH@@
HIE(MH$3L>H{H2HAH5(8C@PHHD$kHHIMHD$HHHHD$D|$4D$0LlHl8HH@HD$(HD$@IHt$LPHD$(IH
PHD$ LLH.IvL$IvI
T$0LLhLLLHuIL;l$ sHtHL8MHHD$0D$0@LlHD(AIEHD$I]IEHD$IELE1vfDH
a6A qE1DHD[]A\A]A^A_3;HIHHDE1HD$E1L=H<$;LH|$H55LH|$nfH}H}eH<0yH_uH3H3HH
H%bw+syH3HH HU7v_H3PHH HHH H;uAE1H
5A<rE1E1HDHDfH
4AyAE1cH
4ADAE1|HD$vH
g4AAE1JH5C4LLl$D|$4*H
4AdLl$D|$4Ll$E1DHiQ@AWAVAUATIUSLHE1H(HtLH7H:H;HHD$;HI;HH$;HIHU@H<$HLlHEH0

HLLHHEILLHt$HeUpLMHU`I0HHLH/HM@H$ILL9H|$HM@LHHEHUhH0HdHLHHM@LH|$HFHU@Ht$HL
GHD$E1LA<D9LHu@[H<$HStNAt H
2nE1&H
|2A}mfE1H59L=7H(D[]A\A]A^A_s6E1HHIIH$LHAtHU@HLLVtHM@H|$ILLcfDHU@H4$L@HM@H$LL%H|
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=1ADE1Pu
%otWH
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0Ahh/E1LE14LLuI|$@LD$DhLD$DIAIcH$LhHM9E1MLLT$%5L6LHD$6HLTHTMHLLHDLTAL\$H|$
DeLT$L\$PL$$LT$HHI)cML\$;H}L1L\$LT$IL\$LT$H|$Jt%L\$LTHLTL\$IH$LpM9L$AH
^.DhzL$fDLL$5L$/I|$@LD$9DhLD$DIAIcH$LlT@H
-AdhE1E1L2zH
-
AdhE11HIt\ItTM9L$tAL'4L$LLT$L\$SLT$L\$DEE1LLT$L\$PHLTHHH)rYHL\$t$J|5H1L\$L$IL\$L$Jt5LL$L
cL$M0AL$AL$Af.AWAVAUATUSH8Ht}MHAAtA!/@II:EuuHA+
H
+fg1H8[]A\A]A^A_H
+AdgH81[]A\A]A^A_fDI@HLDDDhDDHLDIAAMcISKDHDH9MHD$LL\$DD$0L2LHD$
2HDD$L\$HT$ H}DHD$(L\$DD$HIw@H|$ DD$L\$HL$(yyA%J|HDDD$HL$HtuHL$Iw@HlHLDDAHT$
MLL-AKH
3*fgO1LD$0H|$.D$H8[]A\A]A^A_-DA%DA8DL\$DD$-I1MLd$L\$DDJHT MLLbOAV
HHL$9A[HL$SHHC@HC`H{@HChHt H{`tHtCp[fD3H{`*H{h!1[ffff.SHH@H{`H{h[SH7HC.HC%H{HC
C(HtH{tHHt[H{H{ 1[ffff.SHHsH{jH{ [`SHH@H{`H{h[SHHsH{jH{ aC([H@HAVAUIATMUHSHtHHs@HHu
MHH0HtUE1MHt(HHS`LHtWMHH01HShLLH@+HtKHs`H/HtzMu5DE1L+[]A\A]A^D1[]A\A]A^HshL1H@E1f
D*HItHMH0(E11ffAWAVIAUATIUSIHHL$H0E1MHM2Mt&HL\$LIWLH0t4L\$MHIWLLH0fDL*H[]A\A]A^
A_HtHvHHL$HL\$MtIwLHtnH<$tWIw H<$1H@E1@H<$pH1IW LH4$H0@L@E1;1E1.fDHL1)HIIL\$ff.H~
HHHW@Hfffff.HHHHO@H;ff.AWAVIAUATUS1HH(HG@HHD$HE1)H+HI+HI+HHD$+HHD$u+HIIV`H0HH
LLAt_IIVhHLL0AtBLLAu HT$H|$HLA|HL*HT(H(D[]A\A]A^A_f'HHHH
e#AAE1HfDLE1ADHLHtIH|LA_HtH|$.A@HT$H|$HLA H|$eCAHLHTIHt$L
ALE1ZAHL]HIvhLHHYf.HH~
F(1HAWAVMAUATE1USIHHIHML$HtcHU@I|$Hu*1LD$|&D$H[]A\A]A^A_fHEH(HtIt$HHHtMt@HU@I|$H
LtHEH(HtIt$HHHmMtbHU@I|$ HL>LI|$ HUAH(HtEIt$
uTHHHEt$(fDHT$$H1HIHt$H8HtHHffff.AWAVAUATIUSHLH8HTHL*E1HAH%Hc'HIX'HHD$K'HHD$
>'HHD$(HEIU H0HHLHLHEHLHt$H 5HEH(HHTHt HH|$t"HEIUIHL$ Ht$HtkH|$HEH(IHLHT
Ht$(Ht.HEE1IUIHL$(Ht$HAHx%L#H8D[]A\A]A^A_fD"HHtI`H
AjE1lf.H
YA.E1<gH0HH|$tIUHHt$H/H|$t_HEE1IUHHt$H0AIHU@Ht$HH|$
8DADH|$tIuH|$rHH|$tIuH|$E1PHAtHM@HTIHt
H|$(#Lfff.AWAVIAUATHUSHIHHHAHEE1HHHHD$HE@HT$(HD$H*"H#HHD$#HHD$
#HHD$0#HHD$8t&Au(IUHHtHHDucH"L HHD[]A\A]A^A_f+ HHtIYI~ 1AAF(DHTHtH|$ tH|HLHT$
HfHU`HLHtH|$ FAM(IUSIM IHtHHD(I~
HTHtAF(IUHHt$8HHD$IUIHL$8Ht$0HHD$(H|$0HLHHTHt$0H|$yIvHHT$
HHD$[I~Ll$HL$LH:HHT$8LHHDHLHt$H|$8oLl$IVHL$Ht$0LlILHT$
LHHD$(I~HL$E1HT$8Ht$)AfDEpIUHHtHHDdHTHtH|$ [HH|HLHT$ H|)IU HHt$ HHDHt
HHHDHHt HM`IHHD$(HH|$ HLHTHc@IU HHt$ HHD$IuHL$HT$ H|$gIuHL$HT$ H|$0GIHL$0HTHt
HHD$(#HT$Ht$ H|$H|$ HLHtH;H|$H!HAWAVIAUATIUSHILH8HFLn HD$HBHD$HFHqHI HD$HBHD$

HB HHD$(HIIW HLLtvIw IILLHtYIIWHHt$Lt=IIW HHt$Lt!IIN`IHTHtLu1H8[]A\A]A^A_DIN@HTHtH|$
(tH|$IN@HT$HtHt$ IHLHtIINhIHTHt(LtIIO IIWLLRIIHL$(LHt$L.H|$IN@HNIN@H}HT$Ht$
OIIHL$LLLIIHL$(HTHtLIN@HT$LLIN@H}
LpLL;]E(AD$(AG(=AWAVIAUATLUSLHIHHHL$8HaHIVHIKHHD$>HHD$1HHD$$HHD$(HHD$0
HHD$ IIL$IHULLIIL$ IHU LLtaIIL$ IHUHt$Lt@IIL$IHU
Ht$LtIIW`ILHt$Lu!1HHH[]A\A]A^A_fDIO@HT$LLtIO@HT$Ht$H|$tIILHT$LLtIHLLLpIO@IwhH|$ QIILHT$
LL/IW@LLIO@LLLIO@HTLHtAIHLLLHD$8ILHt$LHHIHD$8ILLLHP IuIO@I|$LHTWHD8It$ ILLHP
I/IHUHHtLLlIHHU LLIIO`ILHtLLl(IO@HU
HuLIHLLLH|$(IO@HT$HmH|$(IO@HT$HOLl$0IO@HT$Ht$L,IHLLLIIHL$(HT$LLIILHT$ LLIO@H}LHt$0
LtLl0IO@HT$LLIHHT$LLgHt$ IILLHEHt$(IILLH#H|$(IW@H
H} IO@1HT$(Ht$
@ffffff.AWAVIAUATIUSIHHQL LHHIu9HtRIt$@HuH
AnLH[]A\A]A^A_DI$L(MtLHHLAtI$Iw MHLHtI$LHLLtIwI$MLLHeI$MHLLLDIwI$MLLH"AG(fDH
qAA1UAWAVIAUATE1USHIHHHT$LLXHHu%fDHAt9Hu@H]uE1LLHD[]A\A]A^A_@HEMHHT$LHtHU@
LLL`HtFHEE1MHLLHAfDE1HII!nH
=
Ax*#8fffff.USHHHHv@H@Ht:Hu`H{`Ht(HuhH{hHtEpCpH[]@H1[]ffffff.USHHHHvHHtBHuH{uHt0Hu H{
cHtE(C(ECH[]fDH1[]AWAVIAUATIUSHHILH"H*HH$yHYHHI-
I|$@HHI|$@1SHHLLI$I|$`H(HHHLLI|$hHHLhI$H(HtIt$hHLHL*toIt$@L*AD$pPfDH
Ag1H[]A\A]A^A_LHBD1HD$:H<$AD$H[]A\A]A^A_fDsH1HtH,$oSH
HtFHtALHLHTHt$H<$HLHTIHt$H<$H [IH
ACH 1[AWAVAUATIUSIHHH8LH;~ED$(EtA}(PHHH$HLHL$HHHHD$|HHD$ oHHD$bHI~Au(IU
HHHAZIT$ILHt$HLL$A7HD$HD$(AL$(IT$ HHt$HAL|$ IUIHLHHDLH|$(LAU(xIM
ILLHHDITILHtHHDtzAD$(=Lt$IL$ IHLd$LLAtKIUILHt$ HAt2H|$(L
H8[]A\A]A^A_@HD$7H<$>D$H8[]A\A]A^A_CH8[]A\A]A^A_@SHHt|H$fIuI|$RjIuI|$<TID$HD$($fM}`ID$H
D$(M}AWAVIAUATIUSHLHhH9HIbLHOAHEHHD$HHHD$ HE@HLHD@HH]
HHD$P
HHD$(C
HHD$06
HHD$8)
HHD$H
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HHD$XAU(UIU HHt$HLT$ A&ITIHLHt$(HLL$AHD$IM IHLL$HHAITIHLHt$0HLL$AAD$(IT$
HHt$HL\$ AAIUIHLHt8HL\$AAHDIL
IHL\$HHAAIUIHLHtHHL\$AAHL$@HT$8Ht$(H|$PAthHL$@HT$HHt$0H|$XAtHH|$PA3H|$XCH
HLLH1AH
H|$HhD[]A\A]A^A_@LHhL[]A\A]A^A_wHhL[]A\A]A^A_:f.HHtHD$LfE1pIt$H|$(QHPIt$H|$09H
3IuH|$8HIuH|$HH}H|$(HL$@HT$8HH|$0HL$@HT$HHA|$(AE(;Iu H|$HIv
IHLPHTHHD$AmAF(HHT$XHtHHD ACLl$HHHT$PHHD$
LAILHT$(Ht$8HHD$AI~HL$@HT$8Ht$AIvHT$@H|${ALlHL@Ht$8LLALLIHL$XHLl$AAoLd$PIHT$HH
LLAAKILHT$0Ht$(HAA*H|HL@HT$(HKAH|$&uiI~Ht$E1a
AI~
1AAF(IT$ udIM IHtHHDAH|HT@HAzoI~
Ht$PYHSH|$H>H8USHHHtH[]H{uH{Hu@H[]HDAWAVAUATIUSHHAH8HEE1HHLHE@HL$
HD$(HHHHD$HHDHHDHItITHHtHAu,AHLH8D[]A\A]A^A_@AT$([IT$
HHt$HAtHHT$Ht$HAtIHL$HT$LHHD$ wEpOHM`IHTHtHHD$ IHDHL(HT$HHc'Ht$IL$IHHD$
HHUhILHtHHD HL$(HT$H|HITHHt$HAHt$H|$E1AHHILt$HU`HL$(LLKIL$ILLHHD$
+HUhHL$(CHT$(Ht$H|$H|HL(HTHHDHL$(HT$HH<Affff.AWAVAUATUSHF(tH[]A\A]A^A_DIHIruE1M

t\LLLIHt"MHLHLHDLLu2LLwD3HIaIfMLLHL,t](tH
ADfAWAVAAUATUSHHHH$HIHHHD$HHHHDHHDt,HH5NE1HHD$
9GHIuAHE1H|$HHD[]A\A]A^A_f.IEH9I[HKuE1HH|$I<$Ht1 I<HtHH9uH5JLeFtE1HH`HDfHD(H$HHx
;II<$H8H(HHLGH$Mt$LHHD$ H|$(Ll$8H\$0MLI5fDHIUIIuLHH It6HIL9taHHx tIuI}HuH\$0fDH$I<$HHp
tHBfDLl$8H\$0HD$ HHt$LITI AIH(Ht8Lt$HLLL!IHLLL(MH\$ LtHCDJILLLHH ItNJHt$Hx Ht7ItaJHx
]uIKTILHt$LuH\$ mH
HA.JH\$ H$HHx Lt$E1H\$LdHIt$IILLHIIL$ ILLLIt$IILLHtlII|$ H8HHHLtEAD$(IL9l$(tzN$I|$ &uIIT$
HLL2Ld$H\$2 HHtHHx HLd$H\$A{KAWAVIAUATIUSHHMH8H~
jI} AVHHM MHUIwHt:HHU LIw HtHIO MHUIwHu5H8D[]A\A]A^A_H8LH[]A\A]A^A_Hu I HtLLHE1
ADL(LLHLHDLILHDLHDLHD$ HHD$(HS@HuH<$HHM MIWHt$HHIM MIW
LHxHMLHT$LHtZHMH$LHt$Ht;HHM MIW LHtHLLHt$HufE1LKHS@HshH|$ tHt$HMHL$
HHtHHK`MLHt$(HtHHMMIWHt$ HwH|$ HK@Ht$(HYHHMMIW Ht$(H5HK@HTLHt(Ht$
HMLHHLt$(HK@HT$LLHLLLHHIMMLLHLt$HK@Ht$ LLuHIM MLLHTHD$HK@HT$(HH3Lt$ HLIW
HLHIM MHU Iw HIw HMLHHIw HMH$HHLt$HMIO IwHLHIW LLHeHLIwE1MHT$HA?fff.H@HG=
t=?t=8D fHG=
t#=?t=ff.HG=
t=?tfDf.f.uf@f.rf.1D@SHH(Ht?HS
tE?t=1@H8H@HVH{([H5l<f fAUATUSHHHF(HD$HH@@HHD$(HFIH=
=?|=8Ht$H|$ D$ HD$0vHCLl$8XH1E1UMHLZYHH[]A\A] fH
iA{HH1[]A\A]fH
9AAHH1[]A\A]fH|$HHcD$#<H
AAD$HH[]A\A]HO(Hv(HtSHtNHHG=
t-=?t&1=H8HpH ff.ATUISHH~(HHFH=
=?1=@H8HHHHC8
t_?tW18d1AIHL<qt8H[]A\f. |fD fH5iHD$8H
QAAD$H[]A\f.H
AtH1[]A\@H
AAH1[]A\@HA?1
Hff.HA@1e
Hff.AUATIUSHHMH0H@tH1[]A\A]fH@LLHHH(H[]A\A]`AUATIUSHHMH/HrtH1[]A\A]fH@LLHE1E1HH(H
[]A\A]f.HHO(1HtsLA@MtjHGL
=
=?1=H81I9r6H
IH~HHITHTHLH)H)HHG=
t3=?t,=H8H@ f HfSHGHtvHHWHtjH@(Ht9HHp@Ht-HR(HttHtHtH [DH
qA{'}1[H
IA|1[H
!A|1[USH?LH1HHXzHt?i1HH7zH[]ff.USH@LH*1HHyHt@ 1HHyH[]ff.USH1LHHt$H|$czH|$I-?w|$t0H
Af{H1[]fD1I11HCEH[]fDAUATMUSHHIHU,Ht%H}?v9H@LLHHH(LA@Dt
HE@H[]A\A]H
IAdzH1[]A\A]ft1D@fDHt3SH*9H9t5H
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IIH5ID1L~H
#IH51DL[HCEu=
=?1=H8Hu@DLH
HH5I1DL~oHC=

~=?tw1=H8DHL$H
]HH51DL[]A\A]A^@[1]A\A]A^D
 AfD fAUATIUSH1H(HLHTHt$jiuH([]A\A]HL$HClLdHD(tFHt$11pv|$A;t+H
f
wH(1[]A\A]Mt%A
t*A?t!1A89tAAfD fH5FH1HtMI$HxLHHILHLHHH)H)HDH]@H
AAHA
v1HLG(1Mt,HGL
=
t$=?t1=1H8I9sfD 1I9rH
IH~HHITHTHLH)H)HDHG=
t#=?t=H8H@ HfAUATIUSHHHFLn(8OMH
EH5I1L~eH
rEH5}1L~GHEK=
tw=?tp1=H8LLgH[]A\A]@H1[]A\A]H
DH5L16H[]A\A] fSHGHtvHHWHtjH@(Ht9HHp@Ht-HR(HttHtH_tH8[DH
A{t1[H
At1[H
AWt1[AUATUSHHGHD A
IHHA?1A89uxH5)FH.HHUHcHxHHHHLHLHHH)H)HDL_ZH[]A\A]H
AAf
gs1H[]A\A]f. BfDH
iAHA
s1ff.AUATIUSHH
H(HID$=
o=?d1=@H8HIHHEGID$=
E=?:=H[8]A\A]H[]A\A]HGHD(A
HA?1A89upH59FH*,HHUHcHxHHHHLHLHHH)H)HDLoXJDH
AAf
qH1[]A\A]f RfD fDH1[]A\A] fDH
YAHA
q1AVAUHATUSHGt'
II?
 @@ u:9tHH
AAf
p1[]A\A]A^f.189uH5FH*HI<@
H5wPH;HIF@=I$HxLHHILHLHH)H)H?.@uHLLL~V[]A\A]A^9QH5P8:HIF@AoAoD@AoD$ @
IT$0HP0HLy@
iHLyyY@H
IAHA
n1UH
ARA
nH5yL'1@HLeuAUATIUSH5FHHH((H_
IPH5?99HHID$@A9H
p?@uHLLLTH[]A\A] 9HHID$@ HhtH5WH<@ID$@H5Ly&H1[]A\A]fHLs[C#HL@Cew;H
9AHA
lH1[]A\A]fH
 ARA

lWf.88HHID$@t8Hl#K7HLffff.AWAVIAUATUSH1H8H\$ HL$(HT$HuH8[]A\A]A^A_HcT$H1A`HHHpHHD$
pHL$(AD$HELt$ HD Mt7A
A?AA t1A8D9AAH
f
rk1HD$_D$H8[]A\A]A^A_HL$(HD$ D$HtHEE1E1D Ht$11i|$@A;w@H5)FH%HI>EA
H5PL+6HIG@>IHxLHHDILHLHH)H)DAHA?,A@uHL(LDHPAA9NH5FP8w5HIG@AoAoF@AoF @
IV0HP0HLkfA
kHLs[H
AHA
i1H
ARA
OiH5xyL"1@HLoUSATAUAVAWHd$HLLbLjHjLr H|$
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IHHkIHFIHIHFIHHl$IHFIHHHF HHIHFIHHkIHFIHIHFIHH,$IHF IHHHFHHIHFIHIHFIHIHF IHIIH|$
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L4HHHFHIILL<$IIIHFIHkIIHIIIHIHIHFIHvH,HIH$IHIHIHIHIHkHHH6HHIHIHIH$IH4HIHIHHHHHIIH|$
HLI3I
H!M MIHH3H
H!H IILI3I
H!M MILI3I
H!M LMI3I
I!M O4O<wLIH!I3LIH!I3LHHOHWH_LW
L|$(Lt$0Ll$8Ld$@H\$HHlPHdXfff.USATAUAVAWHd$BH&HBHHfIBIHfIBIHfIBIHf
 IIf1X25519 primitives for x86_64, CRYPTOGAMS by <appro@openssl.org>H'{1vHWHf.HHH=@I HuH=@J
H@Hff.AWAVAUATUSHHHHt$qHHaHHD$(D$H|$(M 9DtH|$(M L`HX.HD$8LH\$
OCH|$HPHHLE'aHHD$E11fH=
L
H=
LM[H=THL
LLHDH=L{HLHL 9
HL Lh.ILBHPHH=
LEIVLIDD$fDH=HT$(HIzHT$H51HtAHiuH51Lt%H5'11Lf.H
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LH5b1LXZ1HH[]A\A]A^A_@1LLvfDHt$ H|HL8Ly`QHD$8HHIH
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CA=&_HH1[]A\A]A^A_t'Hh@HtKLHD LxH
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HCpHDAHMLLH[]A\A]A^A_fH
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Ax&E1]DH
yA&E1]{g
tu M[
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KAb&Am[LH

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H
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A&Q+f.H5_L\HI@H{PH46 R5{@LLoHf@H88u H5A1L DH;11<HHs@H;HHCCk u,Hs8H;wHHCH=Ao$H)D$
AoD$)D$0AoD$
)D$@AoD$0)D$PAoD$@)D$`AoD$P)D$pAoD$`)$AoD$p)$Ao$)$Ao$)$Ao$)$Ao$)$HUHuH}H$
LEHHs(LS5C0YLG{0PH
Ag&O4|s IP#5 H5|L/SHf.H
IAaA&1OH5!LeH

AfA&NH;HCHCH
HA&NLH;HCHCAH
HAm&YNfoD$ AfoD0ADfoD@AD$
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e6 HH5[fffff.1ffff.SZHH5(HHH5HttH5}HEtaH5HBtNH5H?t;H>t*H5=H;tHH [!MH[[H`&>Ht
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H

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DHLH=QHNLH9u
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1I<$uG BH(H[]A\A]fut+ ?@uHUu)DH}Dn
HHu1@H9]mH]H}Ht1>H]DDHHH4HTtH5HHH=@T@Hyt AWAVAUATIUSI1H(HD$|$H$L- 9}TL/
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9AYe&g
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)@uH[]A\A]A^A_fH=1@5 H=?@t#H?@H= @HH=H;uH=@{5 H=@O5 H=7<@t&H.<@fDH=@HHH;uH=@35
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H(H5rhH(H0H5B8H0fffff.fffff.AUATUSH1HD rtSH5H=@H) t<>@t2H=g@n)
HHtHt0DeHH[]A\A]fDH1H[]A\A]H=@H-) tH5RHHIvt)H=@L(
t1LqbfA@ADA@AHADALAH_APALATAPAXATA\AX[A`A\AdA`AhAdAlAhWApAlAtApAxAtA|AxuZH5xA
|!L`H=
@1"' IH5?5I3I8H5
I8I0H5I0DI(H5I(I H5I IH5zpIIH5RHI@IH5*
IIH5IIH5~I}IH5~I<IH5~IIH5b~XIIH5:~0IyIH5~I8IH5}IAVAUIATUASEHH@DNDAAA)D;DD@tdAMcJA ND
MIx@@Du=B@H[]A\A]A^@AQ)DDIH5|HDHDLc@JSH@HD@HC@H'HDCHCHHLHCHCPHQPLCHCXH
TPCHC`H{XTCHChH\XCHCpH`\CHCxH:d`C HH
hdCHH^lhC(HH(plC,HH,tpC0HH0xtC4HH4|xC8HH8uD|C<HHH<D[DH8H5xH8H0H5xH02H(H5rxhH(H
H5Bx8H
VHH5xHHH5wHzHH5wHHH5wxHHH5RwHH3HH5"wHHH5vH]HH5vHHH5vHHH5bvXHHH52v(HHH5vHG
AWAVIAUATIUSHIHHH@AD9HcH4)HcLA@L<HIG@DIG@t$MtIHHUAUMIH8MI$ti@A]@H4H@HA@H
HAN@1H[]A\A]A^A_A@
A@DHH5YtOHc@DHHCfDDA@uhH4H@HA@H;fDH=MI<$&AHH5sHcD@HH^fDIH5bs7HD$L$OIHD$L$f

DH=H}AESHH@D9HcH<u8)HcLAHD@H[f.@uWH<H4@HF@HqN@aDH1[HH51rHD$"HD$Hc@DHHe@DA
@u@H4H<@HG@HfDHH5qHDHDHcD@HH|@SHVH@D9HcH<u0)HcH<HD@H[@u_H<H4@HF@HqN@
iDH1[HH5pHDrHDHc@DHH]@D@uAH<H4@HF@HHH5oHDHDHcD@HH{@AUATIUSHHHH@DA9H
cH4ua)HcH<HHHB@t$MtHHUHUA$H[]A\A]@u_H4H@HA@HJAN@7@H1[]A\A]HH5nHc@DHHgfDD@uA
HH4@HF@HHH5nHcD@HHfH=H}A$AUATIUSHHHH@DA9HcH4ua)HcH4HHHB@t$MtHHUHUA$H[]A\A]
@u_H4H@HA@HJAN@7@H1[]A\A]HH5lHc@DHHgfDD@uAH4H@HA@HHH5lHcD@HHfH=H}A$ATUSH
HH@D9HcH4ub)HcLA&H,HE@DHE@A$@A$@H[]A\@@H4H@HA@HHN@3fH1[]A\DHH5j7HDHHD
EfDHH5YjOHc@DHH+fDDA$@u?H4H@HA@HWDHH5iHcD@HHAVAUATUISHHHH@AD9HcH4)HcL4A
HL,HIE@DIE@t$MtIHHUA$A@A@H[]A\A]A^@H4H@HA@HHAN@H1[]A\A]A^IH5Rh7HD$CIHD$KfDHH
5hHc@DHH3fDDA@u@H4H@HA@H3fDHH5gHcD@HHH=KH}A$WAWAVIAUATIUSHIH!HH@DA9HcH
4)HcH<HHHB@t$MtHHHuAuMt#HH#MI$t
@AH[]A\A]A^A_@ugH4H@HA@HJAN@ @H1[]A\A]A^A_HH5eHc@DHH_fDD@uaHH4@HF@HdH=-
MI<$AHH51e'HcD@HHefDH=H}AEPAWAVIAUATIUSHIHHH@DA9HcH4)HcH4HHHB@t$MtHHHuAuMt#
HH#MI$t
@AH[]A\A]A^A_@ugH4H@HA@HJAN@
@H1[]A\A]A^A_HH5cwHc@DHH_fDD@uaH4H@HA@HdH=MI<$AHH5bHcD@HHefDH=H}AEPATUHSt1
HD
BRu1[]A\H5H=w@ to@tH=w@ H=w@HEH tD#fffff.HtHH=w@ fDSH5H=qw@< t
4o@u[H=Aw@ @H=/w@Cr@
[DAUATIUSAH[Ht#Hc@H,@u"LD@H[]A\A]HH5a4HDHDff.AWAVRAUATAUSQHHt$H5`HEIAP11HL$/
w
HAHL$HAHPHQL8MLD9~*sHS``LDcHcHIIcLLHhA9sHt;Hc@H,@uOL@H[]A\A]A^A_fDjHLH5_[]A\A]A^A
_fDHH5_4HDHDL=
BbHHt$(HT$0HL$8LD$@LL$Ht7)D$P)L$`)T$p)$)$)$)$)HHtHDHD$ DD0HD$Hfff.HH1HtHc@9Dt
HUSHHDH@9Hc[HH@HB@HPN9@tOHcuT@tHH5]Hc@DHHhH1[]H[]fffff.HwH1Htb@DDD9tPHcu8At^Q<u
<AtHQ8u~D9tHctHfD1VII)VHcH)L~L9wtAHtHcfDfSHt{Hc@! <[Hu1H@[tttttt-tt ttt@tt>sQfY7,LZ?I20J% <m
?KYHHHUHAWAVAUATLSLLLHHHHH
HHHLLLLHHHHHZLLHP1>NHHHH!%tHHDHVHDHHHH)ZY%He[A\A]A^A_]HmLLHHZPHP1MHHHH!%t
H@f.HH=&1S1xHt#H=HHH[(~[USHHHtHH[]HH1[]AWAVAUATIUSHH$~HIMHHH~A|$AD$=E4$AD9A)E<
@A9AD$D=AD$A;$
E)E~uHDHIt(kAH\
f.E1HD[]A\A]A^A_I|$
ADIAD$4Y$MIt~$E1=ADNHDt$}AD$AA)D;4$Dt$McsHcEDIt1A|9@<rAD$LLDAATII|$([=AA$LD$
A;DbADPf.I|$
DDIt(LL&XE4$AE;t$LcD$EMEAD$~i15DA9gA)AD$=AD$7A;$E~0HDHIt(^H$O$EDDL$)$$I$8AD$z<$I|$(
LdRDZ=AA$aA;D$H5UH=OV=DH5UH=Vi
H5UH=JVkH5iUH=VlH5QUH=UH59UH=VH5!UH=VEALIs0ufL$tAUA$uDADAxIUILHIT$ILHLH)H)
HAUATALLH5`TH=TT$ALfLmH54TH=TH5TH=}TH5TH=U{H5SH=TasH5SH=S_[H5SH=T`CH5SH==T+H
5SH=SAWAVAAUATIUSHIHxHHHtQHItIAUAA
ALLDHL[]A\A]A^A_1H[]A\A]A^A_A
tb|KAeuHxLLeLHHDHDfDKUH[]A\A]A^A_S9)S@LL
:SL{(9t11HxLS9uH&xtASHLVHC1fHfCH{
RH{ HCLUST@HCLHCLUC9|U)HcTLL
,fLLLL
H{ RuH5PH=QH5PH=|Qjf.USHHHH<HHH[]ifHt[USHH
vH1Ht6H} QH5kPgH1Hu1HuH[]fD1ffff.USH5PHI
HHtLHHHCvPHHC t]HHRuHeuH[]fH
OAJA/H1[]fDH5OHRH1[]AWAVAUATUSHXHH|$H4$T$HtHHHHD$ HHu}EHcM9

t$)9ND$0= Hc\$0L4$Ht
(LHID}H)\$D;}H$D}uHEt$~MD$8H|$vD$0L$8EL$0HX[]A\A]A^A_H|$JD$0D$0HX[]A\A]A^A_H} EHEE
TET$~E~D$0LD$8LHD$<HDLHD(HcEH|$
H)StAhED]ADeE!A}H|$Lu(msELLADWA~AGH=[E9tE)McLJ=IcDe]]D$H<$L9NLcL\$09]]uHE)\$L$$D$0] H}
ELHLRE]E]uH|$arDUEAD$LADDd4MILIDH@AD$IAE)H9AHEE){
uET$EuI|$ HT$(It$(ALDT$E)L\$QL\$DTDLLI|$ EED$EAnQE)H9IrLDd$4E9D$LM9L9L)ISI9HI9
|$<S9z'AlACNAC0AC :AC
NAC0ACAC
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ACT$<A1A)MHE1AAo)HA9wDD9tHAH9]fDE@H|$
1oEDeDd$8E1hDEj@LDd$4M9LEL)A)EEHI9ICI9RAHL$<AWA9v(ABAC9ACAC AC
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ACAE1A)I4HE1A@o)HA9wDAA9t#Mcf.CBIE9L\$LEL\$xAGH=t-LDd$4H}
ED$8`AHHEADd$8AO1H@AHH9u<AAAAAAS1HAHH9umAcA XAMA
BA7A
,A!vl b
XNDH5DH=FtH5DH=nE\

HIS?USHH
}HtHH[]HyH1[]AWAVAUATAUSHIHiHI|MttHHtlHjAWE7A)EffDAWA)EAW~NHcHIt0DnHD$}D$H[]A\A]A
^A_1H[]A\A]A^A_MtE~IG0AGDlHDD$AIHt$LL=DNEn[D)t$McE7MAGE~[1A)AGEAG~@HDHIt0nHD$|D
$D)A9D$E(fDD$IEH|DHD$hAGD$ff.AWAVAAUATIUSHIHgHHzH-AI~NAe&AqdA7HCHI$gAA
vHC0AHD$C9u;CH{Ht$HCC]HHC~gC9t11H"yHLf.AuzH{HHCskH{E1111A^FfD1H[]A\A]A^A_A
u"+CHHLL
fLLDHL[]A\A]A^A_tHcCf.L8fHMHHEsHsHcHH^LHD$
fHD$B+CHH2LL
iSLLIH#fLLeLsHHDzHDfLLLLHt[USHH=eH1Ht;H}LH3AcPH{1Hd1H
eH[]1ffff.USH5@HDPH{Ht\HTLHHCt{HPHHCCHC HC(sdHdH[]f.H
i@AEAOH1[]fDH59@HKxH1[]AWAVAUATUSHHHH|$TIHcLIvMHD$.H%AE1~>IcVH)It09NLcLLD)GAFM
DA;AFuII~gED$$AFHD$<IN HD$(IF(H9H)AI~AALENM~0EELU(IN AMcAFLIN
?9OA7HcHLHHL$ENHL$EnD)HAVIN IF(H96IPH|$Iv Iv(|cAHIF(IN
I~AD+l$$HT$(EHE9ENTHcT$<E)AH)EIN McI~LIN
fH|$1bAFfE1HHD[]A\A]A^A_?H\$HaHuEuEfH|$auYE~I~M~0LLWAFAFASf.IF(IF
tH|$E1qaOEuE_H\$HMaHEu#H9J?AWAVIAUATEUSIHHH$`HHH)aHIIcE1HD$ILHAH~WHJ`H}L$1ELLXt.L
D$LHAAH[]A\A]A^A_1H[]A\A]A^A_H_H}L$1ELLWUSHHrHtHH[]HxoH1[]USHH
H1HtHK_HH
_H[]@AWAVAUATIUSHIH_HIronI~9xt`pLLHL[]A\A]A^A_metRuH^EH1[]A\A]A^A_@H^tLHQ^<f.H^LLeLl
HHDrHDH[]A\A]A^A_H
^kII$f.M4$H]H[]A\A]A^A_L]LH#H]hfD1LL#HHJHHD$f]HD$.@I61LHHLLYUSHH]H19Z~H[]DHT$HH!~

L$H[]Ht3SH\HJH1\H1\[1DAUATUSHHtyHIt\HIyoMt\HtWLH]Hh\t~HcLL
~5H\HpH[]A\A]@1H[]A\A]@HAVAUATUSt6~2HI[HInMItHuH[MuM1[]A\A]A^LHaH[t'~#HcLL
uH[1H[Ho[]A\A]A^fffff.H E?USHH nHtHH[]HjH1[]AWAVIAUATIUSHHZHImI;)@~fIcD$
H[]A\A]A^A_e?opHwZH1[]A\A]A^A_fDHIIDIDIDLID$ ID$0LHL[]A\A]A^A_#hI|$(1LqjHYf
uAL$0tI$I+D$HLLfDAT$0At$ LLUfDHYLLLehgHHmHH[]A\A]A^A_f
LbfHXHH@(HH$eHmcHH<$Hs<D$HQHS;HK8HHK9HHK:tHH<$1Ht8u1HX1DI|$(&eIEHcD$C0HAD$0HI$ID
ID LLfff.Ht[USHHWHx(HQH3HnH1WH1WH[]1ffff.USH53HHmHtD@ @4HHHC(tUH13WHHWH[]@H
A3AAH1[]fDH53HkH1[]ff.AWAVAUATUSHxH IHVLIiMHD$HLVD$zHD$0MHD$ AF
\TAV0ItGIVH)It89OLcLLD)D|$M~M;>M~IH|$)It8VHIAF40`LUIH@(HHD$\bH$`Eo8LcAEOTM9!H|$Iw<LLT$
(LDHt H|$1trLD$Ht$
IEK|/<HD$L!aILT$(IGAG0IGHD$MWI@H|$1LL$gL"ULUDD$D$Hx[]A\A]A^A_DLhTIH@(HHD$4aHHD$^H|
$LcJaIIA+GCT-
Ht$9VAF4uDIVIFIFH9tKH)It8I~8IAF0f.LCTL;h.fDIIGLL$LIt8L7MIt=8DPPp1DAHI9wEAyAqAQMoH|$H5/4q
Ht$
H|$1XIOHt$ LI|8HLHLIMouQIAG4HL)I9tKt/8I8HHLHLIIG}AG SAG
`fffff.AWAVAAUATUSH(Ht$HHRHIMeMIaHXH@RHAv4\$H{RIIFAN0AA)%E/HAV0IFE)IFEIt8DLWAHfH
RuAF H(D[]A\A]A^A_@HXQIH@(HHD$$^HHD$[H|$Lc:^ICD-
Ht$HIH=H|$1LLtLLDL&HRQfE1RIH9AF0uIIFH|$tLc|$ILH=vp))LcLLlI|8LLMILl$LH=IwBD$.HAPHdfD$
fDHOLh(IL\HZID$Iw<LHQHAW;HAG8HHAG9HHAG:5tI1LIt8?u"HE1OHOHcD$AG0IILL$LI|8LMMO\8tDC|
8EK1ASAsADADEHI9wGL8A{AsASM/H|$H5L+4bIH|$1It8fM/IG0fffff.H8?H7HyZHry]HeyHXyHKyH>yH1yH
$yoHyH
y%HxH*H=*%=H|*H=*
=hHxH;vH="v<H#vH=8<HxHvxH
H=&<H*H=*<H9xH,xH)H=)T<H)H=)<<HwH)H=)<H)H=);HwH)H=);HwHwHswHfwHYwHLwH?wHf)H=h)g
;HN)H=U)O;zHwMHvPHv#HvH)H=);H(H=WG:!HvY!Hv\!Hv_!Hwvr!HjvH(H=(:H(H=(z:H-v
H v
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Hu
HuHjH=x:HjH=%(9HjH=(9H(H=(9H(H=(9oHguBHZuEHMuH@uH'H='h9H'H='P9H'H='89#HtHtHtHtHb'H=e'8H
J'H=R'8H2'H=?'8H'H=0'8FHWtEHJtEFH=tXFH0tkFH#tEHtqFH
tDHHsIHsHHsHHsIHsH&H=&7IHsHv&H={&7H^&H=j&7FHfsEHYs4FHLsGFH?sZFH2sEH%s`FHssGHsHHr
GHr<HHrH%H=%7GHHrH%H=%6H%H=%6
FHrEHur0FHhrCFH[rVFHNrEHAr\FH4rFH'rHHrFH
r(GHr[GHqH
%H=%6fGHqH$H=$5H$H=$5qHqqHqoHwqHjqH]qhHPqkHCqH6q1H)qTHqGHqjHqHpH4$H=:$5H$H=*$5@H
pHpHpyHpHpHwpHjpH]pHPpH#H=#x4H#H=#`4HpHpHoHoHo*Ho}Ho@HocHoH$#H=*#3H#H=#3&Hno
Hao,HTo/HGo2H:oH-oH"H="U3H"H="=3HnHnHn!Hn$HnHnHn"H=x"2HV"H=l"2
HrnHenHXnHKnH>nH1nH"H=#"Y2H"H="A2Hm_HmHmUHmXHHmHYHmzYHmH^H=!1\HmaHmH$fH=s!1
Hl!H=n!p1K\Hm\HvmHfH=G!>1HeH=6!&1`H9m`H,m`Hm`Hm}`Hm`Hl#lHlHlYHlHl/cHl2cHl5cHl8cHl;cHl>cH
HrlATUSH5S
AXWHt D hX[]A\fff.SHWw?Ht3ooC@oC @ oC0@0oC@@@HSPHPP[DH5(?Uffffff.wHwfDw0HwfDHw
fDHw(fDHw8fDHw@fDHwHfDHGff.HG ff.HG(ff.HG8ff.HG@ff.HGHHSHHHtKHx8tLu
HHP8HHt%@DtH{tHjLtVfDHSLtH{UH0[fH{
Df.HH{H2!HcpDUfH530Tf.SHHH59[2SfAUATIUSHHHKH{HHHH9ETMxLTAuLHHLcHH9HtHcpDUCH+Hc}
DdH{ HE1I&nE1tfHD[]A\A]@H9H
AsE1+fHH;tH{ HtCu[H+HEHH[]A\A]H
YAXPf.H{ HA.}(~HIHCH{H{RHCfDHE H5HC(WRHHC H

AAE1H
iAdE1LRUffffff.USHHH/HHH[]1,fff.Htg(f.ATUSHx@MHHP(HAHtPUHP8HtHHNHHHcpDH{D[]A\H5H=fffff.
USHHrHXH[]ffffff.USHH@tiHw`1HHPHtLHHHP(HHP8HtHHGHHcpDH{H[]H
A1H[]fff.ATUSHHHHHHH~HtOHEE1H9H?oEHoECoE
C FHCH}HC t$HHcPDtMLcHuLH} HE(HHC(tgHHC HH@0HHHH[]A\f.H
yAon1H[]A\@HLcEf.H
)A&nDDDH1@H5Hc\MHIHCtHHcPD@YH
AAn11fffff.USHHHHHH[]fffff.AWAVIAUATIUSILLHHT$
I1Mt1LDHHL$u(1LD$D$H[]A\A]A^A_LLLtHt$LLfff.L1Mt&M@HMtHAHfATUSI;Ht*HH[]A\fLh;HHHtH9t[1]
A\DHHHtHH9uHH@fAWAVIAUATIUSIHH:LHHMt?:HD$n=DL$IHLLLAH[]A\A]A^A_K:LHu%(=MIHLLLg
=MIHLLLef.AWAVAAUATIUSIHH:MHuHuH[]A\A]A^A_HH?H@tEH?HEL<4HH%H?L=o?HLx<LAm<HB4H
cHLHM/HLH;AoE<4HHL=?L^fDH?
fff.AVAUAATUHSI8HIO8Hg8HCHO?w E@uNi;4LL'H8?I$1I$xL[]A\A]A^;4LLH)?I$1uHc?H
Ag
1[]A\A]A^f@uJ:4LL#H?I$1<fH?'@t{V:4LLDH?I$I$@:4LLH?I$Hc?I$fD94LLYH?I$Hk?I$qfDAWAVAUATIUS
HHIHA6HA&9HIk6EMHLLHd[H[]A\A]A^A_AVAUIATUISA*6LH5H5LCwEtW84HLdH?Ht]HxW[]A\A]A^D8
4HLdH?H1u@H?HyH
zA&p1[]A\A]A^H?AWAVAAUATIUSIHH5MHuHuH[]A\A]A^A_HEL74HH$cH5?L=?HH?HL7LA~7HB4HcH;
cLHMPHLH6AoE,74HHbL=
?Hs?LHWAWAVIAUATIUSHHHA3HLc3M9w2IM)LHLHLLAHL)I9sH[]A\A]A^A_ff.AWAVIAUATIUSHIHA
3HH6LHD$5HIHAWLLLLL$t$H5H([]A\A]A^A_@AWAVIAUATIUSHH(HT$2HH5LHD$a2HAF5ATAWIH|$
HLLL$,LGt$,HK5H8[]A\A]A^A_AWAVIAUATUSHHHHHT$
HL$*2 HI*;RHI9HHD$Ld$ H<HH<HD$(HHD$HD$<HD$H4MHD$<e1HAJ4AWAVILL$
LHLHt$LHJ4HY^HIH;l$uHHT$(H!D$HT$
H|$uHH[]A\A]A^A_fH3MHD$<0HA3HT$AVIATLLL$LHH|$0H%t$LH3XZDH3MHD$<e0HAJ3AVATILHT$(
LL$L@AWAVIAUATIUSHH(HT$_0HH$3LHD$0HA2ATAWIH|$HLLL$,Lt$,H2H8[]A\A]A^A_AWAVIAUAT
IUSHIH(2HD$/LHMt^Hn2HHD$Q2ATIHLLLHD$$PLL$0Y^t$HR2H([]A\A]A^A_fDLH
2HHD$1ATILHLLHD$$PLL$XZAVAUIATUISHc./H0
IHcH@EEAAuIcHcLH)IapIcIIAIEII(@MAAI[]A\A]A^EwAE|@1[]A\A]A^D~A)~IHcLHoE]EAAuDEEtEEtIcIIIc
?97HHH)ILnIcIHtHxHtHt|HtnHt`HtRHLD:;f
I$IU8AT$AU@AT$AUDA
AECffvAMPu_PAUDAEC8wA9jII(L9tH5#;H5Hc<HIAH
A1DEAEAIE8@@AU8@A$D(fAD,rL8+HIHtL9(HI(M9ttIcH5w$;HH#IcIHl@fDAI(LcIE8sn@+tA$@AU8DA%
DIcILkAD1I$I@IUIILHLL)I)r1I49It
rkAxIU8I$HLILIT$HI)DL)1H<09H<2rAI)H1LA$AU8ALLAU8A$D(AD,DALfLAUATIUS1H(HtEHHLLo+I9tH
H5
8H[]A\A]DAWAVIAUATIUSHHHq(DEIrMML!ULMHHvHv?I9]LLLgH[]A\A]A^A_fDH'M9IH}LHAAH[]A\A]
A^A_@EeIcxrHu8Iu^AH[]A\A]A^A_@MHx?HI9u
HLLLP[fDIcHE8MHLHD$uIIHMMwHv
L;?LLHLHl$LHNI4HmfDHLLj"Hu8IAA1KfDMHv
L;?LHLLI4LCfLLLzfHLLLWCIH?I9hApLLLHlII4,I</HM@MH)
PHHI8MH)IIfDIHv?I9hApLLLHII4,I</HM@MH)OHHI8MH)II!HLLLuw}HLLLgYH?I9htGLHL5?*H?I9htzLLH
L?@HLx111LIM@MHLLNHI8MH)II111LHIM@MHLLYNHI8MH)II4AUATIUSHIH"HHuMuH[]A\A]MAuhH
T?LHL@u^9wHJ?HLHHtaHcHLeH[]A\A]vH?HL9Hb?HHutHHtfDHct7HHH[]A\A]@HHAcffffff.AUATIUSHIH
H!HHuMuH[]A\A]ML$4LHLOH?HL,H]?HHHcHLH[]A\A]Hcu7HHHbH[]A\A]@HHqqHHa@DAWAVIAUATI
USHIHH1Ht"HtMMuIw1H[]A\A]A^A_LHMt9L"HILLLLAH[]A\A]A^A_#HA"HEMLLHpAVAUAATUISH?HI
HcH@D)AAEv1[]A\A]A^fE[]A\A]A^A
uHj!I$HHAT$PAT$PA

?!@H.!@ fzHXuA9Y)H HfP XA1fAAAA[]A\A]A^DLIHHHL9HHHPAIIcLiHzIA\fDAJAE=HtUM(EA
HA$fDfDMtAHhAs2AuxEtA$AzDALfLgI$HDILHLHPHH)I)D31I<49H<2rA$DALLffff.AWAVIAUATIUSIHH(
DEHMu1MtH([]A\A]A^A_DMLRH:uu@+HHcHTHTLHLPL[HLPLLLLKMRY5HM9HLHcHI9HYH9I$HHP+
HHcI)HTHTLHLeKpHcHIIHTHTHLaLHLPLLLLurM`HcH\$LHeHHcK44HH(D[]A\A]A^A_f.MgbXHcKt5
LeHtH([]BD0A\A]A^A_fM'uMuKLLLZKH(D[]A\A]A^A_HHI$K@LLH([]A\A]A^A_fM^tIHcLd$LLdHt-
LcH.LHLuADuLL5HrfD+R2KAD+HLHLMcLHD
DQf{KAVAUIATUHSIzHHuMu[]A\A]A^MteH?LL@34HLkL?HLGHPHxAD+LHHMcLX[]A\A]A^4HLYL?cA
VAUAATUHSIIWHHuMu[]A\A]A^@MtYL+4HLDHL?HFEubH?HPHtAD+LpHHMcLW[]A\A]A^H?AUATIUS
HHHhHIuMuH[]A\A]Mt;HHut/4LLlHuIHtH+HAIcHHVHIH[]A\A]4LLyiAWAVAUATIUSHIHHHIA1Mt"HtHt#
At%@tH[]A\A]A^A_HwLL#uWMHAIuiL
?ILLLAHtH[]A\A]A^A_DH
AjH1[]A\A]A^A_fDL
q|?ILLLxfD+ItPL
A|?ILLL(bEAuHHEL
?ILLLAVAUAATUISHHIHcH@ME9"[1]A\A]A^HIHAAII[]A\A]A^L8[IHH]A\A]A^HAEaEDE9AH1IIcLSkZfD
AE9DH8IIcL.S@HGHHAWAVAUATIUSHIHH(+IHMHcHMLIH4$RIc>)H<$H9#HHHL$SRHL$IHD$H)HMLL
H4$I@;[IIAAD$L9uRMH([]A\A]A^A_DMIc>HH$,I1D$AL9tIIM)MHDLLLULL$XH|$LLHuLLLLD)MMA
DvAt
H4tTHfTDE
1Ic~,II$$AL$~$IcII!A$pfDHH5PA.1ULIIIcLH+tOIcAA8II$S@fDH4$HtIAAL9IDM)H|$LHLL$yLL$f.H
yAod12H|$LLHLL$LL$.fDfDfDHH4$HDHTHTHVHHH)H)A1L;9L:reD_H4$TTAfAWAVAUATIUSIHH4MHu
HuH[]A\A]A^A_HHw?LLL@4HH`L4LHDcL~?H
t?E1LHLt+MHcHcLLOH1[]A\A]A^A_DK4HH tL14LHtE1Lw?H
>x?ffHct7HcHLH[]A\A]A^A_HLyLtLMH[]A\A]A^A_@AWAVAAUATIUSIHH1
MHuHuH[]A\A]A^A_HLL4HH8L4LH<8EL
u?HL6{?H
s?LHHt+MHcHcLHSH1[]A\A]A^A_fHcu?HLKH[]A\A]A^A_fL
1{?H@HcHLH[]A\A]A^A_tLMt DAVAUIATUISHHHH9w'H(HA]EHHLL
[]A\A]A^ff.Hs?HB<@H<HDfHs?Hb<@H<HDfHs?H<@H<HDfHs?H<@H<HDfHys?H<@H<HDfHYs?H<@H7
<HDfH9s?H<@HW<HDfHs?H"<@Hw<HDfHr?HB<@H<HDfHr?Hb<@H<HDfHr?H<@H<HDfHr?H<@H<HD
fHyr?H<@H<HDfHYr?H<@H7<HDfH9r?H<@HW<HDfHr?H"<@Hw<HDfHq?HB<@H<HDfHq?Hb<@H<HDf
Hq?H<@H<HDfHq?H<@H<HDfHyq?H<@H<HDfHYq?H<@H7<HDfH9q?H<@HW<HDfHq?H"<@Hw<HDfH
p?HB<@H<HDfHp?Hb<@H<HDfHp?H<@H<HDfHp?H<@H<HDfHyp?H<@H<HDfHI<H<Hi<H<H<H<Ho?H
B<@H<HDfHo?Hb<@H<HDfHo?H<@H<HDAWAVEAUATIUSHIE1HHt$hB4H$DD$4t$DHHD$
?)
AOH$DHAHX D|$)9L$
H|htfo$L$L$@HOF$G|HH$X2Hfo$ILLhH$pAfo$)HfoHHHHpHH$Afo$$HfoHHHHHHAf
o$)$AHfoHHHHHHAfo$$HfoHHHHHHAfo$)$
HfoHHH0HHH8Afo$$HtFHH8fo$H$HXH`@fo$)$pLDLIPHt$
DLLTHDD(LHH\$pHl$xJMMnD$0DHLXILL\$`D$8D$@D$HHD$PH1f.ID+T$`L$9T$T$(DL$X HDx
WT$0hH3WT$8W<T$@W\T$HW|LIHHT$PPI4oH3@
oB@oB@-DZfDX=DZDX?I4I6L5LAD5HL;T$X=H\$pT$4LHl$xH1D$D|$D9DFA3AA L$H$$ PH4H$$
xHH$$(H H$$8 H0H$$H H@t|H$$X HPtQH$$h $@H$`t&H$$x hHpAGA
Ld$8EfoD$0Dd$A)H$@Dl$(Dl$4HD$@A DLH)D$/DHH|$@EfoD^H$ fo$@$ $ Hf$ HHH$H)$@P
oH$$xX(HHHHpohfhoH)HHH$
Hfof)$$ $$8 $oH$$HAHH0Hof$o)$H$$ fo$$ $ Hf$H H$H$@H$)$$$X oH$$$$h HHHPHofoH)$
HAHH`H$8fo$0f)0@o$HuoH$$ HXx
hHHHpH`oH)$pH$`D;|$(aD$0Ld$8D$0fDH\$HLd$(LT$4H|$@HJH|$

KH>HL[]A\A]A^A_ft$A?V9)|$D$@H$@D$0HD$@T$4HL|+H|$
1HD$rH\$HHlPD+D$0E1E1LLD$8*DBD<BD+J+AID9|$D;|$Bt-DtDd8DEtHD A)Jt-
JG4HLMLL$(9H$HLL$(DH|$ HHABhA7ZBD|BD+UIH\$HT$4LHl$PHT*H|$ 1D\$X`DdHLT$ T\$C
$C@$C`$$;As
K@S`D$$L$$DCADDCADDCDAD$DCdAD$DAD$MA{s$KDSdD$<L$$fDCADDC(AD$DCHAD$DCh
ADDADMA{s(KHShDL
$(DC$AD$DC,AD$DCLAD$DClAD$DAD$MA{s,KLSlD$<L$0$8>DCADDC0AD$DCPAD$DCpADDAD
MA{s0KPSpDL@HDCAD$DC4AD$DCTAD$DCtAD$DAD$MA{s4KTStD$<LPXDCADDC8AD$DC
XAD$DCxAD$DAD$MA{s8KXSxD$L$`$h$<HD$
DC$AH{D${<H$ps<$s\$xK\$K|S|DT$4LHAE1%D+l$0HH\$HL|$@Ld$(IDl$8E1DIH\$hf.;lDdDEd$II7D+T
0^4IGEDAU1IAD$HAU
HPAU@PAU`PAPDH@x9vA|$8AI(IA8@3AAWAP@sAsSAPHT$(9l$@sGHL$T$4HL$LADD|$D9DFA3AA
T$4H$H$H|$ 1HH$@HD$@D|$4LHE1D#H|$
1DLHH#AUATAUSHIHEHH4HLBHoHooo$o4oDTdtH[]A\A]4HL2fAWAVIAUATIUSAHXsHHHcHAAAD
HX[]A\A]A^A_@A
A^LIfDIHAF ff=
vfeADEfAFoLooo$o4oDH3
LLAD$$D)fA@H\$LMc)D$)D$)D$0)D$@wLPHMA?M)XMtLLL]LHBfoLfoL$f)L$foL$ f)L$
foL$0ffD$@)L$0)D$@PHkA@HLMI)I@MGM)LN4+MA?M)6MtLLLfoLTfoL$Lf)L$foL$ f)L$
foL$0ffD$@)L$0)D$@pHQA@HLMI)I@MGM)LN<3MA?!M)qMtLLLH@HX[]A\A]A^A_@AIFLD`efAM~AG
ff=fEfAAH$X?@
EAEAAnEFINHIVI6AEHX[]A\A]A^A_fDHX[]A\A]A^A_@1.1IA@E1LLD$$MSr1Dlhlhlf1IA@E1LLL$$Mq
1L$$ugfLLH,DEnAAEA^F$AoLooo$o4oDH@
LH)LHL$H
L$HGHGHL$L$H)D)9sHAt$?9s D)DEfHXD8[)]A\A]A^A_f.
HLL@
LH)LH
HGHHH)IA@LLI)M9MGLMM)\IH AV(AVH
,I@LLLHMoL1IHDDaSAAILLBHHLLBHHAWAVAUATIUSHIHHt$,LHDHHHD$t1H[]A\A]A^A_LpI
B;B; H$vLIHEAoEHD$LI+LIE1Lt$HHLoEAL.oH)H|$ At$H)A11D 1A!A1H
AEt$@I)LF;HB;ooo$o4oDHt+A@HHL$ I)M9MFLM)HL$ LMMA?M)(MHEH=?HD$(tHHl$fHD$
HE)EFHD$(AH2L)MDl$\IHD$ILd$PMDT$8J IC7M~I8L!HLH8L H%H @3trIIM9DA@E)IIG$HH9A
IKMMAHIDHt H|$IH?ID$8LT$0D! zkIFLT$0IH?L!! U! U! U!# U EM9H 1MLE1IHt$I9LHt$vLH)H|$
HHH|$LL)HtBA@LLI)HL$0LL$ L9LFLLD$(LD$(LL$
HL$0ML)H?H)HtHLLI9;L;l$tHD$H|$LItH)j%HD$LN,8LoTodotoooHuqLL1LLIu)H9vH|$HU@L)LH|$HH+T$IA
HH@ALH)LLD$(HIGHHL$
LD$(HL$ LIt
H)VIfLdPDl\DT$8Lt$(H?w>@E1HH)@it
@mI@I)LL)LxI?8Ht$
H|$DthoTD!D!uD!D!D#MUED}AED}uMUodotoooHe@AH|$H)HHIGHLHtH)6Ht$HD$HA1HHHD$(DQHL$IL
HL$I)EE)fDA\;DE)AHAD!A2T
D1D!! H L9u#D$@:H|$LHHH|$LHHLT$(HL$ fLT$(HL$
1LLIHDD{mDHTH@H)HHA@L|$H|$I)L9LFLLO<7HL)H?H)IHtH|$HLYHl$H)l$(I)HLt[@LLH)HL$@LT$8I9H
L\$0IFLLHHD(L\$0LD$(LL$HL$@LT$8LML)IHA?L)eMt,LLLHL$0L\$(LTHL0L\$(LT$ID
LL\$0LT$(HD$
HIMt$ HT$ HHt$L|HD$0LT$81L\$@HHHD$ HMHM3OL_AXH|$HH|$t fHLLHHD$0HL$(LL$?dHL$(LL$
1HD$0HIHH@wfDLL|$IE1LHHLL-
Ht)A@LLI)L9LFLML)L|$IA?L)MtHt$LLf.HH|$fHHDHHHH)X1A9Nr@DMLE1f.IDDHt H|DT8L)M)H?!

HD$0bHD$0fDT$8I!HD$ D! MD! MD! MD!D#D }M~ MI?@@
@0L(IHDHtLAHI|H)bGLdPDl\1DT$8Lt$(1L|$HLHLaL1HHD$HHHL|$HSE1]H|$HLHHL$ M-aL1JHHL$
@HLLHHLHLD@L\$8LT$0HD$(LL$`HD$(LL$1LT$0L\$8LD$@HL$HHIHH@D01fL0fHYE?@Ha?HD@H9
E?@Ha?HDAWAVEAUATIUSB4IHIH1Ht8DDD$hHHD$
H$AODHH A\$HD$0D)9L$
t$|$8ILfoHHF0H$AD$$2HHfo$H$HHAfo$)$HfoHHHHHHAfo$$Hfo HHH(HHH0Afo$
)$@AH$fo$0HH$HPH0HH$XAfo$0hHfo$@HH$HxHXHHAfo@)HfoPHHHHHHAfoPtFH
Hfo`H$H$H$@fo$`)ID8H$HHAH\$AELL
HLD<ALHT$0I1MyL$DDD@ADHADPADXAD`ADlADxAHJHDLH\$pAHL$f.I|$<D\$)9L$
L$`D\$D`Hz|$@L$xDh z|$HLxHz<|$PIHI1X3z\|$XH3z||$l|$@x
oA@
oA@oA@-DAH|$fD@=DAH7I1A6A7HL;\$pD@?LHT$hH|$0LL$ LLDDtLL$ D9DFA3AA t$8H$$
H4H$$(H H$$8 H0H$$H $8H$@H$$X $`H$Pt|H$$h $H$`tQH$$x Hpt&H$$ HAnA
Ld$@Dfol$<D|$8DLL$H)H$A\$hHD$PID Ht$H|$0)D$ LLYEfoD$ ^H$$ fo$$ $ Hf$ HHH$)$$$(oH$$$$8
HHH HofoH)HHH$0H$fo$f)$$ $$H $8oH$$HAHH@H$0o$(f(o)@H$$ fo$P$ $ Hf$X
HHPH$X)$P$`$h oH$$$h$x HH$H$`H$oxfxoH$)$HAHHpHfof)$$o$uoH$$ H$$
HHHHoH)HD9dl$<Ld$@LLHED<@H\$MT$hH|$PLOUH|$PvH|$0AvHH[]A\A]A^A_@t$8A?V9c)\$D
$L@H$D$<HD$PH|$0T$hLLL$H}H|$1HD$8LL$HLd$`D$
+D$<1E1Ll$XMD$@2DH|$D<HD$D(L(AHD9t$8D;t$
At,\$L$@E\$HD$)I4,LHD$HD<LLH$IDHHAhA7eHt$D|HD$D(`f.Hl$0T$hHLl$XLd$`H\$HHMH|$1A|EdEhElH
AxH|tHEpEtED$@D$ HHl$`HL$HH<0Hl$@Ll$@Dl$HH|$XLdHLdXHHHDpHPADXSP<DP<SP\DH\C
SP|Dx|{<SSDSDL9SHhThHtAH|$0Ll$@1LdHHl`D+t$<HL$PMH\$MDt$@E1EID;d$ \$E\$I~I6+T$<IFDC
U1ICLU H
PU@PU`PPPPPDH@x9vAL$@AAI(HAAuAAVAPAuAAUAPHT$D9d$8AMAuIH$T$hH|$0HHDDDtLD9
DFA3AA BH|$0T$hH$bH|$1HHHDPH\$0Dt$hL|$HDL)H|$1DLHH1
DAUATAUSHIHHEHH44HLHDoHHooo$o4oDoTdt$4H[]A\A]DS4HL!f.AWAVIAUATAUSIHXsHHHcHAE0
@HX[]A\A]A^A_A
A^LyfDHHAF ff=PvfADEnAFoLooo$o4oD$oT4<H\
LL\AE0D)DfEH\$)D$)D$)D$0)D$@A@LMcL\Ht$A@LLI)M9MGLMM)MA?M)
MLHfoLfoL$f)L$foL$ f)L$
foL$0ffD$@)L$0)D$@\HA@HLMI)I@MGM)LN4+MA?'M)*MtLLLfoLdfoL$Lf)L$foL$ f)L$
foL$0ffD$@)L$0)D$@lHA@HLMI)I@MGM)LN<3MA?}M)eMtLLLaH@lHX[]A\A]A^A_AIFLDhefAM~AG
ff=v}fEfAAvH,0?@
EAEAA}@EFINHIVI6AHX[]A\A]A^A_fDHX[]A\A]A^A_@1fEnAAEwA^F$AoLooo$o4oD$oT4<H@
LH)LHL$H
L$HGHHL$L$H)HhD)9sHAt$?9s D)0D0EfHXD8[)]A\A]A^A_@
LLfDLLHJGD1IA@E1LLD$$Mc1D#f1IA@E1LLL$$M1L$$ f@
LH)LH
HGHHH)IrfLLLDLLLHMCL1IHDDI HPAVXAVHH
\@AAILLBHHLLBHHqfAWAVAUATIUSHHHH$-
LHI<HHHHD$tE1HD[]A\A]A^A_DHT$AaIT$t7IE0HH9uAP)H$L@f.L$1IH
P+?MA<A FyLd$LH)HtBA@LHL$(I)LLD$L9LFLLL$ LL$
LDHL(ML)H?H)HtHLLeI9H$L9tHL$H|$LHH)HK,LHH$%AodAAotAAoAAoAAoAAoA$AoA4A<H~@A
H4$H)LLD$ H IGHHLoLD HLHLH)H4:H<$LE
I}
s)H9vHS@LL)HAFH+\$H|$IALHHnHH<$E1ILHL`IC/LC/M! =1HNT$HNH9IH)HAoLHD$0CIMP)H<$
At$H)A11D 1A!A1AD$!L$<H)HC/OHC/NAAoAAoAAo$AAo4AAoDA$AoTA4A<Ht-@LH)I9HIFHHD$c
HL$II)MA?M)8MtH<$LL4 HCA<H=?HD$xIfH$HD$AH))CAAHD$H

H)IIIHD$0Hl$@Dd$LIMDT$(H(HLIfIHM9DC.MDOI8L!HHH8L H%H A@AuHCT$(Ht$H<$HH?!A 8HD$
IUHD$ IAoH?Ao!M9t$ fnT$ fpfffMfE)M)EE10 @ @Ld$)LM9MM)LHHH|$HtU@LL\$0H)LLT$(H9HL$
LD$HFHHD$3LLLDHL$ L\$0LT$(ML)IA?L)vMt"LLLL\$LT$L\$LTHHL\$
LTJHTHILHT$LMRHT$H|$L\$0ILL\$K<HAAXJY1ALT$H4$H|$AKLt
AA<QDH4$ Lf.L$1DHLLHHD$(HL$ LDoHL
LD$1HD$(HIHHAA@AAAfHAH<IHDHt$LALH)HDA<MHt#@LLH)H9HFHIH)H?H)HtHLLAKDHDdLHl
@DT$(Lt$DH?w:@E1IH)\tI@I)LH)LhI?A8nHt$H<$E8EEAAAAAE!E!AodD!D!D!D!D!E#DKDC{sKSCD+AC
D+AADKDC{sKSAAotAAoAAoAAoAAoA$AoA4A<HA@A H<$I)HI
MGLLJ4+L)H4$HE1D$HHL$0HHHD$DN ILHL$H)A)DE\2D)H!D2E1A!!D HA I9uAAAD#t$<@H
H<$7GfHHDHNHH)19L9ryfDHEDHt$H<DT(L)I)H?!A 8HD$ QHD$ AAfDT$(I!HD$D! 3AD! KAD! sD!A KAD!
sAD! KD!E#D kMn sI?A@@
@0DH<$LLHLD$ML1JHAALD$AApAafH`@H)HHA@Lt$0I)H<$L9LFLLO4.ZHL)IA?L)ILMtH<$LL-
H\$0H)\$H)A<HDdLHl@DT$(Lt$1E1KHLLHI~H1HHAAAAALt$0H:HLLHLL$0L\$(LT$
HLLDHLLDLT$
L\$(LL$0HIHH1AAAAAAE1DH<$HLHLD$MzL1JHAALD$AA\AMDfDff.H?@tCH11jE1E111wZH9?Yt
HHD1HHfD1Hf.HI?@tCH11jE1E111:wZH8?Yt
HHD1HHfD1HAWAVIAUATIUSIHHLc`M9w7M)LfLLHHHLLHL)I9sH[]A\A]A^A_ffff.ATUASHH>HVEHu
%vilHIa4LH#x[]A\H
AIG1[]A\fDHI4LH/@AWAVH?AUATIUSHIIH(H9H@HDHD
DL9wqHI)XHD$<HA!HH$e5?AWHLLLDHLLIIt$,HL9IGMXZuH([]A\A]A^A_fDHHSf.AWAVH?AUATIUSI
HHHH9HT$HI@HHIHt$ H>HL$(HD$H>HLHDHD<IHBHD$<HI[H5?HHLMMLMyt$LHLY^H;luLt(H?L|$
I!HD$HH>HD$IMtRHHD$<HHH5?HH|$
LILL$LLxt$LH~XZHH[]A\A]A^A_ff.{ff.AWAVHAUATIUSHIIH8H9HHD$,HD$HHD$,HAHHD$
HHDHLLD$ud5?AVHLL$(LLI)IIt$<HwL9IGL9Y^w
MhH8[]A\A]A^A_@5"?AVHLL$(LLI)IIt$<HL9IGMXZtL9 HHf.AWAVH?AUATIUSHIIH(H9H@HDHD
DL9wqHI)xHD$\HAAHH$5??AWHLLLDHLLIIt$,H0L9IGMXZuH([]A\A]A^A_fDHHSf.AWAVAUATIUSH
HIHHD$HIHI5?IMLLLHD$HPt$HH([]A\A]A^A_fff.ATUSHtLHHI9tHH5E[]A\ff.AVAUIATULcSHwHIHcH@
AtAnfD1[]A\A]A^DHIHAVIAI[]A\A]A^f.AD$wHuHAAGEtAUA`Ef.AA$AD)IIcLHHUA,AAIcII
EIcpD9gHLL)ILIcIHtHxuCHtu9Htu/Htu%HtuHtuHLu:AA
H~IUHHAUPAUPA
UXHIAXD HDc'uADcH
DHhD`EOAE9IHH9tIH5H5Ic
HIA2H
sA1AD$H:AHA
AgEtAAU|fDLHIHtL9(HMHI9IcH5vHHIcIHsnfDfDEH(IcIcLH)IIcII
ZEDIcILArD1fLHDAwIUHDILHLHPHH)I)Dc1I|59H<2rGAID)Ht1qHIUDHLILIUHI)EL)AAA1H<0D9H<2rAU
DALLEAUBD CD%DALfLEBD fCD%qAWAVIAUATIUSHIHHyfMH
MLHLLHH[]A\A]A^A_DLM9HupHvjLLLH[]A\A]A^A_$mfL(@xLH HcH3u@HcLL
HTHTHLm6LIIHLHLL}H#LIuHL4L]LHHHLfHHLH?It-LQ4EofLH
H$41CfAUATIUSHIHHHuMuH[]A\A]ML4LHL >H7?AHLEHHcHLuH[]A\A]Hcu7HHH[]A\A]@H HwHHgFDH
Q{A1AVAUAATUISHX?H{IHcH@D)AAEv1[]A\A]A^fE([]A\A]A^A
uHI$HHAT$PAT$PA0
@Hn@ fzHXSuA,9Y)H3HfP"XA,1fA(A,A0A[]A\A]A^DLIhHHL9HhHA I8IcLHzIA$\fDAJAE=HtUM(E,A
HA$fDfDMtA
HAs2AuxEtA$AzDALfLgI$HDILHLHPHH)I)D31I<49H<2rA$DALLffff.AWAVIAUATIUSIHH(!DEo0HMu1Mt
H([]A\A]A^A_D0HML8$H\LpLLLLYMHc
;HHM9HL8Hc,HI9HHI$HHP,+(HHcI)HT$HT$LHLHc0HIIHT$aHT$HLHILpLLLLurMHc,H\$LHpH_Hc,K44Ht
ADH(D[]A\A]A^A_f.MuGHc,Kt5LHt.,H([]BD0A\A]A^A_fD

H([]A\A]A^A_fD+(HHcHTHTLHLzuHHI@M:tIHc,Ld$LL*Ht-Lc,HLHL(@uADuLL?H$fDMts$u
MLLLDvf.;d[KAD+(HLHLMcLM$DDLL>&AUATIUSHIHHHuMuH[]A\A]MtYL{4LH)
(,H8L?AH4ExOHpHtAD+(LHHMcLUH
rA12AWAVH?AUATIUSIH8H9HtHTHH@HHILt$(H>HD$
H>HHHD$L
LALI7EL
?MHHHLu\IHH;\$uLt$(H?I!HD$ HH>HDHDMu,H8[]A\A]A^A_+fLhLNLHL
J?IHLHt$H|$u
fDff.ff.AWAVIAUATIUSIHHLc`M9r7M)LfLLHHHLLHL)I9sH[]A\A]A^A_ffff.AWAVIAUATIUSIHHQLc`M9r
7M)LfLHLHHHLLLHL)I9sH[]A\A]A^A_ffff.AWAVH?AUATIUSHIIH(H9H@HDHD
DI9rqHI)HD$HAHH$5?AWHLLLDHLLII<t$,HpL9IGMXZuH([]A\A]A^A_fDHHSf.AWAVH?AUATIUSHII
H(H9H@HDHD
DI9rqHI)HD$HAHH$5?AWHLLLDHLLIILt$,HL9IGMXZuH([]A\A]A^A_fDHHSf.AWAVH?AUATIUSHIIH(
H9H@HDHD
DI9rqHI)HD$HAHH$5?AWHLLLDHLLIIt$,HL9IGMXZuH([]A\A]A^A_fDHHSf.AWAVH?AUATIUSHIIH(
H9H@HDHD
DI9rqHI)HD$HAHH$5?AWHLLLDHLLIIt$,HL9IGMXZuH([]A\A]A^A_fDHHSf.AWAVHAUATIUSHIIH8H
9HHD$,HD$HHD$,HAHHD$ HHD$
HLLDud5>AVHLL$(LLI)IIt$<HL9IGL9Y^w MhH8[]A\A]A^A_@5B>AVHLL$(LLI)IIt$<H8L9IGMXZtI9
HHf.AWAVHAUATIUSHIIH8H9HHD$,HD$HHD$,HAiHHD$
HHDHLLD$ud5F>AVHLL$(LLI)IIt$<H7L9IGL9Y^w
MhH8[]A\A]A^A_@5>AVHLL$(LLI)IITt$<HL9IGMXZtI9
HHf.Hv>H)v>Hu>HIu>Ht>Hit>Hs>Hs>Hs>Hr>H9r>Hq>H<H~<H9~<H}<HY}<H|<Hy|<H
|<H{<H){<Hz<HIz<Hy<Hiy<Hx<AWAVH?AUATIUSIH8H9HtHT
HH@HHIH>HD$(H>HHHD$LbLD$FLIDL$HLMHHIHH;\$uH?I!HD$(HH>HD$ HD$Mt8LLLHHt$H|$
AIHLH8[]A\A]A^A_ATUISHHLH[]A\AWAVH?AUATIUSIIHH(H9H@HDHD
DH9roLH)8LD$LALH$EHHHAWLLLLDLIIt$,LH9HGHXZuH([]A\A]A^A_HH[fAWAVH?AUATIUSIHHH
H9HT$HI@HHIHt$ H>HL$(HD$H>HLHDHD<IH2HD$<HIKHLMMHLt$<HMLH;luLt(H?L|$
I!HD$HH>HD$IMtFHHD$<HHH|$LL$<LIHLPt$<HHH[]A\A]A^A_AWAVIAUATIUSIHH!Lc`M9wGM)LLt$D
LLAEHHHDLLHL)H9D$sH[]A\A]A^A_ffff.HYr>Hq>Hyq>H q>AWAVIAUATIUSIHHL
HHMt?JHD$.DL$IHLLLAH[]A\A]A^A_LHu%MIHLLLMIHLLLlf.AWAVIAUATIUSHHHQHLcM9w2IM)LHL
HLLAHL)I9sH[]A\A]A^A_ff.AWAVIAUATIUSHIHQHHLHD$HIHAWLLLLL$Pt$HH([]A\A]A^A_@AWAVI
AUATIUSHH(HT$HHLHD$qHAVATAWIH|$HLLL$,LWt$,H[H8[]A\A]A^A_AWAVIAUATUSHHHHHT$
HL$: HI:RHI9HHD$Ld$ H<HH<HD$(HHD$HD$<HD$HMHD$<uHAZAWAVILL$
LHLHt$LHZHY^HIH;l$uHHT$(H!D$HT$
H|$uHH[]A\A]A^A_fHMHD$<HAHT$AVIATLLL$LHH|$0H5t$LHXZDHMHD$<uHAZAVATILHT$(LL$L@
AWAVIAUATIUSHH(HT$oHH4LHD$HAATAWIH|$HLLL$,Lt$,HH8[]A\A]A^A_AWAVIAUATIUSHIH(HD$
L
HMt^H~HHD$aATIHLLLHD$$PLL$@Y^t$HbH([]A\A]A^A_fDLHHHD$ATILHLLHD$$PLL$XZAUATIUSH
AHHH4HLxHH%PwEt5H>>Ht:1H
H[]A\A]fH>HuDHI>H
^AwH1[]A\A]f.H){<Hz<HIz<Hy<Hiy<Hx<Hx<Hx<Hw<H9w<Hv<HYv<Hu<Hyu<H
u<Ht<H)t<Hs<HIs<Hr<Hir<AWAVH?AUATIUSIH8H9HtHT
HH@HHIH>HD$(H>HHHD$L2~LD$LI[~DL$HLMHHIH<H;\$uH?I!HD$(HH>HD$ HD$Mt8L}LLH}Ht$H|$
AIHLH8[]A\A]A^A_ATUISHH}LH:[]A\AWAVH?AUATIUSIIHH(H9H@HDHD
DH9roLH)LD$|LALH$}HHHAWLLLLDLII^t$,LH9HGHXZuH([]A\A]A^A_HH[fAWAVH?AUATIUSIHHH
H9HT$HI@HHIHt$ H>HL$(HD$H>HLHDHD<IHHD$<~HI|HLMMHLt$<HML~H;luLt(H?L|$
I!HD$HH>HD$IMtFH~HD$<V~HH{H|$LL$<LIHLt$<HT~HH[]A\A]A^A_AWAVIAUATIUSIHHzLc`M9wGM

)LLt$DLzLA{HHHDLL.HL)H9D$sH[]A\A]A^A_ffff.Hg>H9g>Hf>HYf>HHGxN~ > ~ N~ ~ ~ HN ~
~ ~ HN
~ ~ ~ HN~ ~ ~ HN~ ~ ~ HN~ ~ ~ HN~ ~v HHJr 2 r H Jr r r H$J
r r r H(J
r rR P,@pAWAVIAUATIUSHLoxAUpAm H?D$H)H?IE H$=H)L$LHLLHH)IIAE
AE$1H?vSHHHHGLH9HrL$HLILLL)MMaAm tH?wD$H[]A\A]A^A_?HuD?w!IAwzA2t0IHAvuHA}pt@Am
AEpAm AE$fI]0ME L@HHAE0AE@AEPAE`IvIU@H9I9 IWI9I9@
D$LpHQ9>AA2U0AAWA2U1AVAWA2U2AVAWA2U3AVAWA2U4AVAWA2U5AVAWA2U6AVAWA2U7
AVAWA2U8 AVAW A2U9
AV AW
A2U:AV
AWA2U;AVAWA2U<
AV{AW
A2U=AV
oAU>A2WAV@)MD50I<7AALAoAfv$AAo@fGFuAo@
fG F 9t fDAA2L50AH9TwDAEpfWfD$1pHAL0A2AHH9u10&1k

ffff.AUATUSHLoxHRIHHLcIADBwYwtRIptA$tDfADH[]A\A]
H1[]A\A]f.MfIAfoRAfADMtHPHLCOHID$xUH
PA12DB5ABMI{tA$,ADA$AE$AExAD$AE(AE|AD$AE,Ay@kfDI$IATAATAAD$Ofuf7AAAIAExAE$AE|A
3AE(AA3AE,H5$OHHIHCxH
NA2pI$IItHtIHH)I)l1AK9JrPII$HtItIL$HI)DL)1L89L9rA$AttA$DADAtftHxt)SHH{xH[ff.AWAVAUATUSHHH
HL$HCL9HD$HIIIHF LF IHl$ HH5MI@H$HHL+IAF AFpLwAI
IHHtHLILPHLL2HH5XMLHH\$IHE@HD$@H$HAoLHt$HHqAILHD4$HAIAoAED$HH[]A\A]A^A_fHl$
HSHH5LIHHHT$iHLAoHAFpI
)D$PIHU@HLEHt$EHM0HH\$IH)H$HHHt$H<$%LH1H)MfDHt$HLHHHt$LHLI;DHM0
HE@H$HVAfDfffff.AWAVIAUATIUSIH8H_xHL$DHEHt3Ht.HIHHHH8[]A\A]A^A_f.Ls0LC H5JH@C
LHLHHD$HC CpHHt/HD$H
H&H
MMDEtHHH9HHUH;T$AA|$M/LDLLDHLLLYHLLkHDLLDMED$H8[]A\A]A^A_@LD$tHH@HLAL$Ht
$ tHLO|t^AT1oAEHHLLzHLLLIHLDDLfAD$HcHH|$
+PfLt$HLLLLHH5GH)Hl$E1H5GLH)@IMMD!D$TH|$
L^LH1H)H5dGLH))@HuHuLGxHIIIItSSfHMc)$IAbLA@$A@xA@(A@|A@,AH[@HFV V AFV V V A@F V
V V A@F
V V V A@FV V V A@FV V V A@FV V V A@FV V V A@A@pF@LL)HIs8AM{DADjBT
fBTYLHXHLN\
N\H)IHML)II!I1LLHL9rDDBT
BTf.Ha<Hy>u+SHH*71~
H<x[USHHHeHHeHHayH[]DAWAVH?AUATIUSHHHH9HtHTHI@HHILt$(H>HD$
H>HLHHD<HD$HhHD$<dHAgHIeHHHAWLL$LMLMLt$LHgY^H;,uLt(H?I!HD$
HH>HDHDMt[HsgHD$<WdHA<gHHdHHLATHt$
IH|$(LL$Lt$LH2gXZHH[]A\A]A^A_fff.AWAVH?AUATIUSIHHHH9HT$HI@HHIHt$
H>HL$(HD$H>HLHDHD<IHfHD$<VfHIcHLMMHLjt$<HMLRfH;luLt(H?L|$
I!HD$HH>HD$IMtFHfHD$<eHHcH|$LL$<LIHLjt$<HeHH[]A\A]A^A_AWAVIAUATIUSIHHqbLc`M9wGM)L
Lt$DL`bLAbHHHDLLnUHL)H9D$sH[]A\A]A^A_ffff.AWAVHAUATIUSHHHHH9H4HL
wHHHD$?HD$HD$>HD$f.HE1HHDHl(LIHICD5D$>caHAHdHIaHIATHt$ H|$(MHD$T$OHJ40"
XZH;leHl(H)l$ IH,HD H9HGHH9HH[]A\A]A^A_AWAVH?AUATIUSIH8H9HtHT
HH@HHIH>HD$(H>HHHD$L2`LAcLHD$Z`HHHAWLL$LIIHY^H;\$uH?I!HD$(HH>HD$

HD$MtAL_LbLH_HIUHt$(IH|$0L2XZH8[]A\A]A^A_fff.AWAVIAUATIUSIHH8HtHTw_HHH?I9HI@LLH>
HD$(H>LLHD$ H^HDaHI_DLHLMHLMLFH;l$
uH?I!HD$(HH>HD$HD$Mu<H8[]A\A]A^A_IHEaLILHt$H|$fDH0^HAaHHZ^Ht$H|$EIHL?Fffff.HIM>HL>HiL
>HK>HK>HK>AWAVIAUATIUSHHHtHT]HIHH?I9IHL$H@Lt$L|$8HD$
IH)HHD$HLH>HD$0H>HHD$(L\LA_AWPLLL$0LD$(LHHIHIY^H;\$(uL|$8H?I!HD$0HH>HDHDMu?HH[]
A\A]A^A_LP_LILHt$H|$fL8\L_SPMHt$H|$
MLLIIXZDUSHH2\HHHHoHH}oHH}oH[]ffff.USHH[HHHHYoHH}IoooCoC
oC00oC@@oCPPoC``oCppH[]fffff.AWAVH?AUATUSHHXH9Ht$(HT$0HL$
HI@HHIH>HD$8H>HLHD$HDLHDH]HD$LjZHD$N]HH$ZHIZHI|ZHMLDD$HLMAPt$(MHt$VHLH
t$LH]H;l$iH?H!D$ HD$8HH>HD$0HD$(H|$
H\HD$LYHA\HIYHIYHHYHM$LAWHHT$\RAUH|$PHT$@Ht$HQH
t$LHQ\HX[]A\A]A^A_ffff.AWAVH?AUATUSHHXH9Ht$(HT$0HL$
HI@HHIH>HD$8H>HLHD$HDLHDH[HD$Lz[HHD$XHIXHIXtHtMMHLLMVHL]t$\HL[Y^H;l$uH?H!D$
HD$8HH>HD$0HD$(H|$
tqHZHD$LZHIXHIXHHXHT$LM$LHRAUHT$0Ht$8H|$@B]t$\HZXZHX[]A\A]A^A_AWAVIAUATIUSHHH(
HT$<WLcxM9wlM)Lt$H0WHD$dWHIYWHINWDL$I$MHLHLMVIHH+D$H9D$sH([]A\A]A^A_AWAVIAU
ATUSHHHHt$ HT$_JIEHHT$HD$?E1HD$(HD$>HD$
DHD$MDIHB(D$>6VHYHIaVHH$UVHIJVHMIUATHl$HUHt$HH|$@HD$(DT$_H IJ4("
L9|$5HH[]A\A]A^A_AWAVH?AUATUSHHHH9Ht$(HT$0HL$
HI@HHIH>HD$8H>HLHD$HUHD$WHI9UHHD$,UHI!UHMLt$ILMVATHLd$ LIATH H;l$uH?H!D$
HD$8HH>HD$0HD$(H|$ tlHdTHAIWHITHHTHIHqTHM$IAVAUUHL$@Ht$HH|$PH
HH[]A\A]A^A_fff.ATUSuwHHE1
WH%~(H#fHV6HAVD[]A\H{eD[]A\H{eDAAVAUIATUISHzSLHHMuH#SHAVATLPLHLL4@XZ[]A\A]A^@
UHILLA[]A\A]A^fH?H9-
AWAVAUATUSHHHHIILH5=L]R]HH4LLl$%UH.2LLHLHCL9IwHD$wLsHLHLbHD$HSLLHI1L1LHLTLHL|
$L|$
 LHHLLLL+LLHMLL
L]x
Lk
H|$\
LTHG
THHC[]A\A]A^A_@HLmLt$ LHLHLLHHD$ LL{HD
LSH!LzSHLLLkLLHEL1HaLISHR0LHLHHCHH[]A\A]A^A_@H
/AwHH1[]A\A]A^A_fD
L
H|$
LRH
LH
jD[fDHHL}Hrff.HO<HN<H9N<HM<HYM<HL<HyL<H
L<HK<H)K<HYM<HK<HJ<AWAVH?AUATIUSIH8H9HtHT
HH@HHIH>HD$(H>HHHD$L"NLD$QLIKNDL$HLMHHIHH;\$uH?I!HD$(HH>HD$
HD$Mt8LMLPLHMHt$H|$ AIHLtH8[]A\A]A^A_AWAVH?AUATIUSIIHH(H9H@HDHD
DH9roLH)(PLD$MLAOLH$5MHHHAWLLLLDLII~t$,LOH9HGHXZuH([]A\A]A^A_HH[fAWAVH?AUATI
USIHHHH9HT$HI@HHIHt$
H>HL$(HD$H>HLHDHD<IH"OHD$<NHI;LHLMMHLTt$<HMLNH;luLt(H?L|$
I!HD$HH>HD$IMtFHNHD$<vNHHKH|$LL$<LIHLt$<HtNHH[]A\A]A^A_AWAVIAUATIUSIHHKLc`M9w/M
)LfLHKHHHLLHL)I9sH[]A\A]A^A_DATUHSHHt+HJHHH[]A\{JHJ%HtH`JHxJ%HtIHLHJLH\L_
ffff.H:>H:>H:>H9>f.H9Ht HHHHfHI<ff.ff.[ff.ff.;ff.[ff.ff.Aff.[Bff.+CAVAUATUSH

HHD$IH7ILl$Ht$LLE9HD$:tkx=H
(AtlmH []A\A]A^f.H 1[]A\A]A^AAt111AMHA;t-
1DH{:~DH?{@mfDAA(fAA@H5'H='f.AWAVH?AUATIUSIH8H9HtHT
 HH@HHIH>HD$(H>HHHD$LGLD$ILI;GDL$HHHLMHIH%H;\$uH?I!HD$(HH>HD$
HD$Mt9LFLILHFHt$H|$
HHAILB%H8[]A\A]A^A_fffff.AUATIUSHH{FHD(pIHfFHxDL+H[]A\A]DAWAVH?AUATIUSIIHH(H9H@HD
HD
DH9rpLH)HLD$ELAHLH$EHHHHAWLLLLDLII=.t$,LqHH9HGHXZuH([]A\A]A^A_HHSf.AWAVH?AUA
TIUSIHHHH9HT$HI@HHIHt$
H>HL$(HD$H>HLHDHD<IHGHD$<vGHIDHHHLMMLC/t$<HMLqGH;luLt(H?L|$
I!HD$HH>HD$IMtGH!GHD$<FHH:DH|$HHLL$<LIL.t$<HFHH[]A\A]A^A_fffff.AWAVAUATIUSIHHHHT$|
CLcpM9w;M)LxCLACHPHHDLL'HH+D$I9sH[]A\A]A^A_@USHHtjt=tH[]DCFH6C(H[]1T$~CT$H[]HLBHL
H[]fHt{AUAT1USIH1HHL$4~D$=tQ@tT(HDHBHAEDHLHdH[]A\A]f1D:xfHID<HC<HiC<HB<HB<HB<ATU
ISHHALHHHM>[]A\ATUISHDHALHzD[]A\HID<HC<AWAVIAUATIUSAHH2AH6tHH[]A\A]A^A_DfA@IH
Mc)$)D$)D$)D$0LLLfoDHHdfo$f)foLf)LfoL ffD$0)L$)D$0JL@H/GfoHfo$f)foLf)LfoL ffD$0)L$
)D$0JLH@FL@
HH[]A\A]A^A_A
EeL?fAAufAAmAEoHH HXL
oH`o(o8oHEHH[]A\A]A^A_HILHLEHLG&fAWAVIAUATIUSIIHH>DH
A@D+HAAHNHU1L9tHH[]A\A]A^A_@LL\$LT$6>LT$L\$0IB@M9LLGI99Ll$LHHD$LDL9tM9tHD$H|$HI4
H)LLHFodHHLotHoooCDLH(FLHT$H+t$HH:6LL\$LT$=LT$L\$,IIS@M9LHCL9ILl$LLE1LHLL$9HLLHtL
d$0HL)LCLLoEodHLLotHooo
CLLDI|-L}
EH
 HH[]A\A]A^A_fDLL)IHD$IMH>LLLHLL$ L\$LT$Q8LT$LLL^BL\$LTLLL
HKTK4OD'HD$L\$LT$HIMHLMKLKD
L)HD$@HL)HD$HHHD$3H>LLLLT$(L\$AL\$LLHLQ7L\$LT$(LLL$HKTK4OL\$ LT$&HD$L\$
1LT$HHHMI4HHLD$@KDH)LHD$fDLHt$LLL)@1>fLl$LLLl$LH{HDHLHHIH)46jDATUHSIq9HHf<LHY
<HC`HXoH oo(HHo8oHdt[]A\H9>AWAVH?AUATIUSIH8H9HtHT
HH@HHIH>HD$(H>HHHD$L7LD$:LI8DL$HLMHHIHbH;\$uH?I!HD$(HH>HD$ HD$Mt8Lt7LZ:LH7Ht$H|$
AIHLdbH8[]A\A]A^A_SHg7HH<=[DAWAVH?AUATIUSIIHH(H9H@HDHD
DH9roLH)9LD$6LA9LH$6HHHAWLLLLDLIIat$,L9H9HGHXZuH([]A\A]A^A_HH[fAWAVH?AUATIUSIH
HHH9HT$HI@HHIHt$ H>HL$(HD$H>HLHDHD<IH8HD$<8HI5HLMMHLat$<HML8H;luLt(H?L|$
I!HD$HH>HD$IMtFHB8HD$<8HH[5H|$LL$<LIHL`t$<H8HH[]A\A]A^A_AWAVIAUATIUSIHH4Lc`M9wGM
)LLt$DL4LA4HHHDLL_HL)H9D$sH[]A\A]A^A_ffff.H8<Hy8<H
8<H7<SHG4HH4[DAWAVH?AUATIUSHIIH(H9H@HDHD
DL9wqHI)6HD$3HAq6HH$35>AWHLLLDHLLII\t$,H`6L9IGMXZuH([]A\A]A^A_fDHHSf.AWAVH?AUAT
IUSIHHHH9HT$HI@HHIHt$
H>HL$(HD$H>HLHDHD<IH5HD$<f5HI2H5>HHLMMLMgt$LHLX5Y^H;luLt(H?L|$
 I!HD$HH>HD$IMtRH5HD$<4HH2H5>HH|$
LILLLLtLH4XZHH[]A\A]A^A_AWAVIAUATIUSIHHa1Lc`M9wXM)LLt$=LLHL)H9D$r0L81LAm1EHHHt
2H[]A\A]A^A_fff.AWAVAUATIUSHHIH3HD$1HI3HI35>IMLLLHD$HP<t$H3H([]A\A]A^A_fff.AWAVH?AU
ATIUSIH8H9HtHT HH@HHIH>HD$(H>HHHD$L/LA2LHD$0ELD$uhL
>HHHLx]IHH;\$uH?I!HD$(HH>HD$ HD$Mu:H8[]A\A]A^A_fDL
>HHHL[fDL@/L&2LHk/u'L
@>Ht$IH|$ HL\fDL
)>Ht$IH|$ HLZZfff.HI5<H4<Hi4<H3<H3<AWAVH?AUATUSHHHH9Ht$(HT$0HL$
HI@HHIH>HD$8H>HLHD$H.HAE.HHD$8.HI0HHD$ .ATLd$MHHLLMLIATLD$ FY^H;l$uH?H!D$

HD$8HH>HD$0HD$(H|$ taHn-HA-HH-HIH60HI{-AVUMHT$0Ht$8HH|$@MGFXZHH[]A\A]A^A_USHHH/-
HH@H-HSHH -HSHH[]fH>HILtG\HfLE*1AH~HIt3HAWLH?AG=G=WfDAQHL
HHAOHHH??AOAG=WHfDAAAHIHHH AQH HHAWHH?AWH?H?AWAG)H(f.H1fDHL
tG\H
LEy@~HxA<t<HcDxBA<u6AHII)I9t!|@xA<9H@tDATHUAL\ISIAABExEBAxA,HBAxAExdEx_@xZxVIHHH
L H H HHOHHOG)L9tgEDd@[]A\fDu1f.H5 `*;f.H5 9ffffff.ooFGoF G
oF0G0oF@G@oFPGPfDffff.w\fff.H0HGXHf.EAWAVAUATIUSHHOPHcE)D9E1HIL
E\LU
HMDL1D9@HH$IIGD^IIA?GD^EA)AH?AHVF=HHIHcUIA)E\u
IHMD9I%AEH1[]A\A]A^A_@GHHHHH WH
HHAVHH?AVH?H?AVAF))H|LIciDuH[]A\A]A^A_1DI&EuDuE}H[]A\A]A^A_H}IcLhLcH|LLLMhLHUHHA
)MLcELE\u
IHMA9aI=!DD_IL IIGD^IIA?GD^H54H=];ff.USHu[]HWIHHAC\u
HA[]fgL1HIHOLHA40@qLH?A40@qIA?CQA=L5HfFDHHIHL DNL IIGDIIIA?GDII?IA?GDIAA)HH1=KVHI
LHAQLH?AQ
@HHGXAWAVHAUATHUS1H8HT$
H|H~HHc|=1EHD$LL@\LIDEHHD$!9@@DADALiL\$(J\LT$0E1AH\$@=<uOA@L;l$IA}@x
H\$@DADufDHt$
DHt$H8[]A\A]A^A_D1|=@tA<N?H$Hc@@<;HD$L\$0@\@LE\$(LA<H$t<@A<uLFALIy~RHcxGA<u;HcDAL
xAHtf.IL|RIfAAAAAxAAAAxA<IAAAxAExyxu@xpxlHHHIH H H
HHARHHARD)M9ABtlA`ED]D19}*f.1@E1u)AHcH1if.E1fD~t2 n1cUH|HDDDDQ9I)1At1HD$@GxA<u
LL&~{HH1aATUASu
D[]A\fHHWH1xED[]A\AAWAVAUATUSHH(zHHtH6HHD$1L%L=L5sHD$$Ht$HS
DH`9}pH&`Hp
LAAEEtLA,HuHH5LHPL@1DfAH(D[]A\A]A^A_H
A$uDH
A(guDH
qAE1<umH5iH=n1{Ht~SHHHtH@(Htt^H{xHtHHcp0uWH5(-H{}/H{HH1HH)H[fD;
H{xDH5*.f.SH7HH50[-fHcH)HHH9H9 H!!AWAVIAUATIUS DHIH(%tSIHE@Dxt?AHcLLHP
AH([]A\A]A^A_~SHc}LL4u`HcEHEHcLLHP AAH([]A\A]A^A_@AHH
KrH(1[]A\A]A^A_fDA 9EH|8A)A9McLDD$LLT$2]HEMcHU8LLL$LHP
tDDLTLL$E>D)MMAA!D)~HEHcLLHP OAEu~D}Av@HcL\]ASLLuAHEA
5AWfDHcH}8IcI45\jA7H5H=Vmffff.AWAVAUATUSH(DgEUI IDHI#tUIH@D`t3AHcLLHP kAA
@Hc{LLHcC<A EH|8A)D9fMcLDDLLT[HMcHS8LLL$LHP DD$LTLLE'D)MMAA!D)~HHcLLHP
A/EDcA)H
AA}oH(D[]A\A]A^A_DAAEAHH
oE1f.HHcLLHP AtA/AnDA]@HcLAYkA9LLu3HHcH{8IcIt-uYA AA7H5H=-Vff.AVAUATUS_t9HHIICtW11S
1x AE[]A\A]A^fDH
A'n[]A\A]A^@DsA AtTGqGucD)A9vVH|8@HNDHU8LHS iEu`fAEEfDtH
A1qmH5H=T@ff.AWAVAUATUSHoHI IEHI@D$DtAT$DIH@t3|$ IcLLHP AEACqd|$ DEM9tT$LL=AH
Dl%fH
A1lH[]A\A]A^A_@AEfD@AE@fDL$HHtAIAELLLHDT$_|DTvCE0D$DAE
DHELLLH[]A\A]A^A_fDHIwHIHD
IDLH)H)D$31AN9NrLL}H|$A)}HIcUIs@@ AT$ALfLDIHHST$HILHLH)I)1I49H4rAAD
ADD
fADAT$ALLAH5H=n@Gu 4@ff.USH_u3HH@tQ11P xEH[]DH
qAe1hH[]@Gq6P1O7) MBDEE~1D9} r@AAAF:/A9D)LHL9LFAL9AE#HDJD@E9ENNNNNNN N
N N

N
NnN
NAAA)fBoDA9BtHcDH9UWu9qH
A/mewfDfH
A'eOfA?H
de1'fA:DB1IHL9u:

xnH5H==2SGu @ff.ff.Gu @ff.HGpHHEHGpHHHtDH@HHtktHH
At|d1HH
Ah|od1HH
Am|?d1tAWAVIAUATIUSHHMHAE1EHAH{DgHdH9MHSpHHTHTDcHSpMLauLFHHHc}0L{H+wHCxHU
Hcp@@Sht#111HeHf.@Pt Cpu!HH%H=HmH
MHaDLLHPt%H@CH[]A\A]A^A_f.HH
A{Vb1fH{DgHQHH\Mz}EHIvHc}0HCH+H5IHHCxHnfHH
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QA{`1?MCXH H{(HcLIK1DH
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HAVz_1HDfD1
f.whfff.H@u'HHwhHHH1USHHH>HHH~Ht
c+HCoEoCEoC E oC0E0oC@E@oCPEPoC`E`oCpEpooHHH{xHtHcx0@t1HHPHt@H[]@H
Ao]H1[]fDH
HEAD$C]D$H[]H
A&D$]D$H[]H5QHHExtHHsxHHcR0sGHH
HEAA\1HP
BOHt
HH=9<MH=<MHHt+HH=>HO<>H>=>H>HDAWAVEAUATIUSAIH HHHEOL1ALHxaEIu7H_ L
HhH []A\A]A^A_@H1LAVAELHdZYy=>H>LEAffAH1AWAVEAUATIUSHHH|$
HTHLDDD<UHAzA@D$|$sH|$HHHD$<Ld$@D|$,D$(I1LH|$(tT$<LHHcT$Ht$HtH|$tHt$HRtdLLH`tRA0T
$<LHt+LLH'tA9tK1LHuE1H@L
HD[]A\A]A^A_DLd$@t$,1DtiD<9tzD$,L$@9t4H$t!H$t4@@7HHHuLD$(D$D$,wH|$
gA8D$(D$,LfDt$,DD$<1NH>@H$tA<L$A:LHH$HH9)L9uL$|$,OD$<9CL$H5H=8WqH5H=VqGfff.H@fG0fff.
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Hfff.Gfff.HGff.HG`ff.Hw`ff.HGxff.HGxHwxGfff.H@fAUATUSHHIHLmLL9tMHE(raHUH0HUHILHLH)I)r1It
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AQUH[]AztHt$H%H=Ht9Ht$v(HiHtH,NHHwk^fffff.Ht+USHHHwHHsH[]1H5.H=onDHGff.HG(ff.HG(ff.HG8ff.
GXfff.wXfff.Gfff.Ghfff.ffff.USH=V=tntg%HH&HHDH[]f.=t>~O=tc=H[]DbtS~y=tJ=uH[]D=t~o=t8=UH[]%H[]f.
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A.JRHD[]A\fDAAztH%H=tKv?H=uQH;Y1HDED$=HHwALH=tHHf.G@fff.ffff.Gfff.HtGH
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wpHcH!wpfDGp!+uG+FfHH+uA+Bfff.H5ffffff.AWAVAAUATAUSAALHH={>H5HHtAH=P>D8HDpDhD`Hh2
u7H5;HH
'AAM1H[]A\A]A^A_@H=T6HH>OfAUATIUSAHHHt
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E1HuH(D[]A\A]f.Dfff.AWAVEAUATIUSHIHxLHLHTLD1MtuL9+D1|$E1tHHII|$E1HLAWLH|T(AEXZ
tAHxD[]A\A]A^A_@H
A_ytAJHH\$ tZHPHH5H1hfH
aAxtOJlf.H57 PH|f.LD$H.HILD$H
A|tE1I@H
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A$voHl$HHT$PHH5H1fH13fDH
iA,o'HDH
AAAoG4H
A0oGz@USHHHHtjHEHH@HHHHtHH[]f.H
AHq_GH1H
qAAAq/GDH
IAPvqGH
&ALqFfH8'NH8NH8NH8NH8OHH8COHHDHH8#SHHDHH8SHHDHH8THHSHHH[Kff.USHHHHHH[]H+ff.H
HH;ff.H;SHHH[ff.USHHH_HHH[]Hff.H7HH{ff.H;ATUISHLHHHu[1]A\DH{\LH[]A\ffff.USHHHHH$uH1[]HHu
\H{[]]ffff.SjHHu1[H{\[FfD1Ht8AWAVAUATIUSHHx0It1Hx[]A\A]A^A_@fDH0LHHetH{\0L~H\$@fo0LH)D$
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;USHHHHHH[]Hff.SHHH[ff.HHHff.SHHH[>ff.USHHHoHHH[]H8ff.HGHH5ff.SH'HH[k8ff.USHHHHHH[]H;6ff
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I9HvLMt)HLL)HLH%HH[]A\A]A^A_1I9wLHLHIf[%HfHHLc@@1IvfHW1HzHHHHH)HHLHHc@HH;H;H;H;
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9HA91H@AUATIUSHIHH(H HH@uHtwHHBpH?HH{
G @E1Ia~iMHC tI$HC H@H([]A\A]Ht$L*H
LA*8f1H([]A\A]LHLD$]HHHC LD$t
f.LHHtH{ HHHLH|$H_HHPH{ f.HtH?G HC(E2H{ fAUATIUSHIHH(H HH@uHtHHHLHH{ G E1I`~vMHC
tI$HC H@H([]A\A]Ht$L3)H
A*6f.1H([]A\A]LHLD$P[HHHC LD$tf.LHHBtH{ HHH?H|$HHHHH{ f.HtHoG HC(E2H{
fAWAVIAUATIUSHHhLg I$Xt)HuTH1LPxHh[]A\A]A^A_fDH@xHtGHGD$HLGHLPxfH/GD$HTHt
E1bEYDD$H} HL$ LL1EC4AD$UHIHHtJD$I
LLLHPxL1k@H11LfL1D$E1vLZHItHLHLLPxLdXhH?x11LcLL1HB7HTHt L<DHG
HHHtHATIUHSHtLH;~LHH[]A\D[1]A\fAWAVAUATIUSHHHhH

D$HLHC%MHAAtHAHh[]A\A]A^A_HIHHEI} LDHHLDYDtEuDD$H{ HL$
LHBHh[]A\A]A^A_@E1E1HiHTHt HE1f.HTHt LtLffff.HG HHHtATUISHHLH~HLH[]A\Z[]A\SHHH[
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HAIcL)HcH=D$1MLHLRL$@H)|
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L$,DD$L$yAYtHHD$sMyHH\$E1LHmD$etHI$HD$\Ld$`HD$0Dl$<HD$@IcHD$HL$0D$<L;HtHOHL_D$
\HHD$]HHD$^sHcT$,Ht$ LpHt$@Lp1LLpHcLLHHD$H-|$CAAD$(D$8AoAfD$`AvEAAoGfD$pAGt.AAoG
f$AG
tAoG0f$AG0D$89:Hct`A04P9#Hct`A04P9Hct`A04P9Hct`A04P9Hct`A04P9Hct`A04P9Hct`A04P9Hct`A04P9Hct`
A04P 9~oHct`A04P
9~\Hct`A04P9~IHct`A04P9~6Hct`A04P
9~#Hct`A049~HT`A0D9lHtLvqHT$LLn1LLntu~|$(1eH|$ofD1H[]A\A]A^A_@LxHnD$f1L%YfLnH|$n1f.LD$n
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HPT$XZ%@H
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^A{E1#LT$0HLt
HyHxD[]A\A]A^A_HCHt
H8HL$,E11A|$,HHIAH
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AAjDH
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uAcH1[]f.USHHH69uDHuhHHCHtpHHtdHHH[]DH
AQeg1H[]fDH
AVggH1[]fDtH?ODHHUtH
QA]g?1kATUASHHHHHD$txH(tAHGHtHHt
HC(H{H{ HCHC CuH{u]H{rH{ HCaHC HH|$tHDHHt,Ht6HD$HkHCECH[]A\H|$HuH
2A H1[]A\D1 H@USHHHHt HD$t/uHTHtOH} H] H[]fDH
A&D$H[]@H8H
iAW1HGff.Ht;USHHHt1HHk(H[]H1[]1ffff.HG(ff.S?WuHHcH@H[H
A1[ff.S?%uHHcH@H[H
aAO1[ff.S?&uH?HcH@H[H
A1[ff.USHHHtH< H[]?uHG(fDH
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~HH1Hf1AWAVMAUATMUSHHAHHt"HtHtE111Ht_MtULZt]H
A&jfE11E1H<LLDDH[]A\A]A^A_fDLH5Lc+LIHtdHLDHHD$1LL$~HLL$pL11MHLL$LH
1A.AfHD$1LL$fffff.SH7u1[HE11[11AWAVMAUATIUSIHLHXHt&Ht$4Ht$E111H$HL|$HL0HtHLjM11LHE1
M}DJLHHL$nK<HL$LCD~rID9$$5HX1[]A\A]A^A_HX[]A\A]A^A_@1L@D$Z
D$HX[]A\A]A^A_ffSHgu1[HE11[11fAWAVIAUATUSHIIHhD$t2Lt$ HT$HL%rE11L-
9fDnHHHHD$HsHL$uHnHh[]A\A]A^A_@Lt$ HT$HLqHL$H|ntLP1HLHD$_-
HIVH1yIHE1ILL1DDHTLLLHD$AEH
A"Ak?AWAVIAUATUSHAIHhD$Tt@Ll$ HT$HLpE1~L+Hh[]A\A]A^A_DmHHHHDqHLu
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mLl$ HT$HLpHL$Hlt1L+HIgHHDLTMHLT$E1IL/LT$DD$LDLLLT$DH
A
 AlHAWAVHAUATUSHDHoH|xHH)$Ho@H|$p)$o@)$o@0)$(H$IHHHDHDhfA3I@D$
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A~Dfo$l$D|$)$f~D$$fo$D$D$)$D$$f~EDtDdAE1F$A A1C
1C,;D$D3l$1A:A1C 1At$
1>A1B*14 3t$1
A1B.1BD D1DtA
E1F48AE1D4+AD1D4;A A1B47Dt$
1t$DB,1C43l$A1G4*A A1CD5
A1CA1AA1B: D1A4
A1B41A4+ 3t$Dd5A
D1D$AE1l$LDtfnL$D\$fnt$l$fnDt@fn|fbT|$fbfnT$D|fntDfnd\$flfnLDLfn|$fbfnt$DD$fbDl$fnl$fn\
Ld`fbflfnTDTfn|$fbfnt$fbflfn\$fbfl)$)$)$)$fn|$,H$fnt$$fnl$(fnd$
fbfn|$4fbfnt$Dflfnl$<ffnd$8)$fbfn\$0fnl$Lfbfn|$\flffn\$H)$fbfnT$@fnl$TfbflffnT$X)$fbfnL$Pfbflf)$JQ
HL$H\$hHHHHHLHfoHHHD$xH;L$pfoC@foC @ foC0@0)H@P
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HH=HDXHD1HHHHH9
HHAHIHHH;T$X
H$xAHE$xHD$XH9H$xH$
H$A
H5kHvHHD$H#t$HID$`ADHP$H$'^_
HLHHTXHIHIIHt$8H\$@IL$IIfo-M$6L$
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LH$HHPH$H$HHHH$L<HHHH$@H)H$fDHHHH$#
H$HH9D$0HH+D$HH9$ H H$(HH$
 fEE1fIHHo
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1A:H
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KAffffff.SHHHHHHHtw @uHH[f.HHT$H4$HH4HTHt^HtH9HH@HH[fH
qA ?H
AA'1H
A$uDH
A'1HUSHHnHP@H*ZHP8H[]fDHStJHHHt?Hx(t8H@ G Ht~[C [[fH
qA[SHHHH~H@(Htu HHH6Ht/~ H[H;DHDH[H|$HHHH|$tkHH@(DH
A)GH
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AJo[SHHHH~H@8Htu
 HHH6Ht/~ H[H;D$4HD$H[H|$vHHHtfH|$HH@8DH
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A`\Rff.Hw8ff.HG8ff.HH5t1x9wH|
HG@Hc@GHfff.ATUISHHD$E Ht`HHHHD$H[]A\MAHK
~Ht$H*1fff.HHGHtHHHt4HHH
~A'1HHPHtHHuH
L~AHHGHtHHHt4HHH
}A1HHPHtHHuH
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,}AHH+DHH+DHtGuH5}Offffff.H|$H=Fs>Ht$Ht$Ht *y6H|$LH5>t~Ht/HH@H=r>Hf.1fff.USH5M|HHt(XH[]@H
|AAHDHDff.HtHtBff.Do^DoVDoN(DoF8o~HovXonhofxooooD_DWDO(DG8HwXohgxHHHHHHH=zq>Ht]H
D$t H=aq>Hf.H
zA5A?D$HfDH=iHt$HHHp>Ht$zH
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ffff.AUATUSHHHIHHTHIMH5xPPHHHhL(L@ L`JIEHt
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wAw&1-DHH1/&f.HH
iwAAfUSHHHHxHHHt
H5w PHHoH{Ht H{H}H{Ht H{C H}HHE(HE0HE HP~?HH[]D1@H
yvA&1HEH1@H
9vAADATUS1t}HAHtzHDHIMH5uP}HHHhL @ H@ID$Ht H~(H[]A\kHHuDIfDHH1DH1H
?uAH
uAw&jfH8H
tAAW:fHHHHLMAt90HtMLDDAtHH
atADDHfG tttuH
!tAf.zfDH
sAtOIH
sA$ fff.HLLLDE1HDATUHSHAHH=wHUHD[H]A\LA[]A\fff.AUATAUSIH1HHt$\Ht?HT$HHI$HDLH5rH
H[]A\A]HATUSt7HHA7Ht"DH[]A\IE1fDH
arA[1]A\HtSHHHtHLMt<H=nIt LHAHH;H
qHACHfG
 fff.Hw@WHHw(ff.HG(ff.HGff.HGff.Hw0ff.HG0ff.Hwff.Hwff.Hwff.Hw
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HHtHG(HfDHtHG0HHtHG8HfDHtHG@HHtHGHHfDHtHGPHHtHGXHfDHtHG`HHtHGhHfDHtHGpHHtHGx
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SHc>LH;HH1HCL9uH=c>[Hc>]A\ATUSHcH=kc>H50Mc>H=Fc>H y1H=+c>.[]A\L%)c>I<9}I<HtHuH
~HPHHH HP@H
ql1A<Aq[]A\fDH
AlA7q1}J1;fAWAVAUATUSHcH(HLLDLL$IH=!b>H5Invb>hH=a>AHH-
a>H|H5{k(HIL8Lp1HD$H|IEHD$IE HD$IEJtFH|\H|D`LDH=Ya>\H(D[]A\A]A^A_f.H
jAAdAH5jLKHHDt1HA

AH
kjAdA<@H
AjA<AqAy@H
jA7qAI@AUATIUSHAHH?HA9}
SA9|HH}1uH
iA~AfDDH[]A\A]DH}LDH[]A\A]HHHEjH
,iAwAfj1fDUSHHH?Ht(9}H;H[]$@H1[]AWAVLcAUATUSHhAH4$H5H=^>I;^>H=^>HfL5^>K<IE
LdLd1HfK<eIHH9uH=Y^>1Zf.IHt,Hxt%LMLHH<$MJMARHH9uL;d$u*Hh[]A\A]A^A_H=]>E1H5gLHh[]A\
A]A^A_fHcH5NgHHIH=}]>H
!gAAp_Hh1[]A\A]A^A_fDH
fA<Aq'Hh1[]A\A]A^A_fDH
fA7q1 HDHDNfH:AWAVLcAUATUSHHAHt$PH5YH=\>o\>H=h\>HGL%p\>;K<2H}A&D9DNEA
HD$0HD$IAE1IHHD$DK<IHH9\$uH=[>L|$DLrDHL<Ld$(E1@DHEBHD$(KHt.LQ
Mt%LILLDHH|AHD(H|$HDIL9uf.IcH5dHHIH=Z>H
dAAn1H[]A\A]A^A_H
idA<Aq1H=Z>Eu1L;t$tH5d7LD$/D$yfDH
cA7q/1K1<HD$0HD$f.AWAVAUATIUSHcHhH4$H5H=Y>Y>H=Y>HL-Y>zI|pA
HlHlEwM~E1I|DCJDIM9uH=6Y>17LlMt)I}t"LMMMELHH<$AUHL9uH;l$u3I<IHh[]A\A]A^A_DH=X>1H
5[bgHv}@HcH5>bQH}HHH=mX>E1mH=^X>AI|DDH=EX>HD$CL\$Mt/I{t(DLL\$DLHH<$MKMASAE9uB@
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qaA7qHDHD)SHuH[f.1[@f.ufAUATIUSHHH_(tbHtL*HHHI9sH1[]A\A]HLcHM,$LHHkH[]A\A]HpHI$H[]A\
A]f.SHt%HxHHtHc01
H[[fffff.USHHHOHHDHHH[]?H(t 1fDAUATIUSHHHHI1MtDHL>tLk(H[]A\A]LDDHHG(tct&tHHHHWLH
LGHHR(LHrHf.H@@@u} 1HfHxH=sAUATIUSHHLo(HqHlox@HHI$tI}
HTHtDI$H[]A\A]fDH1[]A\A]fUSHHHo(HqHcH} zHmqH5HNqH[]fUSHHHpH@(HHHx
H[]ffff.HG(Hxt5SHxH<HtHHWs[@1[@1ffff.USHHHtMHx
HAHcsH{HJ]PyH59]HQxHH1[]$@H[]fHItP>ku#~eu~yu~uH=MuL,@1Df.USH5\H(HxHt4@H
HHC tLH](EHH[]DH
9\A A{7H1[]fDH5 \H&vH1[]ff.ATIUH5[SH(xH@HXHHC LH](EHHIHIIt H{ HUt)It$HtAT$H{Y:t
[]A\HPHHt@Hx HcsH{H[PwH5[HQu1H[1]A\H
ZA A{[1]A\H5ZH&u[1]A\AWAVMAUATAUSHIHHHtkH9Ht
HtFxBH]AHlu,MtOHj=A9AEvK1H[]A\A]A^A_@HtHE1EHEukH}H%AHE$rAEtA$AU$Dm
AtJ|$1D)`HEfo@LHHoM$fo)L$oM4f)L$ oMDf)L$0oMTf)L$@oMdf)L$PoMtf)L$`of)L$poff)$)$ u%Ld$1LD$
D$@HLd$3iH}HcL4#tfoULHH}oM$fo)L$oM4f)L$
oMDf)L$0oMTf)L$@oMdf)L$PoMtf)L$`of)L$poff)$)$HlhH}HcLm"HuH}#H}LHYyH}IcL""bH}HU Hu$)"IDE
I$H},LHHU$DILHLH)H)DHyAUDALLaDALfLNffffff.H?t
Hq!1ffff.H?tzAUATIUSHHHXHLlHTLQ!u
1HX[]A\A]HsH{"tT$H{L tH{LH!f1ffff.HH?fHHHHtkSHHH{H{H{$HC
H{gH{^H{UHH5U[pfffff.USHHk$HH*H{!H{HC H-
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H1[]SHHHCt|f;HHCtnffff.SHH Ht&Ht!HLTHtHLTHtH
HE1[ffff.SH5TpHHtHtH[H1@ATUISHHHo$7H{LH{It$H{u?H{vH{mH{dHC Hy
1[]A\fIt$H{tIt$H{tAoD$$CAoD4EAoD$DE AoD$TE0AoD$dE@AoD$tEPAo$E`Ao$EpAoAD C
I$HM@[HHCf;HHHCfDHHCfAWAVH%I>AUATAUSLIIMHMHDH|$HHtsMH|$uHRELDE1HDLHtCLLH%t1
HT$PHH1tHHH[]A\A]A^A_HH1[]A\A]A^A_USHHHHdH}dH}H[]dffffff.HHUSDH_HHMHLHMAIL)IIL)ID^D
NIFIHHHg
HH)HHH)VLL1IHH

HH)HHH)VIM1IEHIH HH)HHH)HDFLHH1H1I1L1LLM{ EIM)LHI)F DVIF$LHHH+
DHI)LHI)F(LL1HHHDHI)LLHH)F,MI1IEHIHHH)HHH)HLI1L1D^0EM1L1MMM;AIL)IHIL)DV8AD^4IV<LIH
HDHI)LHI)V@HL1IHHDHI)LHI)VDMI1MEHIHPHH)HHH)HIH1L1DVHM1L1MLMEIM)LHI)D^PDVLAIFTL
IHHDHI)LHI)FXLL1HHH`DHI)LLHH)F\MI1IEHIHHH)HHH)HL^`I1EL1M1L1IIHHH)IIL)IDVhA^dIVlHIHHg
DHI)LHI)VpLL1IHH&HH)HHH)VtMI1IEHIHHH)HHH)HLHH1L1DVxI1H1MLMEIM)LHI)AD^|HLIHH+DHI)
LHI)LH1IHHDHI)LHI)MI1MEHIHHH)HHH)HDI1IEM1L1H1MMM6AIL)IHIL)DADILIHHDHI)LHI)HL1IHHD
HI)LHI)MI1MEHIH<HH)HHH)HDH1IHLL1L1L1MLMEIM)LHI)DDIIHHHHH)HHH)MM1EHIH@HH)HHHH)
IM1IEHIHHH)HHH)HHI1L1DEH1L1MMMEIM)MIM)DIIHHH;D))HLAHHH H
H7[HW]fDD)AA)RDAE)E)p)D))D)))zfAE)A)&)D)AE)A)xAE)A),D)D)fD)D)wAE)A)%AE)A)AE)A))D),D))AE)
A)D)AE)JD)D)AA)D)DAE)A)[AE)A)
)D)AE)A)gAE)A)D)D)fD)D)tAA)D)#DAA)A)AA)A))D)3D))f))fHH)HHH)H@AWAVMAUATIUSHJIIHhAEHT
$(AP%HHHLl$
H<HLHLPHI,>H|$IAVA>IHH1H|$H1L~DHTD$L)D$PDHDPHtXHCHSHHSHHSHHSHHSHHSI9@sfH\
$H|$(HLl$ Ll$HHLHHYHMH5pEHcHHHLt$@LdHL0HIIILDHHL8HHL$HH|$PIH|$ AAoIHt$H|$
IH\$~DHlD$)D$PHDPHTXL1L1IHAD$IHAt$HHAt$HHHHAD$HAtHADHHAD$L9d$ATMHD0H|$(
Lt$@Lt$8Ld$L|$HHHLHHL$E.AFLADAH|$H|$
H|$P~D$LlD)D$P*HL$Lt$H3\$PH3l$XHIHHCHcHDHIFHAVHLpHPHIFAnLpXHIFHAVHLpHPHLA^H\$
 HA_AoHAHHAGHHAGHHAGHHAGHHAGHh[]A\A]A^A_AsIHAKI{HH OL_HH H1AKMKAqIyHH OL_HH
AKHH
H1HD$H|$PL~DHTD$)D$PHTPHLXHAUAMHAAEHHAAEHHAEHHAUHHAUHHAUEEOA_AGAAwA
oAWHh[]A\A]A^A_IIHHIIHH@HHHt$a1fM1fD1fL1fDL1kfDLLLLH\$
AWAVMAUATIUSILH8AHLLp1HLt$ CHtHTH|$L~D$HDD)D$ HL$
HT$HKHHHCHHL$(H@3CHKHCHHCHHCA,1AD-HH9t*HcA,H>1AL-HH9(AH8[]A\A]A^A_HtHl$
E1CHtHTH|$H~D$HDD)D$ HL$
HT$HKHHH@sHHL$(H@sHKH@sHH@sHH@sC24CD5IL9&HcC44H@21Ct5I@1I9$H?SHH
GH|HtH~DHDD$)D$HD$HCHHHSHHD$HSHCHSHHSHHSH
[AWAVIAUATMUSIHHAEAxHL$ADDL$+IHt$I~D$DT$(IH@t$*HHLHDI@t$,HHHHDT$))D$0@t$-
L$.@|$/H|$0M11H|$Ht$H|$HTHt0HT$HH@t$+HHL$)HD$(HA2L$*HL$8HAHHL$/@|$,HH@|$-
HHH9@|$.tIAHc2L4(AHH9KuAEHH[]A\A]A^A_DHt$0HL$8HAtALHA$HHAT$HHAT$HHAT$HHAT$HH
AT$ATUSW DgADfWA DfWV_ VDWA AADVOA DVD_DA AD^O A D^o
DA A AnO nDO A AADNO
A DNODNDV(D^,^$ D NA AA A An0 DDN4DF N8DA V< DA A A~@A DA ADVD D^HFLA A D A A DDA DNI
NT A%A VXADF\ DFh AA A D E A DNlA DA ANp VtA A% DADFx ^`A A D^d ~|A A A D D DDA A AA DA D DA
A AA E A DAADA A%DD DDDADA A D AD AA DD
%[]A\@ATIULSAbf.AA@%AAA@%AAA@I9AA(fDIA@IAAA@AAAtALHIHHtLAH)HI1fDHIH)LHHLIH)H
HHHHLt
IDHHI&fDALHIHH1LAH)HI1HIH)LHHLIH)HHHHHLt
IDHHII9AAFV[]VFA\,>D,>D,>D,>Dr,>D,>,>ff.H
+>HHGJ+>HHgn+>HHh+>HHt+>+>HfHH=+>r+>HDHgU+>HHI+>HH1+>HHW+>+>HfHH==+>Hffff.SH5XH
H\$Hu*>H[HH*>t/D$*>=*>H[D1YHH*>1f*>H[DU*>EtD
e*>EtfDATUH=F=SH?*>bH=+=H1aHt6DE0{Es*H5#3HVMH)>Ht(L%3HkH
L*MHHuH=)>H)>[
)>H)>)>uxB)>t)c=H|$HS=D$ p{RLd-
h3^(>H[]A\f;ldfDfDKfD[fDHt[SHuASu*CuHH51[KfDCtfkStffffff.H=8=t^SH=.=YH="=H1XHt3u=SuBCuGHH5
%1[ZKf.[fDfDSt_Ct3ATUH='>St?t1[]A\fDH
0ApFtDIH=F'>H5?:t
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@@@@@=H5eH=%>j1=h%>[H5H=%>9H5H=%>=z%>H5<H=i%>=M%>H5H=0%>S=%>H5H=%>&=$>xH5
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#>H=$>H#>eH5eH=n#>J=V#>8H5xH=Q#>=9#>VH5kH=,#>=#>H5H=">R=">H=9#>H">FfUS1H1H^u
1H[]H==$HHt4tEtEtEH[]@H5+BrGHHtH==HuH5+DHDED^fDSH5+H0EHt!H:">HH0">HP[DH
I+A1Ar1[ff.fffff.fffff.ATUSHo(wcHcH+IHcHfxwH} HtHu(H*lnFH*nHLHHE
t9H]([]A\HxH0)9[1]A\fD][]A\HtHM[]A\Dt\HtWxH}HtHuH*^EH*`HL^HHEtH]B[]A\fDH|0HHuH0
ffffff.AWAVIAUATIUSHLHHLLDLL$
O9LcH$1IHHH=HD$vHmHH\E1HDLHH|$L|$@7HD$?D$?A1L|$@HD$(fDHt$(H1LHMt-L;$LvHLH)HD$
LH<(StAD$H;D$IADd$?v'E1111Ht/LLHrtLHT$Ht$HY91DL|$@1L@ HHH[]A\A]A^A_1@Hl$
AWAVAUATUSHhHG(LxMIHx HdIHttJ1Hh[]A\A]A^A_HHP(uL0HH0IHL1HZYHH0Hl$
HL2HpHL$HL$$HPL@(L0IQHLHAZA[oT$HMAVHL$MHL'@HH HAXAY-DHHHpHPHL$(L@(MQHLH^_D$
HEH
I&Aif41uH
!&Ahf41ML5HHEuffff.SH_(H%Hs(H{ bAHsH{H%IAH0H{0 H{HH01HH)8H[SH_(HL%@HsH{@Hs(H{
H+%A@H0H{0 HH5%C[?@IH= IupH=
%HAAEEHH=$
H#H=$HA@EAmH=!%LH=$LAkuAxeH=gLH=LH=:$LLNfDAxd;Ax0HLDAE1LHLLAxyAxL]DLL;H
"HAgg4Hfff.SH5"H38>HtHC([fDH
q"A4Al41[Hp4BvHt
HH=H;tH=
H;tHSH_(H#THsH{=HsH;H#Uj=HH5#V[;DHHG(H8HtpLPMt7IHHHp2APLp8p0LH(L@ H HfH
Q#Aom41HH
!#Anm4O1HSH5"H<@V<Ht1H@ H@(H@0H@8@HC([fDH
"A>Aj41[ff.ATUSH_(w}H="HAHcHfHt[1xUH;HtHsH%"d;EJH"IcgHcHHGIcHS[]A\fDH1HtHS0H1HtHS8Ht1x
H{HtHsH!d";EHj!IcgHHCHIcHSY@H1HFHJH9HS +fDH1HHS(@H5 i9HCsH5 i8HfH
AlAk41HHIH="HIH= HH=HH=iHNx{AOP H0Hc=fDA< H0HcHHHHHH9HIAuHHF1Hu
IA(Hp
H@LLHt@LLH@rxAiP %H0Hc?A< H0HcHHHHHH9HIAu1H/IA(Hp(H=
H@@@A0@F< wo0IHc0DA< wQH0HcHHr?HIHH9u0HIAuHIA(Hp8{fDH
4Ali|1HfDH
y4Afh|1HfDL LH@L LH@pxAP EH0Hc?A< H0HcHHHHHH9HIAu1HOIA(Hp0=16H
j4Agh{ATIUHcSH_(tbt"t[]A\H[]A\HxH)9[1]A\fDxH{HtHsHEF5HH{
HHHHLHHCtHk[]A\D[]A\fDH|HHeHAWAVIAUATIUSHHHLLDLL(AHyIqHHeM\HSH+H$1LWeHI1L1I
HH$@Ll$@L$
HHLHTHtHLHT$0LHHT$ FCLHD8HD$(HHL$1LHT0LHL$twIcH;$HTHtHLfLtHHT$
LHLBLt,H$H|$LMcLfLl@1E1L$cHLHL@&
$H[]A\A]A^A_1E11E11Ll$@D1Ll$@HLL${HTHtHL${L$YL|HT(HLLALt1HD$8HT$
LLH)$IL|$AL$]1fDSH_(H4HsH{1HH{" HH5p6[0ffff.HS>mIHu+~du%~uH_(H3GHH[H=HtmH=!
HH=aHtKH=H[L[Lzf.[LbfH
aAafd4/v1[[Lzf.H
!Aidd4u1[H
Axgd4u[AWAVAUATUSHHG(L8MHXH]LMtaHHLHL*L`H$#rHLIAUHL$MHLZYH[]A\A]A^A_fDH
9Aje4uH1[]A\A]A^A_fDH
Aie4tH1[]A\A]A^A_fD/MHAAUIHL$MIMLHH'AXAY>H5Lg-
H^HD$L6HHHAUL\$MHL$LM^_L\$NMHEI9ICH9KIAHIMHHBH9XHtA0EH*AC0EH"AC0EH!AC0EHAC0E
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IAke4rH1[]A\A]A^A_fDH
AAo4q1H
LL$,$q1@A0THI9u311}s i
_UKA
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A)An4p1[USHH5H1HHW8H_UH5H1KUH5H17HU@H5H1"HUHH5H1
HUPH5H1HUXH5H1HU`H5H1HUhH5H1HUpH5H1HUxH5H1HH5#H1wHH5(H1_HH5-
H1GHH52H1/H1HHH5.[]ATUISHHHt4HL1jH/!HHTH[]A\[]A\ff.Gt`AUATL%USHI1HIU1HHtH@Hu1LHZA9]
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HI1HHHHH1HHHIIHHH1HH5G[]A\A]1H5H111HHH5[]A\A]11fDATUISHQH)Ht4HL1jHHHtH[]A\X[]A\1Htct\
AA fDHEHL HIHH1A)HDHH H1uHHH1@ATIUH5KSH3%HHt\H5);%HHtZMtEHLcuH-
=HHkC$HCHC(HC0H[]A\@L%=H5G1#H5HH1#DHAUATIUSHWHtJH-
aE1fDDH<Ht%@H_XH#HHuAUIEAA9rH5\HR#HLH5
[]A\A]]4#@fffff.AWAVIAUAT1USHHwHG8HHH9G(wDg Do$_H?AD$A98HE
C,ENMHE@LIIHt2HA1HyHI9I8IHAI IHuLUIHE`M$1HE
H9HEHcHD$HEL<IHLL{H[HI$L;kuHEhH;HD$LuIHHL2HExH[]A\A]A^A_fDML1HfHLA6H4HFIH!HDHEH<
)1HJI]$D}HEHE MH}qH5mR!Ht-
L0H@LhI1HEpHE8H[]A\A]A^A_H[]A\A]A^A_f.AWAVAUATUSHHHHt$UIHE`M$1HE
H9sML1HHEHcL}LL4IHuLsH[HI$L;kuHEhHt$H;AuI>HHGH5
IH HE8MHHHE8vH1HH9E0sHH[]A\A]A^A_U u$HE|2H<L'HtOU HcHEPHMHHuwfDHHBHuLbfDH1wH
HHt"U$HEXmHEMU$U
y-L %ffffff.AWAVAUATIUSHHtHATIID$`AL$$1HAD$ H9s
AL$L1HI$HcM|IL4IHu[LsH[HtKHEL;kuIDhHtH;AuIHt!HI$H[]A\A]A^A_DI$1fHt[AVAUATUSDgAx@M
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\A]A^A_fD1HAUATUSHH?@t]AE1 fHHL L}HIH1)HHIA
I1@uLHL1H[]A\A]fffff.1HtHG8HG0ff.Hw0ff.HGHGTHHfoH)H\1HDAWAVIAUATHUSHHrAKECHtODDL
$|$D$L\$D+SD1D[DS!kDc D1T$DDDT$D\$1!1AD[0A1ED!1DDS(D1A1C!1D$
DA!1E1DKAsAD!DL$1t$1D1s$!1B
D1t$!DK8D1E
1!1B4DAA1EDC4A!A1A1{,AD!14:D1!1H@B4D
1!D1E1!1DDAA1A!A1SDA1AA!A1C>EyZ A
A!!D ADD5yZ A!!D ADEyZ A!!D ADEyZ A!!D D|$D
EyZA A!!D ADDt$A!E6yZ !D D|$DEyZA !A!D ADEyZ A!!D ADDt$A!
EyZ !D D|$DE7yZA A!!D ADE
yZ A!!D ADEyZ A!!D D|$D
EyZA A!!D ADDt$A!EnE6yZ !D ADDyZ A!!E4nD ADDsA!
nEyZ 1!D DDt$
11DEn1D1 11E2n1DEn111EnDD\$D|Dt1DEn 111D\$D1DEn1D|$1EnDE3n11DEn
1117nDDtHl1DEn111DD$1DT$An
1t$1DD${L$n1Ht$1L$H|$DHTHDHD@PD[]A\A]A^A_HAVAU1ATUSGHAWHIGGXHHHWt4LwH?I<w^H
TH?wSHGkX[]A\A]A^fHHHH{DkXHLG[]A\A]A^A@I)II$LHKD,JD/HGHH)H)LHHrH1H4H4HH9rL)LHMBfH
HCXHCAFAF

AF0tLH
HHIH)HAfAu2MyA$AhCD,fBD/WA$CD,BD/;fDATULfSFXHHDHH8I@8H)H1ZtcCLHCPcQCSCSRCTcUCW
SVCXL@ HEeHHUECHEeHHUECHEe HHU
ECHEe
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A1DAA1BiA!DV$A1DAA1BDA!DV(A1DAA1B[A!DV,A1DAA1B\A!DV0A1DAA1B"kA!DV4A1DAA1BqA!D
V8A1DAA1BCyA!DV<A1DAA1B!IA!DVA1DAAAAA!Bb%A!DVE ADAAA!B@@A!DV,E ADA
AA!BQZ^&A!DE ADAAA!BA!DVE ADAAA!B]/A!DV(E ADAAA!BSDA!DV<E ADA AA!BA!DVE
ADAAA!BA!DV$E ADAAA!B!A!DV8E ADAAA!B7A!DVE ADA AA!B
A!DV E ADAAA!BZEA!DV4E ADAAA!BA!DVE ADAAA!BA!DVE ADA AA!BogA!DV0E ADAAA!BL*A!DVE
ADAABB9A1DV
A1DABqA1DV,A1DAB"amA1DV8A1DAB8A1DVA1DABDA1DVA1DABKA1DVA1DAB`KA1DV(A1DABpA
1DV4A1DAB~(A1DA1DAB'A1DVA1DAB0A1DVA1DABA1DV$A1DAB9A1DV0A1DABA1DV<A1DAB|A1
DVA1DABeVA1DA1DAAA1BD")A DVA1DAA1B*CA DV8A1DA
A1B#A DVA1DAA1B9A DV0A1DAA1BY[eA DVA1DAA1BA DV(A1DA
A1B}A DVA1DAA1B]A DV A1DAA1BO~oA DV<A1DAA1B,A DVA1DA
A1BCA DV4A1DAA1BNA DVA1DAA1B~SA DV,A1DAA1B5:A DVA1DA
A1B*A DV$A1DAA1BA DA1DAA1DDDDH@H9gE]MUL<LtLd$H\$Hl$
H(HAVAU1ATUSGHAWHIGGXHHHWt4LwH?I<w^HTH?wSH:kX[]A\A]A^fHHHH{DkXHLm:[]A\A]A^A@I)
II$LHKD,JD/HGHH)H)LHHrH1H4H4HH9rL)LHMfHHCXHCAFAF
AF0tLHHHIH)HAfAu2MyA$AhCD,fBD/WA$CD,BD/;&fDATULfSFXHHDHH8I@8H)H1ZtcCLHCPcQCSCSR
CTcUCWSVCXL@ HEeHHUECHEeHHUECHEe HHU
ECHEe
HHEU[]A\HqHHDHH)
19H<rD@H)t1HH9rLHL8fD1fTf.HGHGTHHfoOH)H\1HAUATH=USIHIHhHHHDHt8LLHHHH\
HhH[]A\A]@Hh1[]A\A]AUATHu=USIHIH(HHHDHt8LLHHHH Z
H(H[]A\A]@H(1[]A\A]HAWAVIAUATIUSMfInE1HAvHD$ H\$0HTHDHD$(HD$fDC/GD/@I A~LAvL$(L$
LDD,DD$$D$HL:H|$HhHHHH|HCLT$(D$t$,13L$ D1D3D$$AVAvAANAF
ANAFANAvAAVDAFDEFAL9l$E^ANAFAVEFH[]A\A]A^A_fDHRRRRRRRRGHGH%%%%%%%HGAUA
TIUSHHHHtVH|H)H9Ht1ALHH9rHuH)IEHfIIu_L)uH[]A\A]fKt%H}H3]H[]A\A]@H3]H[]A\A]DLLHJAWAVA
UATIUSHHVu0t+HCIEHCIEH[]A\A]A^A_@H|1)L{Lt$(CDcLkDd$D$$ll@CC
CLLL{bLHLLL?H|LmDT$D1D3$$13l$SsCcDDcAk
@kKSCcDcKSC@kDDHz=HtH;]=tf-ff.Hyz=HtH;-Z=tfHt=z=t
/z=2.f1ffff.H!z=H;jZ=IHt
HtLHtMtL0fDLnfDH-1HfDy=t)HtH=y=HtH5y=HtHy=ff.ry=1fHt
Hty=HHt
H]y=HHt
HFy=HSHHHtH1Hr&HH[f.Ht;HATAUHSHuDHH[]A\G+
ffffff.HHHAVAUEATIUHSHt{H9rFDHHHItHHH/DLHHQ[L]A\A]A^DH)H<IH
[L]A\A]A^fDHHfDLE11HxxHcH;T=}lL;=HH+)=HIIPH1AILHHHtGH9
.=v>HHH2HHr=ID HH5H=L]H5H=hO]H5H=P]H5H=M]fffff.HHe=H9H]=HH9spH5=H9wLH
1=HH9v=HHHt&H9v]H9wXH~H9xufHpH7HfDH~H7HH5H=Y]H5H=X\H5H=]\H5H=Fa\@HxyHcH;=}mL
k=HH+Y=HIIQH1AILHHHtHH9
^=v?HHH2HsAIAA!DHH5H='@%\H5H=C
\H5H=D[H5H=A[ffff.HAWAVAUATUSHHHH=o=H9hH5g=H7H9TLc=1L
j=I@HD$HD5H)H5J=Ht]HHAHrFHL$&HEIrHHHHuHLHDD$,HL9L$,HH)HHVH1HHHHHoH;

=bHHHA8Ll$Hr=HDJMH=5=HHt$,HCHD$
FI)FL|$0HHD$8MfDL=A
HDHMHHHHH!HIf1HHD$HIIG<IPGIAH!HIL97HL;l$0\Lc|$,L+|$ML9=N=BHHt$KHH9=I=HHAHHLDH^HEH
tHUHPHUHHEHt@H@H
=H9rH=HH9r'H=H9H=H9H=I9H5=xH=g=HDH+R=HHWHl1HL$HH)H;
`=HHHH`H'=DLtI$Ht IT$HPITHIHt@H@H=H9rH
=HH9r H=H9H=H9fILL9DHCIGEH5=wHH+DHD8LH9f=ZH=I=HH+7=HHWHQHHH1HH
H;
A=HHHHqH=DHLt$ H==HL^H=J0ILt$ H9L=H5=DH1HHL
=EL)HH|HDHHHHHHE
I[HH[]A\A]A^A_@HH50H=dOVH5H=8.VH5H=5VH5H=86UH5H=tUH5H=HiUH5H=wUH5H=tUH5gH=fUH5
OH=enUH57H=8*VUH5H=H^>UH5H=8Y&UfDUSHL=I9 L=KH9J1H=H-
=L)H5=HsHtIHHLHs"0fDHADLAMrHuyHHHuHcH9IHIRL)H1IHHHHtYH;
3=sPHHHDtjHL[]H5H=*TH5H=SH5H=[8SH5H=5SH5H=SH5jH=6SfATUSHz=t1H[]A\t$H<$\HHI=tH<ftH)=)
=)=)=)=HGH^!t
fD~HcH1HH==H5=HHHH==HH1
HHHPuH<H5UHQ=HH:=H=U=H5&HxHH&=H=)=H5HLHH=<HL$HH5=1E1A"LH5="HHl=H==H=H<(1H=[=
H5O=H=X=H=,=1H"!1HH)=I|HHH!H==
H5=H==HH5=H==H:=HfD1H5H==H5H==H5}H=V=HtH5R=HtfH==).=)7=)@=)I=)R=}ZHP=H[]A\A
>H5H=zPH5H=PH5H=OH5H=qOH5H=OH5H=bOH5iH="OH==t1HH=5=H5.$H=5=H5H=%=H5H==HtH5=Hu\f
H===)=)=)=)=)=XH=Hf.f=f=AWAVAUATUSHH(H=j=EXL&=L9wpH*=H+=HHH9HL$vDHHH9wHL$L|$Mx4
JH=H\$fL,Mu?IHIu11H==H=WH(H[]A\A]A^A_L9|$EH5=EIcH9LDH+=A=IIBMHJ,w@H
I=HHDHHH!IHH9\$L;|$H=I9H5=IQHEHHHAD1LHHHIHH;
=HHIDH=DLIEHtIUHPIUHIUH>=Ht9HRH9rH
1=HH9r H
=H9H
=H9L9,IH==EE
McL;%=L=LDH+=IIPH
1IHHHHH;=HHZH}=DLH=S=LHHA=L9,(=H(=DD|$H5A=HIL;%=H9LH+=HQHR1HHH)H;=HHH=DLIH==LH
'L=M;,(,L$Lr=LL1L=LMHDH)IHt$H5==H)HIHHHHAH1H\$IIcH91HDH+=IIRHD1IHHHHH;
=HHHAH=DH1HHtHSHPHSHHH`=Ht,HRH
`=H9sTH9H
C=HH9H9lH'=H9\f1H_HRH5=HH9sH5=H\$IHt$HAH5H=5HH5H=\8HH5H=6HH5H=,HH5kH=<tHH5SH=?rHH
5;H=AZHH5#H=/BHH5H=<5*HH5H=8HH5H=<GH5H=$JGH5H=FGf.=uff.USH=uH[]HH=v=1OQH(=H9rH$=1
H9H=M=HQH[]ffffff.HtsATUASHHytEH==PHHHH} HH)-
=[]A\H==P@DHH[]A\fDfDHAUATIUSAHHHtHH==\PHTHHH&} HH)-l=H=P=H[]A\A]APHH|
HDLH[]A\A]DfDH=SHH==OHH==HOH[11AWAVAUATUSH(HHLDHIIIMHjLHH]HHH\$LHD$@HI$H3HI
HIT$H3VHHSH$AL;d$HSHuH\$HLLAN1
f.HA2THPL9rLHTH
TTHTTHTTH
TTH TTHTtxTHTtiT HT tZT
HT
tKTHTt<THTt-T
HT
tTHTtECH$HHAHD$oH([]A\A]A^A_HLHAWAVAUATUSHXHH|$(wH9IILMH%HRIMIHHBHT$0HHHD$8H
|$
IHL\$HLLLDLAL\$LD$ImHL$II1ISI1PIH;l$
MuHT$0L|$8AHHT$(oMHHt$@HAT$@M2IAT$AM2SIAWKT$BM2SIAWKjT$CM2SIAWKMT$DM2SIAWK

0T$EM2SIAWKT$FM2SIAWKT$GM2SIAWKT$HM2SI AWKT$IM 2S I
AW K T$JM
2S
IAW
K
T$KM2SIAWKtiT$LM2SI
AWKtPT$MM
2S
IAW
K
u/T$NM2SAWKECHX[]A\A]A^A_fDAfBD%B#IIuf.HHHBL|$@IHHHDHD$fDHHL$HLHIAHD$@H3HUHL$I
EHD$HH3CHHUIEH;l$HSuIAHLifHG LG(8HO0 @DEAED)AI9AwWHGHAOHDWHHW
HHWHWsNtO|1HH8WHH0W HH(W
HH WfDHH HOJLHJL
H)H)r1L9LrBDfBD
sGBDBD
X@fAWAVAUATUSHHLw(LoH@HHW0ILAHHC HHKIHAHIL9H|$sDKDC{D[KHD0{@0kH8A1H0CH0
A1HH(@s1HDK@{|$H @0{A1DCD[HS0@w%Ht
IL3HA2L$L3vLLAHC
HtHS01H[]A\A]A^A_f0C@0kfD2D$1E1D1C@sDKSDC\@AWAVIAUATIUSIHHH_(HT$Ho0@D$&uHwHIG
D$&D$'A)T$ }E,A)LHE,A)I LHE,A)I LHtmE,A)I LHtME,A)I LHt-E,AI LHtEoAGI LHEoAGI M9Ll$IVH HHIW
H9IW ImIMoIIFLtHD(LHDHD0HfII1WLIT$I1WLHHLH4$AGPAWueAGPAWuUAG
PAW
uEAGPAWu5AGPAWu%AG
PAW
uAG PAW
uAGHT$0I3$IIIVHT$8I3T$IVL;d$5H|$(Hd$H|$HDHAA0WHATA0WHAT$A0WHAT$A0WHAT$A0WH
AT$A0WHAT$A0WHAT$A0WHAT$A0WH AT$ A0WH
ttAT$
A0WHtdAT$A0WHtTAT$A0WH
tDAT$
A0WHu4AT$IA0WHHHH4$LT$0HD$A2$4IHHHH4$LT$0HD$A2$H|$,T$1H|$A2T$HPAT$2T$2HPT$3A2T$
HPT$4A2T$HPT$5A2T$HPT$6A2T$HPT$7A2T$HPT$8A2T$H PtsT$9A2T$ H
P t`T$:A2T$
HP
tMT$;A2T$HPt:T$<A2T$H
Pt'T$=A2T$
HP
uT$>A2T$PT$'L$ 1HLuHqHHD
HH)r19H<rfDHH4$LAoGD$&fD$0A1AGHH[]A\A]A^A_fu<tt1fD
fD1PfHD$0H$LD
tfffff.AWAVIAUATIUSHHHHo(Ht$Lg0@D$&uHwLD$&D$'A)T$ BAA)HA<A)H Ht~A<A)H HtaA<A)H
HtDA<A)H Ht'A<AH HtAOAGH HAOAGH
H9HL$HrHMoHHCH\$HD$(LHD$HD$0H$LMIfDLH4$LAFPAVueAFPAVuUAF
PAV
uEAFPAVu5AFPAVu%AF
PAV
uAF PAV

uAFHT$0H3LLHIIWI1VHT$8H3SIWI1VLL;|$@Ht$(HdLHtH\$MIHLLH4$H|$T$02AA0WHXT$12WAVA0
WH>T$22WAVA0WH$T$32WAVA0WH
T$42WAVA0WHT$52WAVA0WHT$62WAVA0WHT$72WAVA0WHT$82WAVA0WH T$92W AV A0WH
trT$:2W
AV
A0WHt\T$;2WAVA0WHtFT$<2WAVA0WH
t0T$=2W
AV
A0WHuT$>2WAVA0Wf.ILHT$'L$
1HLr}HqHHD
HH)r19H<rfDLH4$LAoGD$&fD$0A1AGHH[]A\A]A^A_f.u<tt1fD
fD1rfHD$0HH$D
lDAWAVIAUATHUSHHHX7L(LD$Lo0@t$@uHL$HwLAHC HD$|$A@@|$@;A)A|D)H<)H Htt<)H HtY<)H
Ht><)H Ht#<H HtKCH HKCH H9HL$0HPH HHHS H9HS ~IIMHD$ HCILLHHD$(ILHD$L\$8HD$
HL$@HIHIHI)xKL\$8AHHSHHHH HSHHSHHHH HS
HHS
HHHH HSHHSHH$HH ttHSHHSHH,HH tQH4HS
HS
HHH t1LT$0HC HC HHLH<HH tHCA0CI?AF0CIAF0CIAF0CIAF0CIAF0CIAF0CItAF0CItqAF0CI tcAF 0CI
tUAF
0CItGAF0CIt9AF0CI
t+AF
0CItAF0CI-AF0CH|$(LLD$ HAHL$@LHHHL$ALD$
HUHL$II9IV@H9@3+AofD$@El$I1Hr|ID$I$JD%HI)Dr19H48rf.LHHAoCD$fD$@1CHX[]A\A]A^A_D@t@A$
t1fBD%D1+fHHL$@+HsIHt$(H|$(LD$ LHAHL$@HLHHL$AHLLD
1D$@A2IEAF2D$AIEAF2D$BIEAF2D$CIED$DA2FIEwD$EA2FIEaD$FA2FIEKD$GA2FIE5D$HA2FI
ED$IA2F I
E D$JA2F
IE
D$KA2FIED$LA2FI
ED$MA2F
IE
D$NA2F@EAF2D$OEfA$BD%f.fDH|$(LD$ LHAHL$@HLHHL$AD$@1HL$A2LD$
E;AWAVIAUATIUSIHMHHHW0Lo(HT$@D$uLD$HwAD$LTDA)AA)HA<A)H Ht~A<A)H HtaA<A)H
HtDA<A)H Ht'A<AH HtANAFH HANAFH L9LHHwI~HHLHD(LMH|$
IHALLHD$(HHIH)$AvHLAVHHHH @HAVHLAVHHHH @HAV
HLAV
HHHH @HAVHLAVHH$HH tv@HAVHLAVHH,HH tP@HAV
HLAV
HH4HH t*@I<HAV HAV HHL tLAVL|$0HL$(HT$LLAI~ M9HL$(L9@ I9@H9@
!H@@IT$H9HS@I9@ofD$0A$AoNfAFH|$ HT$HA\$L1Hskt
EHT$LLAAoFD$fD$0A1AFHH[]A\A]A^A_fL|$0fHUHEHD+HH)r19H4rr1fT$02A$A0VH
T$12SAT$A0VHT$22SAT$A0VHT$32SAT$A0VHT$42SAT$A0VHT$52SAT$A0VHT$62SAT$A0VHgT$72S
AT$A0VHLT$82SAT$A0VH 1T$92S AT$ A0VH
T$:2S
AT$
A0VHT$;2SAT$A0VHT$<2SAT$A0VH
T$=2S

AT$
A0VHT$>2SAT$A0VHS2T$?AT$A0VyMIFLHD$
fDED+{@1fD+afDH9Ht1HWrGHH>H|H|H~HH)H)r1AN9NrDut@>tTfTOTTAWAVIAUATIUSHHMH(E9D$`L
L$EM@!PIIT$MHHBHDHHDL$HLLT$hAL$w8DAOItH<LI1MH>wIT
H4H:H1I<
H2IHE1H;\$uLt$AM=HLLT$hDIt<DA1E@>LHAwMLDA)D1IA,EAWMLDA)D1IA,EAWMLDA)D1IA,EAWM
LDA)D1IA,EAWgMLDA)D1IA,EAWAMLDA)D1IA,EAWMLDA)D1IA,EAWMLDA)D1I A,EAW MLDA)D1I
A,EAW
MLDA)D1IA,EAWMLDA)D1IA,EAWtaMLDA)D1I
A,EAW
t?MLDAOA)D1IA,EtMDA1AADD<>HD$D8H([]A\A]A^A_DMDHsLAOI:I1A~A@2uIXf.IIT$MHHBHD$HHD
LHLLThALw2DAOI|5H3H3HI1wIt
HH3HI
IHE1H;\$uLt$AMHLLT$hDMI|532IA6AM\53A2IAA6AWM\4A23IA3A4AWyM\4A23IA3A4AWXM\4A23IA3
A4AW7M\4A23IA3A4AWM\4A23IA3A4AWM\4A23IA3A4AWM\4A23I A3A4AW M\4A23I
A3A4AW
M\4A23IA3A4AWtuM\4A23IA3A4AWtXM\4A23I
A3A4AW
t;M\4AOA23IA3A4tMDA2AAfF<M_DHAOLII2SAAVuI5fffff.H7AWAVAUATE1USLH8HL$(HT$
Ht$H|$f.DA1DT- HH @s SHH @sHH(@ SHH8H0 @s SA HD$@k N0DSLHAE @s D S
LH @sLH(@ SLI8H0 @s
DEE D[SDA" IL9d$
AtqHD$MDILCH+HT$(B0LHLHEADTxDpLLD#D;A1E@H8[]A\A]A^A_fffff.AWAVAUATUSH8HL
d$xt[D$pMHIHL<AouS)$HLLAHICAUD$1oD$AVI9AEuH8[]A\A]A^A_fD)$HLLAHICA2ED$AFI9oD$AEuA
WAVMAUATIUSHILH(HD$`HL$D(Eu.1DHAAII2UAAVtMuIBIT$IHHBHD$LHDHTLHT$hS@sSSS
S
SSSSS
S
S S SSSSSSSSSSSSSSSSIUI3IIIVIUI3WIVL;tHlAE1MmHTLHThSLAuKSSS
S
SSSSS
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S S
SSSSSSSSSSSSSSSSDA2LHAaA2LIAAUDA2LIAAU)LA2IAAUA2LIAAUA2LIAAUA2LIAAULA2IAAULA2
I AAU LA2I
AAU
tpLA2IAAUtYLA2IAAUtBLA2I
AAU
t+LA2IAAUtLA2AD,>HD$`D(H([]A\A]A^A_DAWAVIAUATIUSILH(HD$`HL$D(Eu*-
fDIAAIIA2FAAGtMuD]AI_1DlLLMD$ME@H)IHL$HLLThDEUE1MU
U
U U UUUUUUUUUUUUUUUUHI)IIIvRLHHHGAH9IHIHLLLThDEUu@ELL$MMDl$Mu
HD$`D(H([]A\A]A^A_ffD\$HLLLLLIAT$hD\$LL$ADEUDLAuAA2HA_AA2IAAUBAA2IAAU'AA2IAAUA
A2IAAUAA2IAAUAA2IAAUAA2IAAUAA2I AAU AA2I
AAU
tnAA2IAAUtWAA2IAAUt@AA2I
AAU
t)AA2IAAUtAA2ADD,>UMU

U
U U
UUUUUUUUUUUUUUUUUHAWAVIAUATIUSHLIHAgLzLLHALLCD,L$0L\$CD,0CCD<0CICD<0CICD<
0CICD<0CICD<0CICD<0CItyCD<0CI tjCD< 0C I
t[CD<
0C
ItLCD<0CIt=CD<0CI
t.CD<
0C
ItCD<0CI.CD<0CLHHAAHUDsAoLEH[]A\A]A^A_ILLHM)LLC<L$0IL\$tCD<0CIp1DHEHEDHLHLHMHH
H)H)D^1L:9L9rC
M-TfT
MTT
AAWAVAUATUS1HHwHH[]A\A]A^A_IHIALIL)ILLHHvMtA.L$0IHD$AT.0SIAT.0SIAT.0SIAT.0SIAT.0SI
AT.0SItyAT.0SItjAT.0SI t[AT. 0S I
tLAT.
0S
It=AT.0SIt.AT.0SI
tAT.
0S
IuAT.0SLHHMoBD-
LHAWAVIAUATIUSHMHH(MHDH<$AI)LD$LAH$fH|$N+L\$IH)D$Lso1,IrswtARALAMAH(L[]A\A]A^A_@
1MD9LrH4Ll1DIBIIHTITIRHI)BDM)qA1MD9L
rR@IrsfDfDH@ARATATTfATH.AWIAVAUATAUSHL)MMH(IHHHHtHAAMH$uH([]A\A]A^A_fH|$HAH
H)D$sK1AAuqAu[ItHt$MLAAH(H[]A\A]A^A_D1LD
9LrH4HD
D
fDHAtf
Ad1DHAWAVIAUATIUSIHLMHHATIBLjH$IB M)HD$ZHL$ LT$LHHt$0HLALTHL$HCfoD$0HADI)D$
M1@@oVHHHD$LAHD$It$H}L9H9 H9H9AD aH9I9MoEfD$
oAMIT H9HC H9`H$HHNoCfD$0ADHDHH[L]A\A]A^A_fDLjAHD$0H$
M)LHMILLLT$LMbLT$z1DA1L0D9L1rLH@2A0D2fE0H2@A0]f.T$
2UAT!2UMKATT"2UMKATT#2UMKAT$T$$2UMKATT%2UMKATT&MK2UATT'2UMKAT$
T$(2UMKAT$T$)2U MK AT$ T$*2U
M K
AT$
T$+2UM
KATT,M2UKATMT-2U
K
AT$
T$.2UM
KATT/M2UKAT$MDCH<$2D$0HAD$C2D$1HAD$D$22CHAD$zD$32CHAD$cD$42CHAD$LD$52CHAD
$5D$62CHADD72CHADD82CHADD92CHADD:2CHADD;2CHADD<2CHADD=2CHAD$}D
$>2CH AD$fD$?2CAD$Tf1HAWAVIAUATIUSIHILHHAMoIM)LlHL
O,4LLTHt0HL$LAHL$ALfoD$0LT$)D$ Hw1ASA)ALHHAIVH{LEML$MI9L9@ M9@L9AD !M9@L9AD
!L9@I9AD @/L9@H9@ofD$ Ao$)L$ EAoED$02D$
HED$12D$!HED$22D$"HED$32D$#HED$42D$$HED$52D$%HED$62D$&HED$72D$'HEtxD$82D$(HEtfD$9
2D$)HEtTD$:2D$*HEtBD$;2D$+HEt0D$<2D$,HEtD$=2D$-HEuD$>2D$.EHD$HH[]ID

A\A]A^A_f.fDcHHL[]A\A]A^A_27@D2fD7HAfD2A7D1M49L1rH<LdLHL$MLLT$L$ A4$2@t$
MAED$!2CAL$ECD4L$!CD$"2CAL$ECD4L$"CD$#2CAL$ECD4L$#CD$$2CAL$ECD4L$$CD$%2CAL$ECD
4L$%CD$&2CAL$ECD4L$&CD$'2CAL$ECD4L$'CD$(2CAL$ECD4L$(CAL$ D$)2C L$)E CD4 C D$*2C
AL$
E
CD4
L$*C
D$+2CAL$ECD4L$+CD$,2CAL$ECD4L$,CD$-2C
AL$
E
CD4
C
D$.2CL$-
AL$ECD4L$.CD$/2CECD4C1AWAV1AUATUSHHHLD$IIHAIMIBHD$HjL)t'LT$HLE1LD$LHIHALTfLt
LT$E1LLLMF)D$ I)D$0ALLLT$AD1L LE1LD$LAHD$ HH|$ITHTHS1HH)I)I49H4
rHD$HHH[]A\A]A^A_HD$
A@A1ItD9I4rI4L0>@<f<H%ffff.1HvHAWAVHAUATIUSIHHMH8Mu(E1AHH8[]A\A]A^A_fDHH)tH$E1HAH
$IHfLT$I<HD$E1LL$)DLD L)D$ ALHDLL1utHD$L
LLL$E1MAHT$HDHULHILHLHM1HH)I)I<29H<1rH@
<
f<Hg
Jf.1I<9I<
rI4LAWAV1AUATIUSHHHHkPHHGHHH)HHxHHHHAH
(<HSPHCXHHHSPHCXItzH{`HAAt8)HT<H`H<HhH[]A\A]A^A_2H<H`H<HhH[]A\A]A^A_IHIHI?HI
HHMMHHLL!HHC`H1LHChIHHI?HII LIM1HHL<$LL!ILH1LIHHI?I1HI
LLM1LSxHLL!IIL1MH1M1H{pI1I1HL|$LMM1H1H1H
H$H1LLI1I1I1I1H1I1I1I1H1L1LHL0L8L@HLHLLL(HHHXH<H3T$H`Hl<HPHhH[]A\A]A^A_AWAVAUATU
SHHH8H`HHT$(HG0HG8HpHD$HG`HG@HGHHD$HG@HD$HD$(HJHE1E1HE1E1HDE1E1D$D$E1HD$
D$E111111ZDSGD[HDsIC@SAKBsC{DDT$D\$Dt$DCEDKFDSJD[KDcLDkMDsND{O2EHC@2UD$SA2MK
B@2u@sC@2}@{DD2EDCED2MDKF2ECGD$2ECHD$2ECID2UDSJD2]D[KD2eDcLD2mDkMD2uDsND2}H
t$H|$HD$D{OH;l$ HD$(HU0S@HU0SAHU0SBHU0SCHU0SDH}U0SEHtpU0SFHtcU0SGHtVU0SHH tIU 0SIH
t<U
0SJHt/U0SKHt"U0SLH
tU
0SMHuE0CNHt$H|$HDHD(Ht$H|$HHH1CHHD$oC@CLhHs
HHC@HCHHxCH8[]A\A]A^A_@HHFGGfDAVAUATUSH8HG0L`Lh1HHH H9HHG0tHItHHuvfDHt
IT@HA2T$T@uCHs`H{@AIItLL)MHs`H{@LA1H
A$0S@HAT$0SAHAT$0SBHAT$0SCHAT$0SDHAT$0SEHAT$0SFHAT$0SGHtxAT$0SHH tiAT$ 0SIH
tZAT$
0SJHtKAT$0SKHt<AT$0SLH
t-AT$
0SMHtAT$0SNHtAT$0SOfDt1[]A\A]A^AWAVIAUATHUSHHHXIV8IxHt$
IHL$M`Ht$IhHt$0HH9HIV8Att0H#Iv`I~@AAt1HX[]A\A]A^A_ApANL$(HILD$ Mt1IAxA2|JHI@xAut$,LD$
HDLLHD$0IIv`I~@H|$HDrHLIIDL$(LaIvIIHt$AC!EL$(HL$ H
HtAHD@LT$8LHT$IHDLT$8HD$@AVHUI3VIUHUI3VIUD;|$(uIT$D|$(Hd$Iv`I~@LHHT$
HHHD$L)HD$0HD$L|$HD$MIvHT$LT$(LD$
t$,HD$AVAVIA2NA6LHAVAA{A2PIPCAVEKA2PIPA>~APA{A2VIPC\APEKA2VIPA>:APA{A2VIPCAPEK
A2VIPA>APA{A2VIPCAPEK A2VI PA>AP A{

A2VI
P CAP
EKA2VIP
A>trAPA{A2VIPCtTAPEK
A2VI
PA>t6AP
DA2VIP
CtAPA2VPA1D$,D$,ApHX1[]A\A]A^A_T$,H|$v0t,L$,HD$IHD$0Iv`I~@HD$D$,H|$IN`HL$HIN@HL$@INHL
$f.HDl$(Ld$ IHDMIHTHtLIIAUIT$I3UIWIT$I3UIWM9uD$(HD$
IHD$0L|$8Ht$HH|$@MHlHDH=HD$8JANAtAoF@D$,IF@IFHAT$(Ap1fDAWAVIAUATHUSHHHXIV8Ix
Ht$ IhHL$IM`Ht$0HH9HIV8Att0HIv`I~@AAt1HX[]A\A]A^A_ApANL$(HILD$
Mt1IAxJHIAA2|@xut$,LD$
HDLLHD$0IIv`I~@HD$AT$,H|$v0t,L$,HD$IHD$0Iv`I~@HD$D$,H|$IN`HlHL@IN@HL$HINHL$fLl$
HD$8HD$0Ht$@H|$HLHD$8l$(LILMIHTHtLIIAT$IUI3T$IWIUI3T$IWM9uHl$D$(MHL$LHD$
HLHl$L|$LHLd$
HD$Iv`HD$0I~@LIFIWDT$(HD$HHAHD$0E<HD$Hl$DIHD$8HTHtLIIAFID$I3FIEID$I3FIED9uT$(HT$0
HD$8Hd$Hl$L|$HHHT$ HMHD$IvHLT$(LD$
t$,HD$AVAINA6A2VLHAPAA{CA2VIPAPEKA>A2VIP|APA{CA2VIPZAPEKA>A2VIP8APA{CA2VIPAPEK
A>A2VIPAPA{CA2VIPAPEK A>A2VI PAP A{
CA2VI
P AP
EKA>A2VIP
tpAPA{CA2VIPtRAPEK
A>A2VI
Pt4AP
DCA2VIP
tAPA>A2VP1D$,D$,ApHX1[]A\A]A^A_ANAtAoF@D$,IF@IFHAT$(tAp1fff.AWAVIAUATIUSHIH8HHO8LD
$ L`HD$HhH9H$H}tHHO8poAAM:f.IAFD2DqAIIAAEtMuEHHs`H{@H$HC`IHD$HC@HD$voD|$,MLt$
ILLIHL$IALHt$CIH|HIwMD|$,LHHD$tXLLIHHLLL
HH|$LAHD$Hs`H{@LHDISI)LHALlMHsHT$HxSLkA2DHAwAUSAAOA2VIAUBSEGA2VIAUAVAO2S
IAUBxAVEG2SIAUWAVAO2SIAUB5AVEG2SIAUAVAO2SIAUBAVEG 2SI AUAV AO
2SI
AU BAV
EG2SIAU
AVAO2SIAUBtpAVEG
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AUtSAV
AO2SIAU
Bt5AVE_2SIAUtAF2CAEB@D<>DpH81[]A\A]A^A_@Mu[Hw`H@At1H8[]A\A]A^A_DIv|txHHs`H{@H$E1k
@oG@oHG@HGHtp1oeAAWAVIAUATHUSHIH8HHO8LD$
L`HD$HhH9H$HtHHO8pDoEAAAEHRfIAGDqAIH2DAAD$tHuEHHs`H{@H$HC`HHD$HC@HD$vpDt$,ELl$
AHLHHtH|$LLIHL$IAIDHCwEDt$,IIt\HLL\$HLHs`HD$H{@L$AHT$LLIHL$LT$
ADl$L\$MML)DSH3HsHT$HxEMDHADKAAv2SHA$AWAANB2SHAT$AWEF2SHAT$AWANB2SHAT$AW
EF2SHAT$_AWANB2SHAT$<AWEF2SHAT$AWANB2SHAT$AWEF 2SH AT$AW AN
B2SH
AT$ AW
EF2SHAT$
AWANB2SHAT$tqAWEF

2SH
AT$tSAW
ANB2SHAT$
t4AWEV2SHAT$tAGB2CAD$D4>DpH81[]A\A]A^A_@HucHw`H@At1H8[]A\A]A^A_DHHHs`H{@H$E1T@
DotoG@HG@HGHEAEp1_UAAWAVIAUATIUSIMMW`Mg@H(HG0H,HG8HHhpH$AtLL$LLT$LA`LLLT
LHHH(HXLLLH$AoG@MAoO fAG@IH(LL[L]A\A]A^A_
O1LTLLL$)L^L$LLLT0uK0LLLLLTHLLLLT$L5fDL"LH([]A\A]A^A_fff.ATUHS1H1IJHIL$@HFs#u
ftAD$@Eul[]A\ID$@HEHtHtHEHH)H)r1L99L8rAD$@EDD@TfTfUSHH5kHWH.{HtHHHHD$&HD$H[]f.Hk_
J|SUATAUAVAWHLGL#H1H1DDHLDLLfff.IHMIL3DI<L3M3LM1Hx-
IHMIL3DI<L3M3LM1fIHMIL3DI<L3M3LM1IHMIL3DI<L3M1M3IILGLH$HH^H&fDSUATAUAVAWHIIHH
$1LFHFHMILNH^I<$L HMILELFHEHFI<T$L HMILMLNH]H^I<T$L HMILELFHEHFI<T$L
HMILMLNH]H^I<T$L HMILE LFHEHFI<T$L HMILM(LNH]H^I<T$L HMILE0LHEHFI<T$L
HMILM8LNH]H^I<T$L HMILE@LF
HEHF(I<T$ L HMILMHLN0H]H^8I<T$
L HMILEPLF@HEHFHI<T$L HMILMXLNPH]H^XI<T$L HMILE`LF`HEHFhI<T$
L HMILMhLNpH]H^xI<T$L HMILEpHEI<T$L LMxH]HLGLMLfDM3IVMvL1LHWH
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fAfLnfDfE8fDfD:DfAs9fEofAsf:DfAsfAfADofDofsf:DAWDoZfE8f:DAW~PfE8fAfDfsfEofAfEpNfAfAfEfE:Dfsf
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fH@o~ HDooZfE8fA8fAfofpNff:Df:Df:DHR H @ffffff.fofDofpNff:Df:Df:DffDo
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B)HHzorpovB o~A mzoz` DA1B DovAmzorP1DA9B DA mDovA1zoz@9Do~B DAm Do61DA9zor0DB Dov A
m9Do~@A1zoz DB Dov0Am1DA9zorDB DovPA m9Do~pA1zo: DB Dov`1DHH/AHAmzorpA9cDB cDovA
mc9Do~A1zoz` D)B D
WovAm1DA8WzorPADA1sDsA)ovB A WA m9Do~A1zoz@C) DB Do6Am1DA8Wzor0C)DDB Dov A
m9Do~@A1zoz DB Dov0Am1DA9A(WzorC)DB DovPC)DAWA m9Do~pA1zo: DB Dov`A1DAHHHffffff.zot
H
ovo~B oooHAmDA9zorDovB 9DsHkAmDA9zorDovB 9Do~H%AmDA9zorDo6B 9DsHAmDA9zorDov B
9Do~@HAmDA9zorDov0B 9DsHtXAmDA9zorDovPB
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,.>/pBqsrwJvtu~R}|yZxz{lbm$onkjj,hibrc4a`ezd<fgHIDKJO
NLLMFGTEDA@\BCT"UdWVS*RlPQZ2[tYX]:\|^_FNV^ f(n0v8~@HPX`&h.p6x>BJRZb$j,r4z<D
LT\"d*l2t:|GHASH for x86_64, CRYPTOGAMS by
<appro@openssl.org>fff.ATUSLg(HGXI9HW0HHH9ML$MIf.HCXIJJDxpD?D6D @rp
D6D @z
xD?D @rpD6D @zx
D?D @r
p D6D @z xD?D @rpD6D @zxD?D @rpD6D @zxD?D @rpD6D @zxD?D @rpD6D @zDC
D1II9JHCXLK(IL[]A\@H[H]A\@HvqH)HHHKHw0HHN[Ht
HCXH1fff.AWAV1AUATIUSHHHHHHGHHH5KIH)MMHHC(HC0PkZHHCX>H{8LH+LsLk
HL{LcSGK8CWCF4 SVSE4 CUCD4 STSC4 CSCB4 SRSA4 CQC@4 SPS?4 COC>4 SNS=4 CMC<4 SLS;4 CKC:4
s9SJ6 CIC8 SH0KWsWHCX6HKV< @psU<6 H
KT< @psS<6 HKR< @p
sQ<6 H KP< @psO<6 HKN< @psM<6 HKL< @psK<6 HKJ< @p{I4? HsH0P6 HCXp6HH< @pp
<6 HH< @pp<6 HH
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@p*p<6 H)H< @p(p<6 H'H< @p&p<6 H%H< @p$p<6 H#H< x@p"0P/4? pH!6 H
HCXp/P 6H?H.< @p>p-<6 H=H,< @p<p+<6 H;H*< @p:p)<6 H9H(< @p8p'<6 H7H&< @p6p%<6 H5H$< @p4p#<6
H3H"< x!@p20P?4? p H16 H0HCXP?p0@HOH>< PNP=< HMH<< PLP;< x:HK? H9PJ @xIP8< HHH7< PGP6< HFH5<
PEP4< HDH3< @0pOPCP2< x1HB? H0PA P@HC(H[]A\A]A^A_H
EAAz1ff.AWAVMAUATIUSH5DHIHISHHtMMLLHHtHH[]A\A]A^A_H5aDH1:SATUHSooFGoF G
oF0G0oF@G@oFPGPoF`G`oFpGpoootHWHtHOH~XAt@HH~0HH5CHRHHEXt"HK(HsXHHQH*D[]A\fH
aCE1AAy\D[]A\@HBH
HAHUSHfHHX1HD$ fT$-HG`H)L$ HD$!GpHxD$)D$/oHH|$H)L HD$(HT$
HD$H8HT$HSD$D$$fo$)D$01T$@T$1DAD1TBT1DCD1TDT1DED12DTFDGD/H?H)|4?DL4
>DD4=AEADAD @DAA |4<DAAAE DDD4;EAD @|4:AAAE DDD49EAD @|48AAAE DDD47EAD @|46AAAE
DDD45EAD @|44AAAE DDD43EAD @|42AAAE DDD41EAD @|40AD
"D4@HX[]fAWAVIAUATIUSIHIH(H_`Ld$IHI9f1HfHtLHIOpH3LIWxHHIOpH3PIWxHHuHUH1LH1HL$IWH
D$AAoI9fD$AnAu<Mo`H([]A\A]A^A_1LfHhH(1[]A\A]A^A_IGpIWxH|$I3G8I3W@AfIHIGpIWx)D$1At
1A0AtD1fE0HAt1A0HD$BD4H~D$HTDIWfD$)D$AAofD$AE1ALL5D9L7rLHXfffff.AWAVIAUATIUSIIHI
H(H_hMJ+HD$AH
61HtHHuLHHIGhIIOMHLRLAwXL@AW
XZAAoH\$IIWAoO8HfAAD$A2IED$A2FIEAF2D$IEAF2D$IEAF2D$IEAF2D$IEAF2D$IEAF2D$IE~AF2D$I
EtlAF 2D$I
E tZAF
2D$IE
tHAF2D$IEt6AF2D$I
Et$AF
2D$IE
uAF2D$EfDfAHL)D$;1AxAVA@AoBDfDAHD$IGhH([]A\A]A^A_DHH9\$Ll$1HfDHtLHtIH3LIIHHIH3PIHI
vIVI1I1H1LH1HLHDIWAAofD$EH9\$)D$Y1HS1VD1I49H4rHL4f4HAA1AWAVIAUATIUSIIHIH(H_hMJ+
HD$AH 61HtHHuL?H^IGhIIOMHLRLAwXL@AW
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EtlAF 2D$I
E tZAF
2D$IE

tHAF2D$IEt6AF2D$I
Et$AF
2D$IE
uAF2D$EfDfAHH)D$P1AAlAVAoBDfDAHD$IGhH([]A\A]A^A_DHH9\$Ll$1HfDHtLHtIH3LIIHHIH3PIHIv
IVH1LH1HL$IWHD$AWIIH3T$H3D$I1I1HTHDfoD$EH9\$D1H>1AD1Ht9H4rHH4f4HAAi1HBHwmAUAT
IUSHHHHWoILofoWHLf)$HLLof$)$TH[]A\A]HBHwrAUATIUSHHHHWoILofoWHLf)$HLLof$)$TvH[]A\A]ff
fff.Ht3SHw0HHXH`5-
HEH[@AWAVIAUATIUSHMH(AHLLu),@IAIHA2UAWtHuHvrHUMHHBHDLHDfDHLLT`w$ItI34I4
w
ITI3III1L;l$uL|$HHLLT`HsAA2LHAaAA2LHASDAA2LHAS)ALA2HASALA2HASALA2HASALA2HASAL
A2HASALA2H AS ALA2H
AS
tpALA2HAStYALA2HAStBALA2H
AS
t+ALA2HAStADA2AfD>HD$H([]A\A]A^A_AWAVI@AUATUSHXHDuMPIv/HX[]A\A]A^A_HX1[]A\A]A^
A_L\$IHt$8HqLHT$(HLMLLHL4@K6MHDHHD@rHCMHD$
LCH\$@HD$0IILD$L|HL
Ll$LHMHHD$(L4D0|$GIv!LH0D$FLH0D$ELH0D$DKHHHHD$HAHD$HKIM9uHLHLHl$0lHD$@HL$8H
HD$HX[]A\A]A^A_AWAVLAUATUSH8HLDu!IPHHv)H8[]A\A]A^A_fH81[]A\A]A^A_H$ILHMMAHxpH0
HIVHD$HDHHH\$ HD$
HBHDHDLHJ,8H$L4fKTHHHT$(LAD0|$'Iv!LH0T$&LH0T$%LH0T$$HT$(KTII9uHl$IyHD$
HHHDH8[]HA\A]A^A_DAUATIUSHHLd$LHHt"H/HLHDHuHH[]A\A]HL1+HH[]A\A]ffff.MP1IAWAVAUA
TUSHH>/tD$LIhHMLD$LHHIHD$
LM)HHIIDDDtMLLnI<L1|eHt$MILLLsHH[]A\A]A^A_ffDHzL|nHD$I|L1I%eLLLAH[]A\A]A^A_DAWAVA
UATUSLH(I@H=ILIILt$HHL|$LAHD$LAHD$HDIMLLu(HDl$HHAHPEL9sL9s*HL7H(H[]A\A]A^A_D1@
LK<,H5b=L)buLfH5A-LAoL|$LCIHCL9,lIwAWAVMAUATIUSIDIH8HWoH|$)D$HAUHDHTH\$
8D$H4HH?H HT$%H1IHDHDHH~DHTAoDIUIIf)D$ AUHD$ HTHLH1IFHD$
HD$(H1IFIHD$(_1H8[]A\A]A^A_fDA0IH\$ IL$HH,H?HHH I$HD$H1H1HT$ HI3THT(IUAUHL$
HD$H3D$(H1MHL$ HD$(AD$T$ IAVD$
|ADT!IAVD$!_AD$T$"IAVD$"BADT#IAVD$#%AD$T$$IAVD$$ADT%IAVD$%AD$T$&IAVD$&AD
T'IAVD$'AD$T$(I AVD$(ADT)I
AVD$)t{AD$T$*IAVD$*tbADT+IAVD$+tIAD$T$,I
AVD$,t0AD$T$-IAVD$-uADT.D$.AV@HL$ HD$(HL$IUH~DHDDHfD)D$ AU1foD$
fD$AH8[]A\A]A^A_A$t$ IA6L$
xALt!IAvL$![AL$t$"IAvL$">ALt#IAvL$#!AL$t$$IAvL$$ALt%IAvL$%AL$t$&IAvL$&ALt'IAvL$'A
Lt(I AvL$(AL$ t$)I
Av L$)twAL$
t$*IAv
L$*t^AL$t$+IAvL$+tEALt,I
AvL$,t,AL$
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L$-uAL$t$.L$.AvHD$HH~D$HTDIUfD$)D$ AU1foD$ fD$AFAUATIUSHHH@H
Z@IHHtBH8ZfHHpHHx|]HHH[]A\A]^HHHtNLeHEHH8HuAmHbH1Am@1fD1@AE1{fUSHHt5HHHt*H8fH;8
b1ttY1H[]1ffff.ufDH
%HAem{1H`Ht;)u"H@DD)uHHH9uDD1ffff.HtCATUASHH [HxDH
4HHtHH^H[H]A\@1HfHtkUSHHHwJHHH3HtHHH[]H@eH
$ABAszH1[]fD1ffff.HHt(?t#HfD?t
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)k<k<)A)_DD[]EAQAUATIUSDiJkB<AD
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4HTAuHD[]A\A]A^A_H=q=H=]=H$D%<AD$<X;<L-UfDHa<HH<HC1*H==HSA*E9-+<~i)jL(H)HuH
TAmAjE1OnH==CfDH=a=DXMtL8H$HtHHHL$HtHH@V)AWH=@)H= =HE1yH
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E11HD{uExjLu~I
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H!%tHt$ L|$DHJHDHAA)Mt9HcL$~0HLHL$9D;d$HLDIL|$D$$HHHu HZH$HHt8H|$Ht
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E ^H{CuHEtH5E,HHEtbH;HtH5#/yHHEt@HHH[]H{H&HHEts|f.H1fH
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A
e1
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AkAk_R1H5sHD$H[]A\A]DH=<<H=m<x<H=Id;HHR<1_DH=1<;HH"<17DHH=
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b<@Hb<t@H=b<(@H5yb<@H
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XAjs'1F,H
)Auzs'1mFLHJ8H
A|s'17FfH
A_~s'1
FM!H

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HD1HHH5{1~ [HH56X<QHtKUSHHHH
F~HH{ tEH5rB8t1H[]f.1DH{ H~H{ H5u ATUISHHHt*H5sLHt!HtHH!t
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1HIW(HcIH)Ht$IO(HH)HIO(A=AWIwI+IwI b9AfulI 11A9G(AHfDI A11I11AE1H([]A\A]A^A_AI
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HAWIwI A9GfA?I_tOH\$<
t<
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t<
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HT$@uIGAAHD$@H<HD$H%H=zoLH=oLtI~qIF8AF0HIIFHT$pHHT$@
HT$@IGAAHD$@H <HD$HkfDI~IF8AF0HIIFtLHT$pHHT$@j
HT$@CIGAtAtHD$@H<HD$HfDMLt$(L01@HHH9|I9H1H|$hH5rH|$pH5rH|$xH5rHH[]A\A]A^A_DLt$(E1SH
HH
PrA6At V1Of.19@15IvH HDxHDxIF8H$AF0-
H<Lt$@E1HT$pHD$HMLt$(%lI?LH__1HHt@HDH`CHMLt$(AH
2q
t >MALt$(ItIiI8^Lff.AVAUIATUISHIHoHtBHL1jHHHLLHH[H]A\A]A^DH
apAs 1eAWAVMAUATIUSHHIEHHtEHHhHHHHHHD$H=;HEHLM8MDE0EHKH}DD$L$:HIL$DDMLd

DDLD$LuH]HM LLL$LcD$H5>jLLL@1YfDHxgHLH$XMEHL%ZY~wLd$HuHtL17LCH[]A\A]A^A_@A
H
nqu 1Ld$fDLd$1H
QnAu Ld$RpDA(AUATUSHHt^x-Hc< $HcfH| Hu^HcHcHH
H[]A\A]HOuw?@
@
FHLd)@8@
t@
t@<t
 HCHHL9Htui@~lDfHE1IDA:H<HSAuH'<
<
I9uAuHHcHLfDHATUISHHt.HH9HLOHc@H[]A\DT$T$H
lHLHD1AH@zuL>H[]A\H
*mA;md 1Ljf.USHH
H<H
)lt!H
'ltH
(lH*lHEHHl[]H)1aAVAUAATUHSILcHqHkHA)Ic1LHTa~HA)HHE~KIL-/A)HHHL9t'1IcLHa[]A\A]A^A~
fE[]A\A]A^AWAVMAUATIUSHIMHHT$HaHHT$tOHHj1HHMMLHL"HHHH[]A\A]A^A_fDH
QkAqf
1EAWAVAUATUSHhHH=D$H?HtnILl$`H1MILLAAEDD$L{jH;LLAHLt$(AVDD$ZYuB1Hh[]A\A]A^A_fDH
qjAj g1xHtH31MLHHDLLH
jAej LLLL1LD$xL=@L=D$5DH
iAhj 1H\$DD$LLLHELL$GHct$LHHuLLL$#HcT$HUBfDkAOAWfAVAUATUSHHHF<
LnHH5)i
HAC
 t H{fHH t t4/{,%CLs t uHIH t tH5h LxI^ H5gHHeAV < t u"IF
DHH t t
fH{H5g AoD{
HS
A EtA u(Hf.D;HHA EtA
tEtQA,wHL9HBHfD0HExA,HHHTHTHEHHHHHLHL;,VHH~P1LH~~PEIHlA>EA)~pDIHcLA
 I9ufDAHD[]A\A]A^A_H
9fAkk E1,LH@EHA HEHD3t
A HCHH t tH
%H
eAjk 7 I9H
ieApk E1\H
@eAik E13HH
eArk ;,H
dA'k E1fHHEHH
dA=ge)H
tdA$k jDAWAVIAUATMUSHIHHH.fHIHfLH5cHHD$yttA1H
cADr 1LeHcH HH[]A\A]A^A_fAA1fDT$LH;D$sH5#HVHB~<HHHD$HL$9+H5bHH5bv HHPM<HD$<11Hl$
Ld$(HD$ALt$M)EM~XIAIcMNHL$HT$EHL7etT$<tH|$ HT$<9tA_l$Ld$(Hl$ HT$HL
hT$<~HHA;D$<H5a HAp Lt$LHDTD9H5u!H7l$l$<HD$<DHDG@AWAVMAUATIUSILHMHtHT
 D$0D$4HD$'1LAAxH5aV
HIcHHDHl8Ht$8LAHD$0ML$>Ll$@HLW]jLLAHHLT$XE1ARD$LT$8ZYLT$(M9

LLT$($XH@Ht$LLnI1LT$(ML1MHLLTLTDD$0HT$4HHLqLT$tsHct$4HT$0LH;tLT$tUD$4D$0D$0H
_AP
i 1HDLLl$@LT$P1E1L@D$3L3LmL2Ht$H_HD$H[]A\A]A^A_1E1LT$P@LLl@LTPE1Ht$H|$
LcHLLT^{D}0LT$;H$H$L"$$$M~H
E^Aeoi E18Ll$@1LT$PL}HHD$tHuAJH
]qF@HH|$HHHHD$H=bLS1LT$(fH
i]AXAi _$fAWAVMAUATIUSHIMHHT$HHHT$t_Hj1HH2HHMt$hthMDhLHLP:H HH[]A\A]A^A_H
\A*h 1AWAVIAUATIUSHIMHHHtIHL1jH|HHMLLHH[]A\A]A^A_DH
[APq 1AWAVAUATIUSHhHt$ HTHLLD$(DL$]HHDHD(HHDHHD
HHD$HD$$$tTHHHIHD$8MHD$0VHMH5[wHRfHHHIHD$8MHD$0HH5ZHDl$AHfDHLDH3H5ZH~uHcH5Z
L|LhuD$AAHcEH5ZHHIHsHHH5YHH5YHHHD$8Dt$LDHHD@1AfHLE]Hc:HHADH}
uH5Y HQYDL$HE[H|$@H^A\AD$HD@H
XAA E1E1H|$Z4$H}X1LH|$8t~H|$0j~HhD[]A\A]A^A_DH}
AmDt$LA<H
Xf $H5WHH|$YfDH5WLAH
WAl D$EH5sWHE1CH|$E1vY@H
IWA E1<E1HD$0HD$8yfH
 WAA E1H
VAA fDHVHE1E1@H
VAA E1E1H5eVHHIeHsHHH6VHH5VHXfDH5aV H,AT$H}
ADHD$0AHD$@H5U H>T$8H
lUA,p Dt$L]$VH;UHH|$?WH
UA$A [Dt$LH
TAA H5THMH]
LELHHIDt$LJ<#H5TEuHD$0HD$8HD$@HD0H;THH\$H[H|$0HL$X1sVHDXHTPHHpLHDD$Pu[HD$X
HctPHTTH|Hp_DtTDtPHDXIcEDt$PHH|$811D$xHHcEH5eSkLt$Hc|$PH5JSIMHL$HI>HGH>HH|$8Hc
A8{HD$H|$0HHDTPH0{HcDPHL(HHD$
 L8E10H
RAd E1Dt$LAT~H
RAJf H5cRLt$Hc|$PH5HRIHL$HI>Ht
HHR1E1lHD$HR1H8QH|$T^H5QHD$H5QH8PH5QHqf.ADAWAVIAUATIUSHIMH.HvHtIHL1jHHHMLLH.w
H[]A\A]A^A_DH
QAl 1ATUISHLHH19}"HHcLH)HHu{ t[]A\@1[]A\HS[)]A\AWAVMAUATE1USHHHDHLdXLtPH|$
Ht$(HD$HD$@HT$0LLHD@HDHHDPHDXHDnH5OLH|$HH5OH|$PH5ODHTMHt$LLVLl$@HLtb
H=.OH$H=
OLt*HXILHfLL$`H|$HLLLLLH|$@_HN1,H|$HHN1Ht$XH|$PHN1H[]A\A]A^A_HyN1LH|HH^N1HtXH|$P
HANfH=^HHjH=hHLuH=THHH=LLuH=LHH=rGLuH=[GHTH=}LLUH=jLHHGHH;C{M{Su
{HL{S{H5FL~XLL$`LLLL$8Ht<HxpH|$`LL$8LL$*LL$EHLeLl$@=D$%L$l~H5KH1L$_fDH=KLHEHL;C{M
1LH>H]+LHLLHt$PLOHD$PH\$
H|$@HHD$XH\$(HHD$0HH8H|$HubH5JPH=JHDLl$@fHJ1H5yJOH|$HH5cJ9H|$PH5MJ#1@HH
Ut0H
J1aH|$HHI1IWH5IH|$HH5I+Hjt$1Hfff.Hjt$HUSHHHHH(HDHDHt$H|$HAQMI1ZYtqHDHtHTHHDHHt
(H|$H5I"H(H[]H
aIA!
g D1AVAUIATU1SIHHHI1HHLLxdLHnHIHcLMteLLHy:HtMMtI>WIHH[]A\A]A^H
H AhxH1\@AUATIUSH1IHHt1HHHLLHHmHH[]A\A]@H
!HAy
1]ff.IHH=s;IHH5FIHH=S;IHH5F!HHH=;jHjH5FjE1E1WH(fHHH=;jHjH5FjE1E1wH(fIHH=;IHH5@IHH=;IHH5

@HHH=;jHjH5i@jE1E1H(fAWAVIAUATHUSAALMHHH/HHu?Au9EHLMH#8H[]A\A]A^A_MtsSjL$`DE1E1
HlIXZH17MtELLu&qL'Dy@{H$XL|$H$`L$XAE~hSjDDE1E1LHDT$IlHct$LIY^BfH
EAIs~ 1H
QEASo~
1H6AVHt$AQIAPE11H(Ht$AQIAPI1H(ffff.Ht$AQIAPIH(f.Ht$AQIAPE1H(ffff.AWAVMAUATIUSH1AEHHtG
HHHt$HAWHAVME1D12H
HdiH[]A\A]A^A_H
CA} 1-ff.AWAVMAUATIUSH1IEH,HtGHHHt$HAWHAVMM1H HhH[]A\A]A^A_H
QCA} 1ff.AWAVMAUATIUSH1IEHHtOHHHt$HAWHAVMMH HhH[]A\A]A^A_fDH
BA} 1AWAVMAUATIUSH1AEHHtGHHHt$HAWHAVME1DOH HgH[]A\A]A^A_H
BA} 1Mff.HHH=;jHjH59;jE1E1H(AVAUIATUISHHIH HHDHHDHtH|$HQH
r@ZYHDHL:LHD$HqH==@HHT$Ht$1HItzLl$ 1HHLSLLffLHHcLHt+HyMHt
I<IH2Hu$H
@AX
{ 1H<$H5@ZhHt$H|$Hw@[H H[]A\A]A^f.LHe~H4$1HkH]HL$8HT$L H;HTHt11HH#HxMHf.H
?A@h{
1LU1bffff.AWAVIAUATIUSH;?IHEHhHFPH\$LL$HHH1+3HH=p;M$LL$HLHAQAWM|H[]A\A]A^A_f.HFLT
$HtHxHtLT$Kff.ATUISHH
7E1H HHDHHDHtH|$HjZYHD$H<$H57HD$bA~cHHtVH4$DHt;HCH@pHt.Ht$T$HtHtBH}.H]3HH
=A
1H<$H5=xH|$H5=jxH
H[]A\fDH
1H[]A\f.HN1HteHyxt^ATUH5=SHHPHPHIIL%1HCHHHLE1E1HxxjjjHp[]A\fDfffff.AVAUIATUISHIHo`HtBH
L1jHpHHLLHHa[H]A\A]A^DH
q<A| 1eAWAVMAUATIUSH1IEHlHtGHLHt$HHMELH%HaXZH[]A\A]A^A_H
;A 1ff.SIIHH HHDHHDHtH|$HQH
4ZYHD$H4$H=4HTHDHt$HtFHHtFH<$H5;uH|$H5;uH H[DHHuH
:A
1fff.AVAUIATUISHIWH/^HtBHL1jHnHHLLHHY_[H]A\A]A^DH
1:A 1%1!f$fAVAUIATUHSHIIH@H59Hc"tHHtTHT$HLH1~T$HL>A$H59H0OtH[]A\A]A^H
9A$Ap
1MIHH=;;IHH567IHH=;IHH57HHH=";jHjH56jE1E1GH(fHHH=;jHjH56jE1E1gH(IHH=;IHH56IHH=;IHH56qHH
H=;jHjH5`6jE1E1H(fHHH=b;jHjH506jE1E1H(AWAVD~AUATUSAH(L/H|TyHaHH-
H$1DLHID1IH$LHIIM1DHHL$HIHL$HTHHD$1HPHH$HI*HIH$ILLLHD$`LLHDLHHD$*LLLHc<H$L
HHH)HHDHLHH(H[]A\A]A^A_f.1DHcHIHDHHHDX@E1E1fH
Y6A0A
LL$H"LLLLH<$H1LL$Lb)1DE1H$E1E1E1E1l@E1E1E1E1WE1H$E1E1:f.E1H$E1DH$E1AWAVAUATAUSH
XL7H|$8T$NIvMHZHQ<HI@A6HI^qiAE1HD$4HI|$4D$HH|$HA1HADyHHD$D1DHHL$@HSHHD$H\$@1D
H3HHD$H\$@1DHHHD$ H\$@1DHHHD$(H\$@t$41HHItRHT$Ht$LH\$HSt7HL$(HT$ LHtHDHD$fDH
3ApA 7LOLGH|$=H|$3H|$)H|$ H|$(L
LuH1DfE1LLLLLHt%L-HD$8HHXH[]A\A]A^A_HD$(HD$
E1HDHDE1HD$E1DHD$(HD$ E1HDHDE1HDHD(HD$ HDpHD(HD$ E1HDHDHDSHD(HD$
E1HD$HD$$@HD$(HD$ E1HDDHD(HD$ E1fDHD$(E1E1ATUISHH0HL$HTHtHDHDHDHD
HD$(?HT$(Ht$ HH|$uH|$=t4H
0A~ 1iH0[]A\fDH|$>9tH|$,9A$DSS1fDH|$(=A$DSS2ffff.AVAUIATU1SA1HH@HT$]H|$ HHEAt
AERSA1H@[]A\A]A^fHL$11HAERSA2H|$]PHD9LHT$ Ht$HDeHT$8HL$(Ht$0HA{H|$(PHD9~8H
Y/A'~ 1H@[]A\A]A^fDH|$PHD9H|$ PHD9H|$0PHD9sH|$8iD9UsAWAVIAUATHUSIAHHLLD
$(tu(LDH$1HHHL$PlPM>+HD$(D$M5;HHD$LI_ItAGAGAoEAG1AG1AGfAw

fAAGAGEAGbHD$8LD$Lt L/HT$L1HnS1fST$LL{Cc
CSs S"K
SCLIHLLD$00HL$XHT$`Ht$PLD$4H|$`LL{Y\$0H|$PLFHT$pHt$hHcLI\$0HTHLxH$L0\$4H|$hLLcH|$pML
MHLMHLMH|xLT0H|$XK4'EAHD$HL$
H|$HAEHIpo1HLL~fDH|$8I>|DDH[]A\A]A^A_fDHC&~H\$8I_(LhHHHtH1ntl@H|$(H5*\"eD$iDH
*A@h
H|$7I>'fHt$8LnHt$IcLVL$1LLYL)AH|$E11LHLLl$8L+Ld$xH|$DEILLL>KHct$xH|$LLA.fDH|$6I>0HD$(I#LH
LxHTpHt$hHIHD$hHDpHDxHH#HTHLH|$htD`H|$hLDIADIcH|$pILIyH|$xLDIfH$LQfvIG$AGHc|$H
5L(bHHD$(tqI6LHT$L1HW""f1)@1IDADfAL$
A=H
'AA VmHHHT$v
A`t(H
q'Az 1HzHHJrRDSS1tQRSA2DSS2VHL$T@9H|$1HA~H
&w oBf.H
&Aou ?f.VHL$NTJ9wH|$1HH
I&A{ 1RSA14H

&At vfffff.AWAVAAUATMUSHHHH|$2EIHD$@1HLHD$HAEAH
y%h8{H5d%
`HHHDHPHIthi1HLv~Ll$
 LA1Lg2LjH5$Hf_HHH[]A\A]A^A_1Ll$ fH|$LH 2H4$LLkHt$IcLSLl$ 1LLLu@=fDH
A$AA 1L}12CLt$Lt$IHEHD$#CLu$E11LHL!FL|$HL$DCLLL8Hct$LLL;yE=RSA2=DSS21HD$%AEfAE
gE11LHLE+HL$DCLLL7Hct$LLLZ;E=RSA2t=DSS2u^H|Hl?HH
"A} _f.{A
H
"Ae "\ffff.HHHT$v
t7AfH
1"Az 1HzuZHHJrRDSS1RSA2tcDSS2t[H
!At jH
!Aou ?Rf.AH
s!x "f.VHL$TR,9wH|$HH
!A{ 1fDRSA1VHL$9wH|$hHAVAUATUISH H\$HoGD$H\$A`<1<tH
H[]A\A]A^|DDl$=DSS1=RSA2P=DSS2HD$ AHD$AEl@H5ZHHHLHD$F9H
A{ 1RH5HZH H[]A\A]A^fD=RSA1]A~H
`w 1H H[]A\A]A^f.1EH|$DHnH
 AA 1FHD$ AUE1HD$AElPfH
Aou ?H H[]A\A]A^H
qA{ 1HH
9A 1H
 At 1pAVAUATUISH H\$HDD$H\$<t 1<6H H[]A\A]A^fD|EDDl$=DSS1t==RSA2t=DSS2H
NAx 1HD$ AHD$AE\@,QH5WHHHLHD$C9tLH
A{ 1aH5HWH H[]A\A]A^DEH|$DHH
YAA 1H
1Aou 1H H[]A\A]A^DH
A{ 1H H[]A\A]A^DcH
H
A 1E=RSA1uIA]HD$ E1HD$XDH
aAfx fH

9At 1zAWAVAUATIUSHhH|HD*tXLHT$1HqA6P@AlPH5Hc1UHIXL@1EwfAGD$I_AGAO AGDAW
AG
DAA"EwAGNIHLAsHL$(HT$0Ht$
LD`H|$0HI_AH|$
HDHT$@Ht$8IcLHHLHHTXHt$PLMc|H|$8HDLIH|$@HDL6H|$PHDL#H|$XHDLH|$HDHH|$(J4+DH|$LDH
5LbS9ZHh[]A\A]A^A_f;HLHHT@Ht$8HIHD$8HD$@HD$HHDPHDXHTXHtPLbH|$8D`H|$8HDIADM
cH|$@LHHH|$HHDLH|$XHfvHC$CLXHT$1HiAtB@"A"l@H
AA 7fDAWAVIAUATHUSIHHD$tL"HT$811HHNH|$8
KHHD$RSA1HmAA}H5L$HgQHHL$6D`L@1KfCD$Lck
Cc CA"S
CK>IHLAHL$0HT$8Ht$(LQH|$8LH|$(HsDHLAH5AHZPA9DHH[]A\A]A^A_H
A'~ OHL$(HT$ Ht$HIHD$HD$ HD$(HD$0HD$8tHT$8Ht$0L2H|$DhH|$LDIADMcH|$
MLIH|$(LDMMH|$0DLfvIGAfL(HT$H6@A"A"l@,H
jAA ff.AWAVAUATIUSH8H4HtHT$:|$uDt D|$$A(w Av@1'@H
Aut 1mH8H[]A\A]A^A_D$t EG,>H5L/NHHDHL5:D9t@H
YA| 1H6LH6OdLDHDDH)H@H
A| 1H
AA 1]H
Ay 1-USHHH|HDx`Ht$H_=H|$H53iL9u3H
Akv H[]fAVAUAATUISHA7HHD3/HSHLHHAt4AHHt!HXD.HE[H]A\A]A^DA!H
Au#1HH
aAAu#1USHHCHHtBp.HCHHC tNH5O;HS HHtfHH[]@H
A3Ar#GDH
A8Ar#H1%CH
A=dr#ffff.SHH31uH{ H5;[]DH
1ALy#1[AWAVAAUATIUSEEHHt$jBHHHap-H*aHDLDH`HHHC H@HxsHC H@HxHhNHC
LD$PAHT$H5;DHL`HID$HH[]A\A]A^A_@IHtH
Abxs#oH1uAH
A]As#?DH
AnAs#DH
Awgs#{f.ATUASHHH*/u5HC DH[]H@H5v;AA\HxL@if[1]A\fH2HHWHH5;HH
HH@SHGHHx.uHCH5_;[Hx DH

Ay#1[H
a;B@HQ;TS@H=A;tf@H51;X@H
Q;tB@HA;S@H=1;4f@H5!;DX@H
;4B@H;R@H=;e@H5q;X@H
;A@H;R@H=;e@H5;WHHAHsHHDHAHL$@t$SHHHAHHHDHHAHHHDHHAHHHDHHAHHHDSHH[1Hffff
.H1Ht8uH@Hx0H8D1HfHGfffff.AWAVAUATUS1HxMH|$H=;MH4$HLT$5`HIQHxAHtEAI$HHhHlDw7HH
EAUAL|$@AWPL$,t$(H|$;H He4HEAAULl$0AUPL$,HT$0t$(H|$ H LD$H|$ML1H&@LLHx[]A\A]A^A_H
I
A7kx#LDA=H

j@H

A+ex#wzATUISHHHDDZ1HHtdHt$HEHtT$HHt?Ht$HPHtT$HHtMtI<$Ht*Hnu
H1HH[]A\sHI$tHHgnuI<$JoI$AWAVAAUATIUSHADMHAHEHurHUEE11LE1HHjXZHtNMtI<$HtUHmu
H1HH[]A\A]A^A_DDH-

{1H0HrHI$tHHgmuI<$JnI$ATUE1SHHALHH;tyHE1U1HXZHtH;Hlu3EuH691H[]A\H;mHH[]A\ff$LD$L$qHH1
HtAHtDL<$=f.HHIUSHHNHHtHHtHH[]DH1@AWAVAUATEUSIHLHxH4$$D$H|$$HD$
EEHD(D$$DDEDDEHHM/1Ld$(&DHfpLHHH7p9|HD$(Ht)LD$$H|$
DHHD$(H;HH~oMHD$(LL$$H|$(EDLMHHhL>xL?H}HeH3XL>xL>H}H0HH<$tH4$HTHD(HH|$
E11HHD$(@M_HVLH[vGHL$HT$0HHOH|$(HDH<$HtH4$HIt%THt0H@H;L%:;1H1H|$
LmH|$(HmHxH[]A\A]A^A_f.1HHmH|$ 1HD$(nHHtL%;H|$ LRmHD tH1E1jDHtHZYd;Hf.1=Ht$0H)H
A:hi#>AWAVIAUATIUSIDMH(THHT*IODL$hII?LC7H#+<(H5-
Hc;HILl$ALHHLHct$LHHL)H|$`tl$HD$`(MtM<$H
H(L[]A\A]A^A_H
A)sw#E1fH5L4E1:H
A6w#~H
A!Aw#E1RH
iA/Aw#%f.H59L<E1):H
"A?tw#8USHHDH(IHjEHDPLL
 HZYHcTHDHt$H1HD$4Hu&Ht5H|$H5s9H(H[]Hct$H|$aHuH
eArej#{fH
9A^uj#1Mff.AWAVEAUATIUSIALH(H|HD`tHHHt$HLDHL$HjSLKH|$DALHZYEH|$t
HcmH|$H5qg8H(H[]A\A]A^A_DH
IAAl#_H1sH
Afl#/DH
Agl#H|$H57ATUSHHt}H8 tULcID$uHkrHHE tmH[]A\DH
A$wm#g~H1H[]A\DH
IAAm#/~DH
!AAm#~AWAVAUATUSHxH|$(HT$0LDDDL$
3HHwH$*,H$AJ,AD$<KEBIcjHHt$HH5v6IckIHHt$XH5W6A~H5|lIHc<6HD$D$ADAAD$@hD$`D$dHcD$`H5
0sHHD$P5MIMH|$HAFt$ELHPHD$hHN^]D$@pLD$0|$1HHcAAHH9uLD$d~,xLD$(1HDHcAHH9uAFLl$L|$
Dt$(Ll$XD|$ LHHD01LHHTHHtH\txHT$PHt$HFtb1LHUtQA/LLHt.1LH!tA91LHuLl$L|$@E1E1E1HD$H
gAAo#1{H5DL3H|$H5+3H5L3H5L3HAHx[]A\A]A^A_AD.AADdL`L)@l<9LHNHce9$)$L$1H|$DD$(fD
HcAHA9D$`HL$Ld$@E1H\$XL$H\$HDd$(HyHL$LthHl0Ll$ ALILEHMM)@IA177fM9LuEHE9|Ll$
Ld$@H\$XL^LlL|$2ffff.USHH(HHL$HTDLDD$!HDD$DLtH|HHtXtXDXPH
D$~HHct$H|$H13D$H([]f.HDD1H(1[]H
A*An#Wx1USHH(HHLHTDLDD"HDDDLt$H|$HHtXtXD$XPH
D$~HHct$H|$HH%2D$H([]f.HDD1H(1[]H
AAAt#gw1AWAVIAUATIUS1H8HD$(H4$HLHDHD==u.HHL$H4$LHf.L`9LE1`HH
 HtLpHE1HtLhH=U=uMtI?uH{H3-
HIgH81[]A\A]A^A_fDHx==HHHtMtIuAUH(ot/MtH|$L3H|$HZHjH8[]A\A]A^A_MI?H4$HHH)HH,HII?sfDH8
[]A\A]A^A_Ht$(HemH|$(H5D$-D$%5f.AWAVAUATIUSHHXHHt$ HL$(LD$0tHHD$(HtHHHD$ Ht 811H(HD$
]HHDH,HHD~HDHDHD$8f.D$H|^9Dt$H|$ ^HxHm\uHt$ H
IM1@D=%=u&H~HLHt LHILu]9LE1p]HHHtLxHE1HtLpHF=]=uMtI}uH*H)HIEeDH5;La\H5;H|$P\H
9ASrv#1rnHH8AFH
qv#1}rHD$%fH
ANAv#1MrMtI}o]IEL|$(MtI?gIHfH|$H5;u[HX1[]A\A]A^A_@H5A1HoH|AABHT$
+[HHD$>=DH=HHHMt$IvAHjuHAf\@MtH|$8L.H|$HUMwI}lHt$
HzHHH'HIEI}/f.H5a;L!Zl@HIHt$HHhH|$HH5A@)E)fH51;H|$YDHU1HeH|$tUHHMtI}tHD$(HtH8t,HD$0HtH8
Hu5YHHD$0HH8uIuHuh@H
 A/iv#oHX1[]A\A]A^A_fDH|$H5;XHX[]A\A]A^A_HD$(H1
1HDI@HtGATIUHSH8LHzMtHCH@I$HtHCH@HE[]A\HtHHtHHtHHtHfDAWAVAAUATIUSHHHGHLLD
Hx

VHCAHPHxHJHHL$
L$$tAHCH8Ht$01yHL$0H|$811rlH|$8X
H >HHHuHAJ1E*)HEAUDLHDPHD8PAWL$DHT$8#H 7I1MtHt$(E1HDLBH|$(@DLDH[]A\A]A^A_fH
A\yk#l1H
aAivk#l1H=gHL$IEDLAWj`L$4HT$(eAZYH
Awkk#D$FlHD$@E1HD$(D$H
A}kk#D$E1lD$HCLH@ HcHpHTHtLfo$L`)D$@fAoGPA
)D$PNHD$@HD$(ffffff.AWAVAUATUSHHHGHIAHx
5HCAHPHxHJHH$
L$t{AHCH8Ht$ 1vHL$ H|$(11RiH|$(8
aH:HH
HUHAD$&E*=)HEAUDLLd$@ATD$$PL$(HT$ H YHIiT$E1HLHs@LL%@H
A\yk#iH
hAm~#i1H[]A\A]A^A_f.H
)Al~#i1H=/HLd$pIEDLATj`L$HT$0>ZYTH
Awkk#iH|$0@1f.H
yA}kk#hL@1fDH
9Aivk#hf.HCLH@ HcHpiFHlpHTLHl@L)LHC1LH8sH|$0l1;\$JH|$0lHH&fo$L`)D$0fAoD$PLd$0)D$@vD$
`fAWAVAAUATIUSHAMH(H
HCHHC)AHEMcHmH5L/ HHEHCMH@D
Hx:LLQHCHt$1H8rLdH|$1HydH([]A\A]A^A_D3[HHEAtBHCIcHxt`EHkMc)AAAH
Az#7f1H([]A\A]A^A_fDD$AH
Az#eD$H([]A\A]A^A_D$A@DX1fff.AWAVAUATAUSHDHIHL$ MDHD$HCHx2HCD$HPHxHr
HHtLt
D$HCH8Ht$01pHL$0H|$811kcH|$8QzH5HH>HnHACE*=)HADULLt$PAVAWDL$(L$<HT$0#H
HIE1HDLH@LL$H
A\yk#cH
Am{#c1H[]A\A]A^A_f.H
IAn{#cDfDLLHT&DLILHT$H
A}kk#?cL@1'fDH=HkL$IDLAVj`DD$L$,HT$ 7ZYH
bAwkk#bH|$@@i1rDH
!Aivk#wbsfHCLH@ HcHpYHHT,LHY@LLHC1LH8mT$,H|$@Ht@H
qAo{#DaDfo$L`A)D$@fAoFPLt$@)D$PIAWAVAUATUSHHH|HtHT$
D$9H|$HD$hHHD$PkJHHD$(=Hu;D$PE1DDD@HD$0HD$pHD$Hf.AH|$JA9H|$DJHxHAuHt$HHHC
H=q;H@L`It$4HHI<$H{D$@D$DHHD$PHm1Dl$8Dt$<
HI9HIHI=uI|HtHI I|HtH1hkL|$pH=$q;Iw3HII?I~AILHD$XD
DL$T;AUHD$`1E1DPDLdHT0LIlM^_qI|$jM|$DH
A-q#^D$H[]A\A]A^A_Hqs;HD$(HD$0Ht$01HHs;H|$HHH|$(HGH
_A2r#m^1fH
1A&i#?^1UDt$<Dl$8At`H1UDL$TDD$`Ht$0|$PlZYHtEH|$(HBt4Ht$0HGGfHHHfDHt$0HL|$IoH]
QHHE tHt$(Lu(HL|$IGHx QIGHX HlpHt
H|LDdHtHDHTh1H@H8hT$dH|$hHtHUQHt$01YFHq;H|$HEFH|$(H8FUSHHHT$HXhLD$H<$H5Fn;HAH
H[]USHIAHH5n;HH
Ht5H5F:H\Ht?H(HXH[]fH
A6g#[1H
A=A#HD$[HPHD$AWAVIAUATIUSALEHt~E111uE\t$PDHHHtgHT$XHDLHtwH[]A\A]A^A_t$PAE1DHLHt$
PDLL>HfH
A

}#Z1HHD$+XHD$rHHSH[ffff.SHH?=u
HC[1[fff.SHH?=u
HC[1[fff.Hfff.H?XSH=uHC[f.1[fff.SH-w
HC[H8[fSH=u0HCH8=uHCH5p;[Hx1[fff.SH7=u0HCH8=uHCH5l;[Hx1[fff.H59p;Jf.H5k;*f.USHHHHt"`HkHHH[]
H
AqAp#WXDUSHHBHHt"HkHHH[]H
IAAq#WDAWAVEAUATIUSHAEH\H'Ht$PEAWDHEMHHZYtNHH;HtH[]A\A]A^A_HHDcHDH[]A\A]A^A
_1AVAUIATUHSHHu7Dd6H5{McLHtfA~5AT$HL1f.Hc43@tHH9uHBD0BD0tDeMtIEH[]A\A]A^H
AAy#HD$rVHD$ff.@ATUSHAunD`McH5H7LHt\~.s1H|6ftHH9Hc@4uBD H[]A\Hc|t@1H
A8A|#HDUHDAWAVAAUATIUSH8HTHLHD$(uO5AEm11Ll$(-
HT$(HwbMHCA9~[DHcL)LH+yHL$HTDLHH$H8[]A\A]A^A_H$fDEH5uHcD$
HH$HE1=HAHHHT$(H
uUmME9~=DIcLD)L*HT$(HwHAHUHT$(UE91fEHDHtLHDHHHH5GuHHtHDH
AvA#SH$fff.AWAVAUATUSHLcHAAE1E1HDAfH(H=w2~lH
HAf-=wNHH HAO1O,x-
AVADDAE9}4DIcD)HvHDH[]A\A]A^A_5E1fIc|AIcH5jHI6E1AAf.AD9DD)tHcHfH(H=w:H
HAf-=HH HIcOL%+lAD9lDB|;uB|;t IcLHL[]A\A]A^A_D|E1tDH
AA#QDHHH={g;fffff.HHH=[g;~fffff.HHH=;g;fffff.HHH=g;H#2CHt
HH=9AH=}9AHHm;USHHHt4~eu(H3H} HHCH[]
u#HsH}H[]H[]@
uH6Hy:1ffff.tDHHHx8:HfDtDHHHx
DHfDH
l;@Hql;@H=al;&@H5Ql;@HAl;@HH=.l;qH
f;@Hf;4@H=yf;T&@H5if;d@H
)a;T@Ha;@H= a;&@H5`;$@H
Ye;@HIe;@H=9e;%@H5)e;@H
`;@H`;t@H=q`;%@H5a`;@H
9_;@H)_;4@H=_;T%@H5 _;d@H
f;T@Hf;@H=e;%@H5e;$@H
d;@Hd;@H=d;$@H5qd;@H
!g;@Hg;t@H=g;$@H5f;@H
1f;@H!f;4@H=f;T$@H5f;d@IH
i;8ATUISHOHt4HEc;HpHLHH[]A\K)H
AAv!L[1]A\HHt5H1:u#HBH
b;Ht$1HPHT$HcH1@AUATIUSAHHHH8HDMH~8CHHCt9?HIt,HcHt HCL`HL/uE1H
APAw!KL?HkHH1[]A\A]fDH
A8Aw!JH1[]A\A]f.H[]A\A]USH2HHjHt
H1[]@Ht#HHH[]2x'HHSHtHH[4A'1yHHuH
AdA!I1[fff.AUATIUSHAH>H1HtDHHKuH>1H[]A\A]H3L&tH[]A\A]AWAVAUATIUSIH1HHmHHH]H?mH[]
A\A]A^A_E1IHqHELt$1HLLcHH]~H|$H5HIHELLHLcHH]~;Ic4$I}HdHD$M}HA$ul1H
1A!'HH?lH5LH1[]A\A]A^A_f.H
A!Gf.AH
A@fffff.AWAVIAUATAUSH1AHH?Hu6zf.H}E1HIZVHD9tmH}19|LDDHHt5H}H+twH[]A\A]A^A_;0HHEuH1
[]A\A]A^A_L8DLDJHItH}H0HuL1HDDH[]A\A]A^A_AWAVAUATUSHHHt$H
IHAFH?HcHfDHD$0HD$ E1HD$(HD$HD$E11\fI}'PHHo1HoHMHLHLU/9mLS/IHHHwA<H
* }!&EH1LE1AH9HL[]A\A]A^A_@IF HX(L`H{;H{)HC H8H@HD$0HD$ HD$(HD$HD$DIF
E1HD$0HD$HHH@HL$(HHH@HL$ HHD$OAH
tIF HD$0AHD$HH0L`H@(HL$(HHH@HHL$ HD$fDIF HXHHH{HL$mH{HC H8H@HD$0HD$

E1HD$(HD$ffDH
)ABm}!Cf.IH|$txHHHA<yHD$H8,UHH1HoHMHLHDH|$HHHHL$@1HLlLLDLHL$
H~H|PHtH|$@E111AHD$`H|$@HIHD$H|$@LD$P11ALkw~HD HpHH|$@OHD$HLt$8Lt$(1HD$
DL(+9}|L*+Hx IUH 1HeHIHSLeH51AJDHct$H|$Lt$8tMIH|$MHt$LpfH
YApi!E1L@1)DE1MLhHcDHL1HT$ LIHD$(
SH|$HH5uHLD$(HLHHT LHD$(RLL$(LLLcLLH5~LQ`@L|$eAJH
I }!E?H1;fDHC HC tH
An!>HLVAT$HI|$L|ALbH51\I$H
ABm}!>9I~bHD$0Ht
0sbHHHD$11HlH
Azi!E1> 6HHD$ HHpgHD$0HD$ E1HD$(HD$HD$0HD$ HD$(HD$HD$H
cAi!E1V=HHxaHD$H|$1H
AxA!=11L9HKbHHD$H
A i!<fDAWAVAUATUSHXHHtHTHHD@HDHD<0H HkHCH
!App!E11E11E1
<Hct$<H|$HHEOHFLH8LE1HL1HXL[]A\A]A^A_@HC
Lx0LhH@(HXH@H8H\$HD$(HWHHHD$ H]H|$uxE1M1HLL$9L$IHHHI>DmH
H1HoHMuIHC LxH@HPH@H:HT$(HD$Hk
HHD$
AzH|$uH|$E1{}HHIg1H<Hl<Lt$HuL#9UL#H<$HJHUHH:KuHEH<$LpJHLxuHL$Ht$<H|$HHE:HL$@1LHD
$@Ht$ H|$@E1E1112HD$(H|$@HpgH|$@H5Lc
LLHHTH|$@H2?H|$H=H|$@t$<9X9HL$HH|$@E1E111Hct$<H|$HH'H)LHHD$HM.LLfDHC Hh(H}H}HE
H8H@HD$H{aXH|$1HS E1HD$(HD$ LjxL!HL$HHLC8Lk!9|fHE HD$hfH|$
E1H|$u&HD$0Hx[HHDWHtLkH
A p!E16E11fH
Amp!E161E1fE111@H
Asp!E1611yH|$@&Hct$<H|$HHMHl$H\$<1kMKZHHHD$911HDH
Azzp!E15AH
zHlHDt<111HHH|$H{u`11HHtJHD$WH
*Aup!E15bH{otAH
AH
oE111H
A p!14E11ATUSHH HGHDHDH8HH1HtGHItILC8Ht$1HHWH|$H5hL1H []A\fDH
!A>A3H|$H|$E1Iq\AGH{H`Q;Ht$.H|$H^HHcLCH|$H5^Hl$Q/1HLHD$9
H|$H5%U+HHHD$HHLH|$IA[~$LVH{(THtt5A]@H
!2H|$Yff.USHHHu7HC Ht.HX0Ht%H-9}H/H@H[]@H1[]SH_H9H$:[1H)AfAWAVAUATUSHHHt$qH
It?"HH$tiIAGHHcH@H
qAz!1e1H[]A\A]A^A_H
9AA!1-1IG HH H@(H@HHHD$E1HHL$@Ll$8L|$(IHLHL4HL$
f.LA9DLHx8I:H@H8H|$A1HLxH|$8H;H9HSHHHuH
'ATl!0H<$IG HD$IVH|HD@IG HXH{FH{|HC Ho8fH@HD$IG H@HxIG
Hl$8H@H8H|$AB1HHxnH|$8HHA9HHHHuH
ATl!.@1IG
H@H@HHD$fI11LHDIG HX(HH H{HH{+HC H8H@HD$IG H@(HxjAWH|$K"IG HD$H@(H@ DI|$8
H5D$@HHIL$8HT$HH<$#|I|$(T$@H0AHt$8H<$RI|$ p4LHHT$ Ht$H<$t[T$4Ht$LLJvH
AYD!1,H
Ar!,k1L6LAk<@H
IA!1=,AvH

A!
,H
Ap!1+H|$iHHtgHL$@1HHH-1H1Ht$@H|$+.HC HD$MHC HD$H
CAk!9+11LcH-CL|$(H\$@H|$8HT$4H$IG T$4HHx1AG]H|$IG HD$H@H@ 5H
~AYD!1r*PHHD$AHIG H@(HH9HHD$tlHIG H@HHwHDHDH5H1H
A!)AH
A!1)ffff.SH_0H^1H1[1H8fSH3-1Hc11Hi8HtH@[fD1[@AWAVIAUATIUSHHHhaHIH}LtOH}>tAH
Arq!1(L.Hh[]A\A]A^A_DIFLd$H8HucvfD1HLxH|$H#H9H|$ H9t}H%HHtHHHuAH
lq!'1*H
AAq!1'Ht$LI^HtHhudLI^(H<HHsHL.0@H
1ADq!1%'jLd$ HTLHDLHHtCT$9uHxLt@H
Aeq!&AH1HLH"9;Ht$H~\Ht$HcLZH|$H5%H
A
iq!&GH
A
q!%@AWAVAUATUSHHQHy HIHyHIMHC
HHID$HPH0HHL$\9HIHL$HLHHhHHHLLHL[]A\A]A^A_H{WaH
Ark!$$H
A|zk!$H1[]A\A]A^A_fDH
yAk!o$DH
QAwk!G$DH
)Ajk!$sf.H
Ak!#H;fATIUHSH5>;H14
H HID$u+@H
HI|$H
HtH_
9|[]A\[1]A\fATIUHSH5>;H01H, HID$0u+@H
HI|$0H/
HtH9|[]A\[1]A\fHGH07ATIUSHHtvt1H
A9nh!1~"H[]A\fDID$ HH@(Hx AD$H[]A\f.A\$HcHtID$ H@(HxhuID$ H@(Hx QID$ H@(H@]A3H
1hh!!H[]A\DA%JUSHHHHt^t1H
Acpm!P!H1[]HC
 HxCHC HhH[]HC Hx(HC Hh(H[]USHHRH
?HEHcHfDHHE t:H81rH[]HHE tH81q 1H[]HHE H[]HHE tH8q{+HHE tH81XqtHE HXH=DHHE NH8q9HE
HX(gHf.H
Apn!_1HE HXHH} D$HE D$zfATUISHHtHuH[1]A\DHL=t[]A\ffffff.USHHHmHk HCH[]fAVAUIATUSHHHt
HC 1Lp HhIEH8A"HH8~D9tVH9|eHHHHCt{DHHCHHLLxH[]A\A]A^H
Aqg!1H[]A\A]A^HH
AAg!GH1[]A\A]A^HDDfDUSHHHHktuAHC HXH@HH;tVH]H;HtoH[]H
Aqd!H1[]fDH
AAd!oH1[]fDHD$4D$H[]fHGUSHHHH{tuAHC HXH@HH;tVHH;HtoH[]H
Aqe!H1[]fDH
A#Ae!H1[]fDHDTDH[]fHGAUATIUSHHIHH?}lu1H[]A\A]@H,H{HDtHCHxH,HkHYHHEtLLLc82{H{1HHI
D$Ht/HHt#1HLMu/H
AX!> fH
qAS!1AVAUIATUISIHHHtK~HHHLLHtwHL2thHH[]A\A]A^fDHt$H~?|$HHHuH
Ah!MD1H1HH[]A\A]A^fff.ATUHSHHmt0H
IAq~![]A\DHC L`HID$t9HC HH@H@'HS HZhH[]A\H

A}A~!g[1]A\HtCH t<SHHtH{uHC [H@ f.1[@1DHtHG8HHtHGHHtHG Hf.HtHGHfUSHHHHtVu!HC
Hx0HaH[]fH
Aqf!oH1[]fDHC
HxfDATUHSHH?1hu1[]A\H8(H{HltHCHxH3(LcH7UHID$tH+HtHHPHt?LMt31HHAtn~BHWHk f@AH
!w:fH
A!O1AATUISHHHt)HHtHL?tH[]A\H1fH[]A\fffff.USHHHH+u&HEHK HPHyH0H[])H1[]USHHHHt^u)HC
HHX(QtYHkH[]DH
Aql!'H1[]fDHC HHXuH
EAl!DDH[]@USHHHH~~pt;HC
 H@(HPHHJHHUH[]@HC H@HPHuHHC H@HPfuHS 1HuH[]fH1[]HC H@(HP fKHHC H@(HPLA1;=@L
11;L>ffff.AUATIUSHIHH~A1AuHE
H@50;PLHLE1"?H[]A\A]H0;4AUATIUS1HAHHtyHDHL0;11H?HHtHH[]A\A]@H
YAP!DH
1AGA!1H[]A\A]AVAUIATIUSHLHID^'HLLL5HH@AAtH[]A\A]A^1HVtLrIDDDLH9It9Hx~IUHCH2H8MALa
A9|H
A![E1H5+;L1H[]A\A]A^LL
kHIHHtL6thHHtL Y7HHtL()HHt)L-H-Ht-
LvHHtLEsHHtLd,BHHt,L3%HiHt%L%H8Ht@%LHHtLP%~HHt(%LoLHL\H5%);LH
)Au!1}eH
A{|!O7f.I}HHpH@@HdH
AA!
yAWAVIAUATIUSIHEHHH"HHpHt1EHLHHDtCA@uyAPtHHH[]A\A]A^A_fDLHHt/L9|fDDLHufDH1@1HA
PoH
6A(t!f.H
 AAt!_f.AWAVAUATUSHH1IHILHHOHIM1H9HH@LHPH0HHLTuLE15IE
HxHtuIWI7WHtdfHLtH&9}pH(LxLIWI7HufDtgH~61HH
A|!
LE1HL[]A\A]A^A_Lx H9}HHHIE HxHtH1HQjHHuoDH
Aq|!E1D
mH
A|!E1
=H
A|!E1
H
hAA|! fAWAVAUATUSHHHHHIIIMDt9H
Aqu!E1U HHD[]A\A]A^A_11HoMHT$+tXt11H?Hu MHHH$tHu\H
]A{u!E1VH
1Au!E1*LHE1HHDHHD AA sD|Lll$,L|$Ll$ LL9NLHS LLHJHeH5LL&D|Lt LpLE1SH
Auu!bHc:QH5BH1%H|$ HD$H|$H5jMt|$+L3H|$@H
yAvu!E1rH
IAzu!E1BLll,fDML=0LHHIAD$+AA%^*HHHD$H11WH5EHHD$ufH|$Ht$LE;AAu_L,$D|$1L|$L$$9fDLILy
LHHLXLE9|L$$AH|$
 DE1HDHHtH|$:Ll$H|$ E1wH5j1L1HmHI|H|$ E14H5Mj11H\$Lll,LlHl
CfDLn1HLHHHL#9H\$Lll,D|LlL|l,AHl$ HALA9LDLHS LHHJHbH5
HHC HHpKHLLl$L7AH
ASu!NLFH|$ HL$81LhH|$8\'HIHHM9ID$+HE1HD$H|$ D|$A
H
V!uE1HD$H|$ fD|Al,AHl$

HADLLA9DLH1HLHtHC HHpHH
!A=AuE1HD$H|$ H
u!AFAuE1H|$ H
G!AaiuD|$L$$H|$ TH|$H
A2Au!E1WH|$ H5j1
*DAVAUIATUASHHHIHtbHL1]u&@HLHHtVH9|Au(DLL`u@1LE1[L]A\A]A^f.H
Axs!OH
AAs!,H
Ays! l@AWAVAUATUSHH!HHIIIE1MtLL1LLHHIADHHHLHHILHz3~4LL=
u%11qLdHDfL8)fDH
Aqr!1H[]A\A]A^A_@H
QAr!1H5)HIuMDLL9u*LLwLT=
tMH5L"LQ?@H
Ar!f11qL1H@@H
YAwr!1H
)AAr!1}LH
AAr!1MHuLm[H
AAr!H!Ht
HH=9H==9HH1HHGHGHt_LeL^L
;HH
)ILBLBHHH#H#NHGHO LLZff.HSUATAUAVAWIL_Lo
L7H_HoMILML6H^HvHIILIIILIHILIHHIIIILIILHIL!LIHLIHHLI{L7H_HoL<LtLlLdHl$
H\$(Hd$0fff.LLOLWLILIIIIEIEHHJHHNIILIIILIHILIHHIIIILIILHIL!LIHLIHH@ffffff.MLH1HpLkMD!MD!GI
WID!D!GWGIWIHLHHL L %GWIWMIID!D!GWG IW$IHHI DG0ODO4ODG@DODLMD!IGD!WIWHHL
%GIGID!WIW,HHI DG<ODGLLMD!IGD!WIWHHL %GIGID!WIW(HHI DG8ODGHHfff.ffffff.DGHs
E*HwEHgSUATAUAVAWILLOoL_Lo
EIMDIII4MHIMLII(HLHIII!IHMMHHMLIML6H^HvHHt~LLI4IIHH%IHHM HII(HL
ItCnnynnn+f.ffffff.L7H_HoWDw_oL<LtLlLdHl$
H\$(Hd$0ffff.ffffff.SUATAUAVAWIL_Lo L7H_oMLIMHtL6H^HvHItLLI4IIHH%IHHM HII(HL
nnynnnGLL<LtLlLdHl$ H\$(HD$0Hd$0fnnOnWn_ngL\$HxH@HFHBzow0HpH
on ov0yoy@ssQmlAAl1s(sQAsI9sAA91I zzo_zogAypAypDAypy$AypzoWAypDAysy\$AypzoAypDAykyd$
AypzogAypDAysyT$0AypzoW
AypDAyky\$@Aypzo_0AypDAysyd$PAypzog@AypDAykyT$`AypAypDAysy\$pAypyo4$AypDAyky$f.ffffff. yS
oT$A A yD$ yKi) y[0o\$0yc@!od$@ oT$PYY!o\$`)o$ aao!)oN!AYAYsAAsQL$pmA Ayop)llssysq!siaa yqKiS
a[0Yc@HF Hv@H@HB)!yo{1YkA)AyoC !AyoK yo{9A!AyoC1A)AyoK on 9!ov0A)s!sycQmlAAl1ssyo4$QAsI1
9sAA91I saYsy!sYsqiy)sysiasyqsaYAypH u91yS yyKy[0yc@ pW A A i p_pg!a)p p_i!pg i) pW0Yp_@Y!)
aa!)looNssmlls(sysqsiaa ypO2yqKiS a[0Yc@)!p21A ypG2ypO2!9A)p?2 ypG21A!ypO 2) 9Ap02ypG@2!1A)
!9A)1s9sIsQsAsAA)!asA ysA)!YsA qsA!)s)isAysA)!asA
y~Wy~_y~gy~oy~wIcXwfDODGD_DWHMI4HIIIILIMH(IILLIHHHIIILILIIIIEIEHHJHHND@,,*@
@Poly1305 for x86_64, CRYPTOGAMS by
<appro@openssl.org>fH)H)IHt"offHRHuIt,HL)12HRIu1HRHuHfffff.H)H)IHt*ofo
ffHRHufIt4HL)1M1DD0DHRIu1HRHuHf.FSHHFFFuH;HH;HH[ffffff.AWAVAUATIUSHHHLLMtDALM)L9K<
(LD$rhLML)*LD$HLAIAL)HvLIHHAMu9LH[]A\A]A^A_LHH[]A\A]A^A_fAHrSI$HDILHLHHH)I)Dr1I<49H
<2rk@Au:EXA$ACDALfL0fA$DALLDATUISHHHHtPHBLHw#1HH)sCuwH1HALHHH[]A\7HHDHQHH)r19
H4:rDt1fDtD\f.f.Ht+AUAT1USHLg(MtH:w
H[]A\A]DH LHHLAIcHHiHE H[]A\A]SHt%HxHHtHc0Q6H[[fffff.USHHHoHHdHHH[]#bH(uH
t1ATUHSHHmI1Mt HLatLc(H[]A\DLD$<D$AVAULcATUISHHIt#|5Cw-u@Ll$MtH|$
tN1H[]A\A]A^H[]A\A]A^fDH`Ht$HIfD LLatLI~HfHH(Ht HHHff.ATUSHGHX(1; t

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lA A|E1HD[]A\A]fDHHHtHc0HxHl/HlH01HmhSHHkHkH0[fff.HBHD$H9s HFH9rBoofH?HT$AHmut
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M9#oCxoUfCxH{ALLLtt|$uH{tXM9sHH9_oEofH{ALLLsO|$DH[]A\A]A^A_E0GhE0GiE0GjE0GkE0GlE0GmE
0GnE0GoE0GpE 0GqE
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0GuE0GvE0GwE0CxE0CyE0CzE0C{E0C|E0C}E0C~E0CE0E 0E
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0E0E0fDAWAVIAUATUSHHH(HG`HtAI)I9HHCxILchLlAHDAD$A0ChLLAGL0CiAG0CjAG0CkAG0ClAG
0CmAG0CnAG0CoAG0CpAG 0CqAG
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|$4AAAAuvAulAubAuXAuNAuDAu:Au0Au&AuAuAuAIAHHHk2|$4'IHuAoAAGuH|$M
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H|tHTLHH5q;HtIHwIIE11AHkn|IH\$8IAHHHhM|$8BIHt$ AHHh|$8IIt-HL$
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AUHATUHSHMMIE1H1AAHH]uH1[]A\A]A^A_HLLAWLD$PMHHZYH[]A\A]A^A_1ffff.AWAV1AUATUSH
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;O(HA9HHfD8HHHwATUSHH -:D%rC;Ct&9H@HPH{(HC(fDckxmwbHH
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8Axy$O1HHt{SH@HHtPH{(OH;7HHCuHHB8[hBefHH&8[h~fDfffff.AWAVAUATUSHHH9W`HHDH@grH
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4Av$=1[fAUATUSHHD$HHI'H9WhIHHHk@H$AS0HHt$LCHHH9C@HH9CHH@MLHHt$HPHt$HtHPHtHH1
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i2Afn$H1[]A\A]fATUSH HHHtCHIH;WHHH9gHLHQHHC 1HtBE11H{ 1HC []A\@H
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s0j5111HfDAWAVAAUATIUSHHMMHH9k8L9chwH:19CtCCtHH{tiD H@MLHLHP_CpH[]A\A]A^A_1115n;H
W/APsk$H1[]A\A]A^A_@H
!/AVuk$H1[]A\A]A^A_fD;CpFH1T$HKxH9H)H;T$MH
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O:fD1DH?HtCf.H?HtCf.AUATAUSH5p+AHhHGpHHHSpHkHCH
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)*AAm$Df.AUATAUSH5)AHhHVHH@H:HHkCHB:HHHD:HPtS:DDHCtH:HtrHE09C0HoHH[]A\A]@HY:DD
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H/;H=/;H@fffff.SH=/;H=|/;1HHH=_/;~H=S/;H1}H[@HcG0HwPHW@HHt
HXtHH9HBfDHHcHHH9HBfH5 H=.;Ht.;tH.;H1HUS1HHt
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.f.sHH,HLHAHD[]A\A]$
Yf.rD\HH,H1AUATIUSHHHfE1f*f.L$|HaHHc1H9w6fL$H*f.w!f.vtY<$
<f.sFH,LHHA#HD[]A\A]DE1HD[]A\A]\HH,H1Y
#f.sH,\HH,H1oUSH5wH=H,;H't+-,;t!H=2,;MHHtHH[]1HH[]@tH-
+;5+;=_:H?HHt#Ht:H5"HH=+;HHH[]HuH1USHHHtHHcH[]HH1[]USH5WH=(+;Ht+
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HH=i89H=59HH1HH+*;t:HH*;tfHH);t>t););H@H=);DH);H=);-H);H=);1H);c);Hfffff.H
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#AA|HDHD$HtCSGHtHH5N#[{IHw
H?H2#cfDfDHfff.HG(ff.HGff.HHG(Hfffff.ATUIS1HotHHHI$H[]A\fff.SHHH3HsHC[ff.HG(H;G0rHOH9OHB@1f
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QADqHDHD$HOHG H)H9r(HtHHW(HOf.fDH
HA}r$31Hfff.AWAVAUATEUSHIHcHHCHtP09S0Hk HTH}0HHZHHIHIt_H{;H{E1E1DLLE1E1H{
LLHHHu'E1H{ u_HsUEukHHtHHII$DH
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aAx$Uf.N,LHE1RHHtHCSH5HH= ;t
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;HfDUSH5H=;Ht;;t1H=;H;Ht)H=;%HH[]1HH[]@StHHt#HctHHtH-;H};HCH:Hb;AUATUSHAHH90
\HHHE1HtSLmMtJHHHHHIHfH*YDHE1AAHEHD[]A\A]{HHuHE1[D]A\A]fHhH111HAoHD[]A\A]HfHH
H*X[fUSH5HH=;Ht;tHtaHYAu
H1[]@HrHHt@H=;HH=;H;H[]D1@HAfffff.USHH`HHtHH[]H[]USHHD$*H@HtD$HH[]fDH[]USHHH@Ht
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u;pt=:DH|$S|$=:H@AWAVAUATUSHHHH=q:HOHAoHHHHShavAuH%HIpH\;HkHkHD$L-
;HD$Aut#HT$XhtHD$I9EH)91J<1eAEHT$hAKHD$IEHD$IED$(AEHD$8IE
AED$|$PAHH|$HHkHI=EAD$GA`8u3At-
HHHHfuHHHHHHIHL[]A\A]A^A_@HHHIuHoIf.HHH}L):u:Aut)HT$ftHD$I9EfDAEHCHII(HXII[_8uEAD$Mkpf
.HD$I9EAE3D$(HD$8I9E HD$I9ESAE3D$(@HD$8I9E 1A}l#A}lEe)HH^&AH=11bAx_Ld$1LHDDHEnHH
TfD;^8uE111LDdxD8l;ffSHH0)DHD hD$1HHD$iu5H$H HD$Ht$H1HD$ H0[f19cSfHH
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Jc4HDMILl$PH\$HJLD$@HLl$
IIHD$8HIHD$fDAEE}HH|$
HIHDHD~D$L|$D$)D$PHTPHLXL1L1Ld$HSKHM@sHHSHHH@sSHHHSH;\$KcHT$@HD$0IH|$8H|$(H
\$HHLDILDHD(H8DhH|$H|$ H|$P~D$LlD)D$P!LD$Lt$L3|$XL3t$PIIKH
@ JcHLHPHHLHBHJHPDxLHBHJLHPHHLHBHJDpHD$
MHD$H|$D{H@;HCHHH@{CLHCLIHD{CHh[]A\A]A^A_fDAuIHIAuI}HL LoH H1A}IuHLFvHH ApMhHH
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HH92AH8[]A\A]A^A_fHtHl$ E1HtHHTHD$C~D$HDD)D$ HD$
HT$HHKHHKHHKHL$(HKH@sHHHK@sC24CD5IL9:HcC44H@21Ct5I@1I92AWAVIAUATMUSIHHA0AH
L$AHIHt$@t$(I~D$DL$)IH@t$+HHLHDI@t$-
HL$,HHH)D$0DL$*@t$.L$/H|$0M11H|HtH|HTHL$0Ht$8HTHL(@t$,HD$)HHD$*HHD$+HHD$-
HHD$.HHD$/A1AHH9tDAHc2L4(AHH9KuAEHH[]A\A]A^A_HL$0Ht$8HAAtHAT$HHHAL$AT$HHAT$H
HHAtATISUATAUAVAWH(IMIIMH1H1H@oO@M)H4IMLd$L\$EEKESE[DDLDT$ED\$fE1E!E^AxjE1E
AEfnEfE1E!E_FAVE1VEAEfnEE1E!EW^Ap
$E1VEAEfEE1E!EOFAE1VEAEfEE1E!EG^A|E1VEAEfEE1E!E_FA*GE1VEAEfEE1E!EW^AF0E1VEAEfEE1E
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EfnEE1E!EW,^LAQZ^&E1VHEAEfEE1E!EFPAE1VLEAEfEE1E!EG^TA]/E1VPEAEfEE1E!E_(FXASDE1VTE
A EfEE1E!EW<^\AE1VXEAEfEE1E!EOF`AE1V\EAEfEE1E!EG$^dA!E1V`EAEfEE1E!E_8FhA7E1VdEA
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E1VhEAEfEE1E!EO
FpAZEE1VlEAEfEE1E!EG4^tAE1VpEAEfEE1E!E_FxAE1VtEA EfEE1E!EW^|AogE1VxEAEfEAo]@
E1E!EO0AL*E1V|EAEfEHH1@H4fsfffE1E1EG^AB9EAEfnEfE1E1E_
FAqEVAEfnEE1E1EW,^A"amEVAEfEE1E1EO8FA8EVAEfEE1E1EG^ADEVAEfEE1E1E_FAKEVAEfEE1E1E
W^A`KEVAEfEE1E1EO(F ApEVAEfEE1E1EG4^$A~(EV
AEfEE1E1EF(A'EV$AEfEE1E1EW^,A0EV(AEfEE1E1EOF0AEV,AEfEE1E1EG$^4A9EV0AEfEE1E1E_0F8AE
V4AEfEE1E1EW<^<A|EV8AEfEAoe E1E1EOF@AeVEV<AAfEfsfffE1E E^DAD")E1V@EAAfnEfE1E
E_FHA*CE1VDEA
AfnEE1E EW8^LA#E1VHEAAfEE1E EOFPA9E1VLEAAfEE1E EG0^TAY[eE1VPEAAfEE1E E_FXAE1VTEA
AfEE1E EW(^\A}E1VXEAAfEE1E EOF`A]E1V\EAAfEE1E EG ^dAO~oE1V`EAAfEE1E E_<FhA,E1VdEA
AfEE1E EW^lACE1VhEAAfEE1E EO4FpANE1VlEAAfEE1E EG^tA~SE1VpEAAfEE1E E_,FxA5:E1VtEA
AfEE1E EW^|A*E1VxEAAfEAom0@ E1E EO$AE1V|EAAfEHH1@HH1@H4fsffDDLDT$D\$C.C\.Cd.
Cl.0M@Mm@L;|Ld(EELET$E\$@oOL|$(Lt$0Ll$8Ld$@Hl$HH\$PHd$XH
uSATAUIIIM1H1HDWOD;H1AL)M)BIANHIrt4I)BABA2C,MdHuIrIBDDIBTD\IBTDDIBTD\IBTDDIBTD\IB
TD@DIBTDAIIM3O,MdIIvIcHt5I)BABA2C,MdHuHH1J4f^f:@ffsf^ffC,Md$fFVf^VfFVf^VfFVf^VfF
Vf^$V fF(V$f^,V(fF0V,f^4V0fF8V4f^<V8fAAo$V<J4fHH1II+fsffC,Md$Iu
(BABA2C,MdIuABIEELIr@7H9BuHD2ALVEBL97uHD2AIr@7H9BuHD2ALVEBL97uHD2AIr@7H9BuH

D2ALVEBL97uHD2AIr@7H9BuHD2ALVEBL97uHD2AM[EEMd$EMMmI}IuEDBAEBA2$Md$AUMmIuAD
WOL,LdH\$HHH2HH1M1M1M1D;ArIsM1M1FD2EHFHDFFAsIfsM1M1FD2EHFuHFFAs1GGfDHY;rs
HHrc4(8x,int)rc4(8x,char)rc4(16x,int)RC4 for x86_64, CRYPTOGAMS by
<appro@openssl.org>HGHGXHHfo/H)H`1HBfffff.AWAVHAUATUSHZH|$H\$;GI\$_D$\$_\$_\$f.AD|$\$Dt$Ah
LDD$D1EHAxD1E`|$
D1D
\$1D
ADAA1C1
A1A
AA1ADAAXEpD1ED|$A1DDDDEPDt$1AA
E1
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A1Dt$EEh(A1AA1ADF4(D1Ax,

I@|$DA
11B7EpD1
T$1APDT$
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11AAAL$1D1
DA
1A@1A:yZ
D1!D1A4yZ
1!1D$DF8yZ1!1DD
yZ
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1!1DD|$E?yZ
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1!1DD|$EyZ1!1
DEyZ
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E1!1
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DE=1!1
DD|$E71!1
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DD|$ E71!1DE
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DExE1!1
DD|$E1!1
DA;1D!1
|$71!1
DG91!1
DENS
1DD|$ ENS
1DDNS
1DD|$E7NS 1
DA A:NS1ANS

1D G9NS1
DAA=NS
D
1T$2NS 1B=NS
DAAA
A1AD$AANS
D1A3NS
D A
1L$9NSD
1|$NS
1B<:|$Ap|$ 3T$B>NSD|$4TtL$
ttNSPtDT|t1 LDP1 DD|DD
1BPD$ P

1D$DEP 1DE9P

1DD|$E7P
1DEP
1DD|$EP
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E7$M\1!1
DD|$ E$M\1!1
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E$M\1!1
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DD|$E?$M\1!1
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DD$M\1!1
DE$M\ 1!1
DD|EM\1!1DEx
E?$M\1!1
DE3$M\1!1
DE$M\1!1
DE$M\1!1
DD|EM\1!1
DA=$M\A1A!A1
AA
AA1$M\D1!1
Ap>pmDA
1
>pm D1>pm
1D$DF8>pm
1DE:>pm
1DD|$E7>pm
1DD|$E>pm
1DD|$E>pm 1DD|$
E>pm
1DE;>pm
1DE6>pm

1DE >pm
1DE>pm 1DD|$

E>pm

1DE<>pm

1DD|$E7>pm
1DEvmz
1!1DD|$Evmz1!1DEvmz
1
!1DD=vmz
1!1DD|$E7vmz
1!1DD|$Evmz
1!1DExEvmz1!1
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Evmz
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A
1AA1C7A
A1EA@A1DDAA1
EAA1A1
DDA1D 1AA1

D1Dd$1
1D1
1ADA1ADA1t$A1DA
DA1
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DE
T$A1A
A1DED$A1A
A1DE|$A1AA1DDL$t$A1AEA
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D1AAL$A\$H\$AAT$E1DkDl$D|DDtDTHlB48AttED{D|$DHD
K(D1TLBXHD$\$H[]A\A]A^A_fHAVAU1ATUSGHAWHIGG\HHHWt4LwH?I<w^HTH?wSH)k\[]A\A]A^fH
HHH{Dk\HL([]A\A]A^A@I)II$LHKD,JD/HGHH)H)LHHrH1H4H4HH9rL)LHMbfHHC\HCAFAF
AF0tLH-
HHIH)HAfAu2MyA$AhCD,fBD/WA$CD,BD/;fDATULfSF\HHDHH8IX8H)H1ztCLHCTcUCWCSVCXcYC[SZ
C\L@HEeHHUECHEeHHUECHEe HHU
ECHEe
HHUECHEeHHEU[]A\fDHqHHDHH)19H<rD@H)t1HH9rLHL8}f.D1fToAUATHu:USIHIHhHHHDH4t8LLHH
HH`ZHhH[]A\A]@Hh1[]A\A]H(1E)DH((H(?AWAVAAUATIUSHHtTEtrMH5(iH5HE1P~7H5tH:~HuCE1E1L%7
HD[]A\A]A^A_MH5HfH5H~IEHH0H~H5HwH`H5HtIIEHH0Hd)H5H=MeI<$(=It$H=qL:HIzH0H_H5HHOAHH

EH5SHHD1.IuHH!H5HjHA3H5HAIuHHH5DHAfH5MHE1AH5qHH5KHE1H5XHE1iH5HwKH5@H_;DH(?HG(
Hx4H(-
AWAVAUATIUSHH(HFH~(HDHD8teHt$%AHCL|$Lt$8+H1AUMMHLZYH([]A\A]A^A_fHG`HH5lL:HT$H
OrH1HtH{(bH
AA5H|$u9H(1[]A\A]A^A_@H
AAD${5H|$19D$7fDSHcH1#HtHKHH1[DH
YA41[ff.AWAVE1AUATAUSHIHH^(H{Ht2AH{XDHAID$HH5H8HHD1_WH{(dEH5AID1H)!L5xH5HS1EHH
S
1ELHHS(H5m1EHHS0H5^1EHHS8H5F1EH~HS@H5.1EHf^HSHH51EHF>HSPH51EHA
uFH51HH$H51EHHPAH{XEwD9H{XDE1H$DHDt$ADtO|$eH5S1Hk~gH$H51EHHLtHAdIH51H'~#H$H51EH
HPu1H[]A\A]A^A_H5e1DH~L5-H59IT$:uHS`DHgffff.USHHHHG(HpHC(Hx*1uHE(Hp HC(Hx
*1H[]@AWAVAUATIUSHH(HFH~(HDHD8tUHt$A~fHCL|$Lt$8EMLHL!tuH([]A\A]A^A_HG`HtGH5G:HT
$HlHu1H([]A\A]A^A_DH{(ef.QfDH|$H5[D$D$AUATIUSH1HHH\$
HL$(HT$H7!uHH[]A\A]HcT$H1HHLd$(HT$8Ht$H|$0L).H|$0=t(HEHH0WD$tH
ABM/H4HH1[]A\A]H
iAi/1HD$4D$It$H=<E:HItZLhMt*I}=u#IuH=kB:HID$ tLc`ID$
LHC`(HC`AVAUE1ATUHSH^(IAH{Ht*,AH{XDHtjID$HTH5wH8H!HE1~8H5U1DH~
HSH5,1EHu@1[]A\A]A^DHS
H51EHxtIT$:uHS`DH@AUATIUSH1H8H\$HLHTHuH8[]A\A]HcT$H1HHLd$HT$(Ht$H|$ LI+H|$
/=t(HEHH0wH8[]A\A]D$ttbH
ABq,H1H81[]A\A]@H
A7,1
It$H=B:_HItZLhMt*I}e=u#IuH=?:.HID$ tLc`ID$
LHC`LHC`?AVAUAATUHSIHHH>=t)HHDHH[]A\A]A^&fDIt$H=A:HILpMt1I>=oIvH=>:WHID$
ZDHH5yHB~nDHuz1D$/(LD$H[]A\A]A^fDH5(HH[]A\A]A^E1f1'LH1[]A\A]A^fH5H~I$HH0H~H5Hr~DH,H5H
GoID$HH0H6NH5H7Mt$I>=IvH=D=:HIH0HXH5HDH!teHH561HIt$H~H~H5HPDHLD$<&LDID
LDHwH5<H1HH[]A\A]A^H5GHH5!HE1H5MHlXLp%L(1>H5HBiH5H*~It$HtH|~H58HL
%LH5H{mDAUATIUSIHyHHt%HHCHcHxML@th$HHLH%M=HD$HCLO@tbLB@t$HHt/LHU%1H5W::HT$
HbHH|$7*H#H{tL@t#HHC
u=H1sHH[]A\A]DM?HCHH[]A\A]LH$HH[]A\A]K#HHC]Ll$H{HLk#HD$1/HD$HCMfUSHH(QLL$E1
HHNLD$1H4LD$1H^4T$BvAHt$H|$HHt_H5C;:1H)aHHH(H[]@HH|$L)H\$t3T$y1H(H[]H|$DbDPT$AUATI
USLH+LD$1HH_3~H|$tH[]A\A]@HhHHtHtHH'HIuH'H1[]A\A]fDLHHS!iHHL6!mfff.HAUATIUSIHHHHHH8H
NHHEHC HH8lHHIEH{HNtA$H{Hti4tHt^H
A"1H[]A\A]1D#HHEU1H[]A\A]fH[]A\A]A$qHIE>1f.H
YA3!HE1UH
)A3!IE1%H
A!1$AUATIUSH1H(H>HD$HD$=t
H([]A\A]HuH=7:HHt9HXHt0H;=HsH=4:LHHE HLHTHt$HxuH
H([]A\A]DH|$>`vQE1H|$DELb@HE H1jfH|$9uH|$A;D$uf.AWAVAUATUSHXHD$HH
HcHHG8HX[]A\A]A^A_@HHG8`HuHt$HH|$tLH|$1HfDsH7HuHLD$0111HHsHD$0H8v=HU:}:HT$H1|$H1HG
8pH7HH13yHIHL$H11HFzHD$HH8v=HD$HH=9:HpsHHHhHtH}q=fHuH=1:6HHCQH8AjHHIcHHH8;HHI4Hk
HH}=H
ARHhDYfDHL$11Hf.HD$@`LD$HI111H:Mt!LD$@1L,l$@LHH[H|$HHH&HHD$0vHL$811HID$xsMt!LD$1L
]+Ml$tn;LL$ E1LD11H@
H|$0H|$H1HSdH|$81H0H\$0HD$8HD$@H;=JHsH=1:HHt;L`Mt2I<$=It$H=.:KHHC
HL$(HT$8Ht$@HwLL$HE1
HpCHH@H4HI,H
A1[yLD$(1L})YLL$@E1LBA/fHHLd$ Mt+Lh@t>1HHLHuLd$(HD$HHCML@L

@HHt^LHH5%-:HT$HHUHt:HHCt,Ld$HH{HLHD$HH|$HH1uH{"E8L1HHC(
HIHt$@DHL

DHCHH
A1mH
A3=H|$@H|$HAA9BH
QA:H
+AbHIaHE8H
A}&D$E1E1L&E1M L?1MLN&DD$M
L1?@l-E1H%L$(E1H%LD$81H%HC H1UnH
A'EH@LxH@D$H
@A1kH{LHiH5R1:HT$0H1QHHl$0[H|$8HH!HD$0AUATIUSMHH8H9=
H;HDHDHD$ w=HsH=a+:<HHt:HhHt1H}B='HuH=(:HHC HLHTHt$ H3toMHT$
Ht$1MLt+H|$E1#HxH8[]A\A]H
iADH|LL(E1
<~H|$ YH|$(M9JAH
HC H1fL$H|$E1"H|$LD$1"HrH
iADH
9ASHt8tKt [H>uR't1[fHHt[@H>HtDHHHx HfDtDHHHxHfDH
Y(:@HI(:t@H=9(:@H5)(:@H
Y-:@HI-:4@H=9-:T@H5)-:d@H
a':T@HQ':@H
(:4@H(:@HH=v(:JHH=':JAWAVAUATUSH8H07H8I)HH H(E1H83H+I#IHDH
HDHHDMMDM;H<$0H|$$HI A$I cVI011H\t$H
gACE1I811H\t$H
.AIE1E1Hl$ IXH811HF\t$H
AQE1]D9ul$,Hl$ IW8Iw0HL$HAtQ1Dd$ Dd$,Dl$,AH\$AE9IXDHHHHFAuAH
!AE1H8D[]A\A]A^A_f.HXgA~Ig#AT$9H
A%E1?DH
A3AAH)L!H|$H<$H|$H|$)H
&A=eE1
H
A9eE1
GIwHDd$ Dl$,Iw0HH1ugIw8HLuKHL$H<$LHy?/HL$H|LHD nIXt$
HUH3H\$HHtH<HLHH?H|HLHHD$ D;d$ uLDHL1H$H|$qIW
 Iw(HLDHLOH u$H
vA{E1I@DIH9IP.[Iw0HHsIW(LD$1HLIw@Lt$H
A|E1rIw8HH>stIW(LD$1HLVIwHL\t$H
yA}E1IW0Iw8HHL$/HIwPH
t$H
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E1D9d$ IXDHH3HHbrIW(LD$1HLzHsLt$H
AE1(
HsHL$HHTH)HsH/t$H
LAE1 AfDIW8Iw0HHL$<IwH2H
AgE1s H
AeE1J D1HHHPHHfHA`fHA`fHA` fHA`f1HtHG@HSHH0qCtHCt[AWAVAUATIUSIHH(HHzH|HHA~Il$
HHIItHIDML$x1HLHL@0sLIM;LqH{{L9tH~yI9l$ tHH(L[]A\A]A^A_DAH

AE1tf{xHHE1f.ID$(M|$0Mt$8HHD$Mu]MtXHyHW{HHD$J{HH$>{Ht"HD$oH<$HLnLD$ugHzH
PAE1fDH
!Af.LDLDHLL3nLD$oH4$H|$HL8SHT$Ht$1HVHIyM3Lf.SHHHtHt$$Ht$HGHH1HtCt$CtH[AWAVIAUATI
USHHT$|$.I
HMHHu*Ht%E1AA@tFMsDHuHI H1
L'HH[]A\A]A^A_DHt$LL t$LHH tHLHrHt
HH=I8H=8HAWAVAUATUSHHLWMJpMtH[]A\A]A^A_AIBhHt?uHHL[]A\A]A^A_1H[]A\A]A^A_f.MAI~I~A
A9~LH
mATE11LNwLVuANH
/xtHIHuLwLHD$(wLHD$wHHD$ AD$`HcD`JA9~%HcD`JA9~HcA9D`~HcD`I|$I|$(I|$
I|$0I|$8rI|$@NI|$HI|$PAHD$HD$0I|$ HcHH
A17A9HANL$`L$dtL$htL$lt L$pA9HcA9D`Av1AD$"HHD$ZI|$XHtH5:HDIDXH|$H=A9OHHD$0uh!HID$@
HID$8{HID$0WyHID$
3HID$(IHID$l1D$@1L|$DtLMt0LE1HcD$DD`D$HD$8El$XD$\t$8E111MLYNtZ1Ll$PAH\$
AA9t7EKA7AuHH0L7uLlPLlPnHl$
HLHgHIT$ HL$HH|$Hal$X)It$HL$LH|$1#T$\Ht$H|$ xH|$
HH@HL$PHHT$@LjF|$Lu<HL$PHwED$HADD$8DDl@xIt$8It$0|Dul@11D$HADD$8Mt$8fHID$P)NHI
DHIT8It$0HL$H|$0L|$u%lubT$@LjEH|$sHD$0L0GI|$~'HD$0HH@HHD$8HtI|HtH\LGEEDt$LA9It$8I|$0L
|yID0IT$8ID$8IT$0It$0H|$HeIt$8H|$ HdHT$ Ht$LH|$(X/A9~oH|$sHVH}HuHddH|$(HULH
/H1L>D<HHHt$(HI|$(It$ LHHHtaWHHIt$(HIt$@HL$1MHmxtIt$HHL$ 1MHRxu
HwA9~*H|$uHp1MHHxtHHH*It$0HIt$8I|$PLHHqA9~CH|$u-
H0IHIt$I|$LHUH.HODHGH@hHtIH`HGff.USHHHHGH@@HtH{\HE8HCHkHtHH[]fDHtGpt
~DSHGHHtH@@HtH{HShH 4H2H{)H{ H{(WH{0NH{8EH{@<H{H3H{P*H{`H5
:H{X!H5bH)bHH5cQHH5O[<fff.USH5/H4HqHH%@pHH6KHC@HHCttoHAHHkH]HHC@HHShH Ct-
tcHCH@8Ht Ht,HH[]fHHHCuHCfH
AA^FjOH1HH[]ARH
&jDH
A7AjNf.H
A>AjH5H?1y@19fGpffff.Hh'+Hh+USHHH.{tH[]4@H{X~w9|H1[]f.AVAUIATUISHHHHtsH{ t4Hu?MuHfMAt
H{(Ls([D]A\A]A^@E1HtHtMHktHk HLc E1HtH{
uHuf.ATUISHH0HHtZH{8t3Hu>MtHk8HhLc8[]A\f.1HtHt@;Hk0D1HtH{8uHuff.AUATUSHHG@HuHtpHHuHt
dHPuHtXHIIHHtHHk@Mt
H{HLkHMt
H{PLcPH[]A\A]DH1[]A\A]fHHHEAWAVEAUATIUSHDIHH(H|$1
HIIEXEHD$AGE1HHD$o@J<;J|=K<<~H8~I}uI}lJ;LLIMJL=IMK<IIML;|$tEHIuH5Y:Lq1H([]A\A]A^A_1DLfD
H\$LsXHwuHH\$HXXDHD$HtH5:HHD$@@HtHGHHtHG
HHtHG(Hf.HtHG0HHtHG8HfDHHXHH@AUATIUSHHt7~0D`1If.H}XHIDHI9uH[]A\A]@HtHG@HHtHGHHH
tHGPHf.AVAUIATUISH:tMuMu[]A\A]A^fD~Mt?MtrDp1IH}XHPIH@IDHL9ufD`1IfDH}XH@IDHL9urfDDh1I
fDH}XH@IHI9u;HGff.HG ff.HG(ff.HG0ff.HG8ff.HG@ff.HGHff.HGPff.!wtf.Gt!f.
wtfff.Gfff.HGff.HtHHtt=uMAAATAUH5{SHxHt?H5\D`HHHuHHtH[]A\H51HH
AA1Ht3SHH?H5#HH5$[fDfDUSH5H*xHHoEHH5/oE@oE @
oE0@0oE@@@oEP@PoE`@`HEpHCpH}sHHtHH[]H53HH
A6A1Hfff.USHHH5AHssHt.H}H5HHVH]H[]fDH
qADAOH1[]fDGHfff.wHHGPff.HwPfDHGff.HwfDHGff.HwfDHGff.HwfDHG ff.Hw
fDHG(ff.Hw(fDHG0ff.Hw0fDHG8ff.Hw8fDHG@ff.Hw@fDHGXff.HwXfDHG`ff.Hw`fDHGhff.HwhfDHGpff.H
wpSHHHH5[.fffff.SHH?H{H{H[fSH5P$(9HHHHt3HHCt"HHCtHHCtH[HHH{H{H{H5H81TH[H
A%AWDAWAVAUATIUSHHXD$~n9\HItaMe0Im81'DLHLbtC;\$MgI/tVI}XHxIHuHHIGu1f1E1LD$o\D$H[]A\
A]A^A_@~~1H9H|HHHH

Azk1HH
qAnk1H9ATUS8I)1HcHcHcLH)HO[]A\H
A$moAWAVAUATIUSHH|$(HTHLLD$NHHGH|$5MLcL|$(HD$<E11HD$
HHt$1HH\$?D$<HHD$=HHD$>qNHT$Ht$H7QHt$
HQK.L9H$81LHQH$HML9IWE1H\$@1fH\$@1HHPtOH|$(LHL)E1LH@8HMHD[]A\A]A^A_H\$@AAWAVA
UATIUSA^HLHTLDDLL$M.MLMD/DAE)E9A9HHct$H|HD(HE1IT1AEMD\$$DT$
HD$8HT$0aSDT$ D\$$Lt$@1E1E1@L7HhHLNHD[]A\A]A^A_fH
aADxE1f.H
1A>nE1|f.IIEA1E)D\$HDHD0E)HD$(AVAMcHcHIcHcHL$0H)H+|$(Ht$DBD1HI}_D\$H5xUE4+IcHHIHL$(I
UMHH9EHD$(H|$0IDI9ID$H9AHANHP9A$0AT$0WAT$0WAT$0WAT$0WAT$0WAT$0WAT$0WAT$0W
AT$ 0W
AT$
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sAT$0WwAT$0W
{AT$
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^AT$A0WDDA1)HD$81LMLfAof)H9wA9tHD$0McfCB0IE9Lt$@HT$0MHt$(HE1L>E2AoEfD$@AEt=AoEfD
$PAEt'AoE!fD$`AE!tAoE1fD$pAE19-
H|$HcL@0P9HcL@0P9HcL@0P9HcL@0P9HcL@0P9HcL@0P9HcL@0P9HcL@0P9~|HcL@0P 9~jHcL@0P
9~XHcL@0P9~FHcL@0P9~4HcL@0P
9~"HcL@09~HT@0fDADH
AWAE1Lt$@fE1Lt$@ANHT$01H@A4@04HH9uAFA;E1A(1,AAAE1AAA AA
AAA
HjjHffffff.AWAVIAUATEUSAH(H$hH|$8tLL0yHpHpHDhHhHpADEE9AGD$$D9DH5D)DhD
HHHD$HIcHHD$H5gIcHHIcH\$IEAUHHAD$DH!I)A)A"H9uIcL$DHLpHLLHt$(D!HFT$PLHD$HLLL$@D
$kELL$@IVHCH9HCI9]ASoCDf$)$tLoCf$)$t1oC!f$)$toC1f$)$DA9wHcL0PA9\HcL0PA9AHcL0PA9&HcL0PA
9HcL0PA9HcL0PA9HcL0PA9HcL0PA9HcL0P A9HcL0P
A9~mHcL0PA9~VHcL0PA9~?HcL0P
A9~(HcL0A9~HT0Ll$(L$pLHtHLLXLKD$@D$|$
JD+LL$XH9HEI9Ht$hHHV9A0UAQ0UAQ0UAQ0UAQ0U&AQ0U.AQ0U+AQ0U5AQ0U ?AQ 0U
<AQ
0U
SAQ0UPAQ0U
MAQ
0U
dAQAA0UA)1HL5Ht$HD1H@of)H9wDAA9t$T$
Mcf.CB0DID9Hc$`L$E1L$h1H|$0LFD$@LS+Ht$H}HHt$H}HD$H([]A\A]A^A_H
|AA1%LDpH$hufDH
y|AALDfLl$(LHL*AAA!AD#L$PD;|$
D$hLE1E1D)D`Ld$H@T=D1H!D!A !A1!D A!L9utDd AE!E)D)D1D1 1D!D$|D DD$ |$D)pt$0)11
1!1D$xH|$HD)LthHDHD=IHAHcD$$AHD$PHDH$AGD$XHHHD$`AGD$lHHHD$pfDhDD
Dl$$!A)!E9HD$(HcDI<D)AHH9@HI9@
A
AzD)D9E
HD$PH|AD5HDDlE1D!D1DL$XADLl$`BHA}DLA1DDL$l!1AAEDhLl$pBHA}DLA1D!1AAEAG6HcHHDDlE
1D!A1AAGDHcHHDDlE1D!A1AAGDHcHHDDlE1D!A1AAGDHcHHDDlE1D!A1AAGDvHcHHDDlE1D!A1A
AG DFHcHHDDlE1D!A1A AG
DHcHHDDlE1D!A1A

AGDHcHHDDlE1D!A1AAGDHcHHDDlE1D!A1AAG
DHcHHDDlE1D!A1A
AGDtZHcHHDDlE1D!A1AAGDu.HcHHDDlE1D!A1AGDT$EDfnT$ALALL=Hf`EAH11fafp@fAoofffA)HA9w
DD9t(H|H@L1D!1THA99t$0H$DLt$x:HD$(H|$8HT$HHDHH9HGH9\QHHN9DDDT$|D A1D!D!1DOD)D1
HcD$$D!D\A1D!1ODOD)D1 AWHcD!D\A1D!1ODOD)D1 AWHcD!D\A1D!1O`DOD)D1
AWHcD!D\A1D!1OdDOD)D1 AWHcD!D\A1D!1ODOD)D1 AWHcD!D\A1D!1ODOD)D1
AWHcD!D\A1D!1ODOD)D1 AWHcD!D\A1D!1 O DO D) D1 AW HcD!D\A1D!1
O f
DO
D)
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HcD!D\A1D!1O
MDOD)D1 AWHcD!D\A1D!1ODOD)D1 AWHcD!D\A1D!1
O
DO
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HcD!D\A1D!1O
DOD)D$@D1 AGHD!DTA1D!1ODD$xfn|$@Dd$1fpfn|$A)Ht$8fpfn|$|DfDof%kHHt$(fpfDo
kHtfDoQr1fo=WrHfo5}
@fofofDoffffEfDofDofEfDoffEfAofDfoffffAfAfrffDfofArfDfAafAifDofafDifAofffAafDofEffAfEofAfDfDofDfEfr
ffEfEfDofArfDfAafEifDofAafEifAaffgofff)H9DD$@D9t[HD$(Hct$@DD$xDL$|HL$8H|fDE1D)A1D1D
DT71D!A1D!11HA9H
JpAy$AO1HfDTA0HH9uyAAH
oAy'D$f.HD$PHLD)B<H$fH1D!1AH9uD$hH1H@A0THH9uD$;DIAA>AA0DE1gD$xDL$|1LD$8pHD$(HH|EA
D)A1D1D DT1D!A1D!1AHH9uIAADdhD$|AAA}E1ArAAdAAVD$@AA;D$@A A
A
AD$@^D$@QAAAAA
AD$@D$@
AAD$@D$@D$@ D$@
D$@
D$@D$@D$@fDHjjD$(PH(OtfDUSH1HHx\HPHDfH}XHx
)H}X9|H[]AWAVIAUATUSHHxH|$HH4$K<H>HHD$=HHD$=HI=HtAE1AHAGtuH(IWIIxHHE1H<HxD[]A\A
]A^A_HItIw0HIIHLHIw8LgIIHLnHthE1ETLt$ Hl$(EfDAE9IXDH0LHIH} HLHuLy@HIH4$HIO8Ht$L1ILd$
DAsH:IwHHHD$(dL\$(IGIIO8MLHt$LP0AL\$('LIO0HT$ 1Ht$ICAH|$ |HIw@HHD$ LT$
IGIH|$IO0MHt$LP0LT$ AL7EAyIHD$ lHHD$(HL$P1MHL$0Lt$@Hl$HHDl$<Lt$DIXH4$H|$(IIuH|$
IMHT$(1ILBIGMM IIMHT$ LLP0H9l$<CHk:IHD$0ML$^H|$(,@H|$ fIXA@KH|$(fH|$ E1YfDLLt$ Hl$(AGt
DH|$ LLLLIGH
9H9H0t AGtI8.I0A"A9uAGtIH4$HLIHLLOIO8IWHIMLL
PjIH4$HH|$jJH|$IHH+H|$IO0IIW@MHOH|$IO0LHH|$IHHH|$IIIWPHVIW8Ht$HH|$H|$IOLHlIW
HIOHIGH59H9p0Lt$LIGIOIIW MOxLHP0H$HH5+H%u<IO1IHH?Hm
HH|$AuH|$(Dl$<Lt$@Hl$HH|$ H|$LH*]H|$tH|$IW0H)6IWPHt$HH|$H
HtHHD LL$ IO01Ht$IL>LL$ AL8H|$^tH|$IW0H))IW8Ht$HH|$;{Ld$H|$LL(^EHIDHL$P1Dl$Hl$
IHHL$0IXDdHHD$0HT$LJ4;)HSH|$HLHt$LH1ILL=tvLVtHLL$(tXHSHLL>tBH|$LH't.ID9l$7LHHl$
fALAH0IWIIxHHCHHIw(HIGH|$IIOMOxHH4$P0AH-
IWHH)'MOxHt$IHx\lsff.AWAVAAUATIUSHH(HyHTDD=@Hs H{>H{]=bm0HHH1H3HHD$t3H{H$PH5
bHLcLDd$wH<$IHD9teHTDLAH
HsH|$pCtHCLSHS ILKxHHt$H<$AAR0|$T$H<$LRAD$H|$IcLEypH

aABrgMH{ @AH
`egA8DE1E1AH\1Hd/H`GLLwH(D[]A\A]A^A_H
a`AlgAQH
1`AAgA!h@H
`A g>fH
_AigA7@AL<$LyHHtHsLLn$\$H<$LtH|$ALcA/H
A_A>vgA1xt$H|$DLAEAHH{xHHH:HCKDAWAVAAUATEUSHH8HyHtHT=@Hs H{^H{}=R,HHH-
H/HHD$(/H{HD$6PH5)^HdLcLDl$$tH|$IHANAAHT$t$$E1E1DHAL|$(t$$LLfHHsLQCtHCLSHS
ILKxHHt$(H|$AAR0tmT$$Ht$H|$>AUfH{
@AYH
]ehA8DE1E1AH-H+H\LLtH8D[]A\A]A^A_AurHT$t$$DHfH
i\AfAhAYp@HT$t$$DHPoH
\AxvhA @HT$t$$DHH
[Ahf.H
[AMihA@AR]HH{xHHHrHCffff.AWAVIAUATUSHH8|HT
DD$))HHUH*H=,HI2,H}IPH5ZHD$HHHD$pMIUHLD$AtlKH
tZAvfeH
+H)Ht$H9ZLfqH8[]A\A]A^A_L$t$LL]t$LLHHuLAEtE1HD$ HEHHLLP(oMtHt$HLLwO|$$THt
Lc@LtLL+LtLLHUHH}xHHEtE1HD$'HLMLLM=HH)HHD$JL HtLHLLD$(T$((EtHuLL!
LL^MOHLH1L$$HD$},H}0t'H}8t H}@tH}HtH}P#HtHu(HHD$(LT$(HELHMLMxILLP0LT$(LAH
=WAf9ffDHHHIH5HH
VA)DffW@HD$E1=fH
VAfzDHHHIHOMKA0AAff.AWAVIAUATAUSHH8HT$ DD$
$HHHf%H'HHD$'H}IPH5UHD$HHHD$kMIcHZD9tHTDL*HaHuH|$EtE1E12
HEHHHt$LP(MtHLLLT$LL|${~AD$HLjt$ E1H|$0A$XZ)fD|tH|$ LAwH
^TAreTwH$H"Ht$HTL~kH8[]A\A]A^A_DHLMLLLMHH$HILH|$LHLLD$(T$(yEt
<}2H}0t%H}8tH}@tH}HtH}PDHHu(HHD$(EtLT$(HELLT$(LHMLMxIHt$P0LT$(LfH
RAveNDHE1H|$LH1t$H|$ LAGH|$ HcLAH
RAe
f.fDHHeHIHHH
QADeTH
QAler&DHD$E1fH
9QAe*DHHHIHM6+HUHH}xHyHLT$(LtbAyAnH=9H9H91FATUS9~MLG)IfHcLHHLH{[]A\fDH
!PAnl[1]A\A
SPA9AD9:LBYB<AHD1EPAu=IDIHDJH9uD9A~Q)9H[Eu_IHD:HBHXH
#OAggpftH
NAXfpmH
NAKjpzA7H
NAmmpEH
iNAaqpH
>NACpf.AUFATUSH9nH_fIA)H:$~\EHl;t6HH9uH}EDLH[]A\A]D;uH#H1[]A\A]DH
aMA}nmH1[]A\A]Hzf_
AWAVAUATUSHXD9EA
IcAH5LHIHHD$(bHHD$(HcLI@IKI!H))@"2)A9AwG@E1E1P!!!EA1H!DD!A !A1A9A@DD

D1AD)!DD1)1 D1!AvD$$t$D)D1D1 1!D1D$8IO
IG)tHlHIHD$HGI\$<L|$@AHD$0HAED$D)D$

DHLHD$@D$EA)!!AHcAHDH;D$HDH9A@A@9D$E FOHD<A1D!1AGFOHD<A1D!1AGxF
O
HDA1D!1AG
sFOHD<A1D!1AG^FOHDA1D!1AGIFOHD<A1D!1AG.FOHDA1D!1AG8FOHD<A1D!1AGjFOHD<A1D!1A
GOFOHDA1D!1A
G4FOHDA1D!1AGFOHD<A1D!1AGuFOHD<A1D!1A
GFOHDA1D!1AGFOHDA1D!1G@L
1fn$f`F<HL$EfaAL1fpI@fAoAofffA)HA9wDD9t&LH@A1D!1HA99t$\$<L|$@Hl$Ht$8)IW
HEH9IGH9A8HVHH9uODt$$ D!1!1UM)1 wD!1!1U3M)1 w
D!1!1U%M)1 wD!1!1UM)1 wD!1!1UM)1 wD!1!1UM)1 wD!1!1UM)1 wD!1!1UM)1 wD!1!1 U M) 1 wD!1!1
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M)DL81 wD!1!1Ufn<$\$A)E1fpfn|$fDoHLfpHtfn|$$A1fDo
e=f%M=fpfDo/Dfo=7Dfo5N
fofofDoffffEfDofDofEfDoffEfAofDfoffffAfAfrffDfofArfDfAafAifDofafDifAofffAafDofEffAfEofAfDfDofDfEfrff
EfEfDofArfDfAafEifDofAafEifAaffgofff)HA9D4$D9tEL$$DD$8HcfDDL5)11 T71!D1!D1D5HA9Ht$(HBYH
BAqvDt$$DD!HX[]A\A]A^A_fDALD$0H@H1D!1AI9u9t$DnfD
^fDfD>fD.fD
DL8D$8L$$1D@IDL5)11 T71!D1!D1D5HL9u{zp$DL$8/1N$DL$8
3DL8DL8DL8DL8ADL8 DL8
DL$8s$DL$8bH
K@Aq$DL$8&DL8$
DL$8H
?AAq<SH_(HtNH{H{8H5?v8UH{@H5?w#UHH5?x[UfD[fDATUSHHHH=?IIH=8HmH=s?HoH=3:HAH=>?HH
=%?HuH=?H/:pRH
>AfvH=>Lu~H=95Ht6A8mAxaAxxAxfDE1HH[]A\fDH=9>L:H=+>LH=>LFH=>LH8IH=2>LH=
>L@@@"Ht$L HIDD$I
H&H5<L(RHE1vH[]A\fL
1aE1H:jfH=<L
1LH
;AQ1}H[]A\ffDfDHH@H|HHDJLD$1H7dH|$UfDL
1E1
H"H=;LH=;LH=;L]L
1E1AHfDL
HczszszyHHHHcfSH597HPPH1HtCHB8HB0DBHS(HHS@CH[AUATUSH(H8t1H([]A\A]@HGHh(LE`MtHL$H
THtLo(LGrtHH|$A>DHA)cA)D$D9#HT$AE4AE0IU HT$IU(c@H
8A577fSCut@t~h_tru#fD[=9=}=tH
48A1[fD-Hw@wfDH
7Aho1[=^H
7An01[fff.AUATIUSHHo(~Ma?

cBULf.2HHHLHLH+H}ZHL$HMR
B
H} HtI$8uAD$ H} !])}HE HH[]A\A]H
5AD@ t
}H}@H535 HLJHLH~HcHM@HEH;f$EDfDUHtuHHL$HL$+}4H} HL$v?HL$Hg?9|H
84A1Y GI$84ff}HE@HEHHM f}>Dm4A'u
A9H
]3A1~@Eta}4H}(HL$)>HL$H>9/H
2Aq1f.HE(HfDE0fHE@HEHH} =A9@]0HM(fAD$ 8H
-2AKA|$ uH
1AfQHE H
1AeAAH
1H
e1AAA,H
*1AHH
0AH
0AxZAVAUIATUHSH_(H{tHItbH}8HItBHHHKSM3LLULm[]A\A]A^fLX1[]A\A]A^#HHCtH]^HE0t"LL7s[]A\A]A^@E1YHE(Hx
HH(P0Ht,DHdHID$`[HE0Huu@ATIUH5c/SH7P FH@HHE8HC0DCHCH](EHHE@Il$(H}EHtHHCtdEH}@CoEC
t?H5.]H{@)DHuHH}@H.^`HHC@tHEHHCH[]A\D[1]A\fAWAVIAUATMUSIIHH_(HGDCHH(At0HDLxHI$H[]A\A]A^A_@HHH{8AHtYDKHLC@Ds(s LDDT$ZYHEDT$AHs8LHH(DLuH}D$iH5-HcjCHHHC8DT$qHc-
AkAfffff.AWAVIAUATMUSIIHHH_(HDCAtQHO(HDLHUHcHH?H1H!H1!HUH[]A\A]A^A_HS8HtOHO(ALDB~HKHHHS8LK@s(As LQHH pChH5<,jHcAHHHC8tI|$@H
,AkA6ffff.AWAVIAUATIUSILH8Lw(HGHT$I~ Hh(H6D$HH9HD$I~ 6_AFGIv8HaIN EN0LMF(HI^8H~AHLH~xHL$HHH8[]A\A]A^A_fDA~uT$LD$,1ILLS~D$,fEFHHLL~f.IfHT$HHH9I~8HHLqI~
r5/IV8{AHIv8L}I~ 75TLD,ILL7IeH5)Hcjs?HHIF8rH
)AkABH
)AhDIWeH5P)Hcj>HHIF8H
,)AkAH
)AAH
(Axffff.AWAVMAUATIUSIIIH(Ho(H}
DEHtrAAHL$uDID$HX(z31L1SAWLL$1LD$(ZY~\$xLcM&H([]A\A]A^A_ID$HDLHH({DHU8I|$HtjHO(ALD
1{~XHE8H} LcF< 2,A9tkH
'Ad1 WHL$ncH5g'jHc<HHHE8tnI|$LL$]H} o29u#MHu8LLSnfDH
'A1H
&AkAZDAWAVIAUATIUSIILH(H_(HOH{ La(H{LL$1HLL$H9SuHHS8HALLDy~fHK(HS
LDK0LC8LH([]A\A]A^A_fHS8HDCLLDyHHHD$ucH(1[]A\A]A^A_@0MELLH([]A\A]A^A_HT$1MLL~HD$
H9uHs8HLa9Iy'aH5
%jHc:HHHC8H
$AkAH`H5$jHcT:HHHC8fH
$A}AUATAUSIHHaHtHHHhuH1[]A\A]@DHL1rHDkDH[]A\A]DAUATIUSHAHHH
"Ht;HL1jH2DHHHHN#H[]A\A]H
$At1H[]A\A]AWAVMAUATIUSHHEHxHt$IHIHLIDn.AAYAH{DD$}HkvADD$!$uIAP9AE)AARD9HA|H
#AX~E1/fH
#A?~~E11H5k#L7L>Hx[]A\A]A^A_DANH
3#m~~E1fAFH

#{fAEr
ABH5"]DD$ DTLcDLL\$7HIL\$DTDD gIcKLIHLLLDTHT$(HD$
[LLLDT$IGI9IAI9LAJHP9AA0AWA0QAWA0QAWA0QAWA0QAWA0Q~AWA0QAWA0QxAWA0Q qAW
A0Q
jAW
A0Q
cAWA0Q\AWA0Q
`AW
A0Q
CAWAA0QDD$1I1LA)1DDof)H9wDAA9t#T$Mcf.CC0ID9$At)!AAnAJHHH9KAt4AtD$)D9M1LLLLvH5
LLVHT HtLL89l$t'T$HcLLL$)HcsL$Hl$01LL$HqLHT Ht$(HL$ZL$fH
!A_A~HkzLfATDH
Aj~L$+zL$HH
An~LyLAJ1Hf.AA0HH9uAfA[E1A>A3A(AE1A
AA A
AAAA
H
A|h~xL$ff.EI1AWAVAUATMUSIHHDHHMLDHtHT='AawI|$]vLAD$,8oEAuHD$AHHD$AFD9.DD)D$
HcHDD
9|H|$H5D\$00HID\$0xHD\$0QD\$0D\$0E1HI1HHHD$8)ALT$8D\$0H55LD\$8LT$0ALT$0D\$8sHt$IcLHLT$D
\$0ALT$FD\$0t/HT$LLD\$0LT$qALT$D\$0D$ 1LD\$0LT$LcHD$LL$ LHHD$8IALT$LL$
D\$0HHlHT8MLLT$D\$ E1HLT$Lc\$
D)D)HcHT52H~Ht5HBI9LD=It$AI9@A5,LDKHDFE9EA$HB0JAAL$HB0J!AL$HB0JAL$HB0JAL$HB0JAL$
HB0JAL$HB0JAL$HB 0JAL$HB
0J AL$ HB0J

AL$
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0JcAL$HB0J

AL$
HB0J_AL$HB0JA1A)H4/Ht$EL1AoDf)HA9wDHA9tHcH)A0H9D$,t)HL$
 HD$ABD:H
AnsHcE1E1HD$E1LFHt$HRL
.HHD[]A\A]A^A_fDH
AnE1dsE1E1@H
AAE14sE1^@XHcHD$E1QDAH
fE1E1KHAt@04HH9uy

DEE1EAWAVMAUATIUSLHHLd$ Ht$(1T$
D$$LfHhP9H5%HHD$*HIHt$LHD$eAHLL1h~AHt$H*2L+HH[]A\A]A^A_@H
A"pv1qH
A'Av1pff.AWAVLAUATIUSDAIMH(g9t7H
ABwx1pH([]A\A]A^A_H5GFHHD$c)HHALHLqg-E11LdHt$H]Hw*DHt$1HcHl$,dHItD9uHpLOtH
AWhx1oxH
yAHAxE1o1MAVAUIATUSLHIAH@XHtH[]A\A]A^fr$A$1ALHtLL$e
LLHtD9PH

Adpun1HpLHD$*)D$bHD$@LL$THtHD$(HD$0j
HD$@HD$0HtTLL$H8HLL$THtHHtTLL$thHD$0HLPHDXH|$0LL$DPT`HHHD$`HthHt(HD$8y
Ax<Ht$(LcLL$HfDH
A1tmE111LALDd1@H
AXugm1A,H
SusfAWAVAAUATAUSIMHH$H4$LD$cHcH;$t@H
AwE1lHD[]A\A]A^A_H5H\$%HHDLHLAHDcLcE_ArA_uAu
}/Mt?DHZ<HHIcHIH)HH9HKHD@DHD$(HD$0HD$@HD$0H8H%HdHD$0HT$PHDXHt(H|$0D$PD|$`H
PHD$`HD$8HHDhwAxoA9LL$(LLHLL$nKLL$MAt?H4$DLHLLHLUHDHLLL$HfDE1E1E1HLLP%H
HH9%@H
AAE1jE1E1@A$uJMaoEE1E1AAoEAFE
AF HDHSf.H
IAhE1E1)jE1}MFHD$E1E1oEAAHH
A,uAH
k@H
AhL$McE1uiL$e@A1H
[t@AH
Cu@A$tAH
UH$HEHUH3H3QH uHEHUH3AH3QH uA 9E t4AH

h At(AH

E1E1AH$HHQH3EH3U
H tAfIAH@`HtHLEPAPIE11HAUFATUSH9nH_fIA)H~lEHl;tFHH9uHH} EHEDLgRH[]A\A];uH.H1[]A\A]DH
AnnggH1[]A\A]Hjf
AWAVAUATUSHh)
D9E]
A
S
IcAH5=HIHNHD$8H
HD$8HcLI@IKIx!H))@"2)A9ApG@LD$@A11E1ADPD!AAD!!AAEAAkB4!D1A IA!A!D1EAD!D !E9Cr
AE
A D E11A)E)EE1E1D!E E1D!AqA!D!E!A!DA!D!DL$0!mt$PAwt$D1D)D1 1!D1D$4HD$@D)Hl$XtDtTHH
HHD$HGIHIHD$HAAED$ D)D$$DHLHD$(fD$EA)!!AHcAHDH;D$HDH9A@A@9D$ E
FOHD4A1D!1AGFOHD4A1D!1AGF
O
HD4A1D!1AG
{FOHD4A1D!1AGfFOHD4A1D!1AGQFOHD4A1D!1AG6FOHDA1D!1AGAFOHD4A1D!1AGrFOHD4A1D!1A
GWFOHDA1D!1A
G<FOHDA1D!1AG!FOHD4A1D!1AG~FOHD4A1D!1A
GFOHDA1D!1AGFOHD4A1D!1G@T$L$$1fnT$f`F4HL$(EfaAL1fpIffAoAofffA)HA9wDD9t&LH@A1D!1HA9
9t$\$THlXt46HL$@HEHQ
H9HAH9JAHVHH9uODt$0 D!1!1UM)1 wD!1!1U;M)1 w
D!1!1U.M)1 wD!1!1UM)1 wD!1!1UM)1 wD!1!1UM)1 wD!1!1UM)1 wD!1!1 U M) 1 wD!1!1
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bM)1 wD!1!1UoM)1 wD!1!1
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)
1 wD!1!1U
!M)DL$41D$ wD!1!1Ufn|$\$A)E1fpfn|$fDox@HLfpHtfn|$0A1fDo
f%fpfDofo=fo5
fDfofofDoffffEfDofDofEfDoffEfAofDfoffffAfAfrffDfofArfDfAafAifDofafDifAofffAafDofEffAfEofAfDfDofDfEf
rffEfEfDofArfDfAafEifDofAafEifAaffgofff)HA9Dt$D9tDL$0DD$4HcDDL5)11 T71!D1!D1D5HA9Ht$8HT$PH
lAr'\D|$0DG}D!Hh[]A\A]A^A_ALD$HH@H1D!1AI9u9t$DffD
VfDfD6fD&fDDDL4D$4L$01D@IfDL5)11
T71!D1!D1D5HL9u{|rhDDL4.1ED$DL$4)DDL4DDL4DDL4DDL4DADDL$4D$ DL$4{D$
DL$4iD$DL$4WH
AJorYDDL4DDL4D$
DL$4H
APArEY-AU)ATUSAHAxhEHIHOtRAktHHc9IcHHLHHcqCH[]A\A]DjH
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uH9u)fAHH
CW[fDH
A=WNDH
AYjWDAPkDt8~&6t
5uf.@3t4AWAVAUATUSH8HH$5IHIMMHHH=HHHD$HHDHHDHI
M^
 MEH|$xiI~0H$I~8tL$MHIFIV8Iv0HH1yAeLIv0H|$HADhLIv8H|$HA#HT$Ht$HH|$ALHTHt$LH
AL$H|$1ILHAmE1HHIv
HT$1H{HIF(LHIF@twIV(HL$1IHzAtZnLE1HIFHtIIV(HL$1IHLAt,IV0Iv81HE1HIFPA
E111HQHYHQH8D[]A\A]A^A_E11LT$(L\$ KHIF0tHLM$SHL\$8HASLHL\$@_H AtL\$
LT$(f.H$I~8tI~0f.LT$(L\$ 1KHIF8<HLH$SL\$8ASLLHHt H ALT$(I~0tI~8HAHH$HD$ ~XHIF LLT
ffffff.AWAVAAUATIUSHIHHHH=HHHD$HIt`H|$HDHu)HD$-
H5D$H[]A\A]A^A_fIHE0IH}0HE8HtHuPHH1H[]A\A]A^A_11H1[]A\A]A^A_fHE11AUS1ATLL$(1H
 ?HH}8E1AUS1AT11MH
HE1E1AUAT1jj1jj1jHxH@HH$AWAVAUATUSDODGDWAAAy7ABGaEAD)AED$D1AA1|$D)C"ADsn<DAE
1AA1xG"AL$DAD)Dt$|$DA11EC+42DAD)T$ADDAwA1DED1AG%gd)DLTDAADD$A1ADEG91AADA)A
37A1DTlDG+!r1gnDd$AADAAA)A1DAEEC%1#CA1DL$ED$)DA1A1y7GbFL$ADAE)DDD$E1A1DDT$DE
+D)<snAD$DD1AxD1D"AAA)ADT$AE1A1Dd$DA)AA11DDF32DAwA1DAAAD1))l$C#fdD37DE:A1DAF*s!
Dt$A1Agn3D$D1))DDAE0#CHqDt$LcDAB33EB3AADt$T$@B3@3D3HcDT$AA33EDB3fnt$HcDT$A33fnD$3
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$3L$33fn\$3LfnTfbfnT$\$fb33\$fl3L$33\$3L$33\$fDnL$3L$33\$fnd$3L$33fn\$fbfn\$\$fAb1|$33\$fl^1V
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FA^F
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A_EuL
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]A\][@ffffff.SUATAUAVAWHdHIHt$dHWHWHWHWHW$HW<L=HNtH9r[HLGIMII3M@HI@HuLNdHVl*L
NdHVlHNtffff.ffffff.HHWHWHWHWHW$HW<HA_A^A]A\][ffffff.ATAUAVHIIIIIr)IM@IMdItHuYILLLLA
^A]A\

Keccak-1600
absorb and squeeze for x86_64, CRYPTOGAMS by <appro@openssl.org>H
99H=*0HSUH HH$H-RH$$1LN9OLNLNN9OKLNLV N(9OKLNL^0N89OKLN)DoH$Do_
Dog@Doo`Dofom`fDo}fAnM@@fAnMI@fAnMR@fAn#M[@fbfAnHfbfEnIfbfEnBf8fAn{fAbfEofEfDbfAofAof
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9rAHP`1rIArA9r)rA)o@9rA!PXp1rIArA9r rA oH 9rA!)X!`1rIArA9!rrA!oP09rA))@1rIArA9)rrA)oX@9rA @
H1rIArA9 r!rA !o`P9rAH
P1rIArA9r)rA)o@`9rA!P0X1rIArA9r rA oHp9rA!)X@!`1rIArA9!rrA!oP9rA) `P)@1rIArA9)rrA)oX9rA @`
H1rIArA9 r!rA !o`9rAHp1rIArA9r)rA)o@9rA!PX1rIArA9r rA oH9rA!)X!` 1rIArA9!rrA!oP9rA)
`)@01rIArA9)rrA)oX9rA @ H@1rIArA9 r!rA !o`9rAHPP1rIArA9r)rA)o9rA!PX`1rIArA9r rA
oH9rA!)X!`p1rIArA9!rrA!oP 9rA) `)@1rIArA9)rrA)yo} oX0A 9rH 1r A9rIAr !rA
!o`@A9rP1rHA9rIAr)rA)o@PA9r!X1r!P A9rIAr rA oH`A!9r)`!1r)X0!A9rIAr!rA!oPpA)9r @)1r `@)A9rIAr)rA)oXA
9rH 1r@P A9rIAr !rA !o`A9rP1rH`A9rIAr)rA)o@A9r!1r!PpA9rIAr rA oHA!9r)`!1r)X!A9rIAr!rA!oPA)9r @)1r
`)A9rIAr)rA)oXA 9rH0 1r@ A9rIAr !rA !o`A9rP@1rHA9rIAr)rA)o@A9r!XP1r!PA9rIAr rA
oA!9r)``!1r)X!A9rIAr!rA!oPA)9r @p)1r `)A9rIAr)rA)oX A 9rH 1r@ A9rIAr !rA
!o`0A9rP1rA9rIAr)rA)o@@A9r!X1r!PA9rIAr rA oHPA!9r)`!1r)X !A9rIAr!rA!oP`A)9r @)1r
`0)A9rIAr)rA)yo}@oXp9rA @@ H1rIArA9 r!rA !o`9rAHPP1rIArA9r)rA)o@9rA!P`X1rIArA9r rA oH9rA!)Xp!
1rIArA9!rrA!oP9rA) `)@1rIArA9)rrA)oX9rA @ H 1rIArA9 r!rA !o`9rAHP01rIArA9r)rA)o@9rA!PX@1rIArA9r rA
oH9rA!)X!`P1rIArA9!rrA!o9rA) `)@`1rIArA9)rrA)oX9rA @ Hp1rIArA9 r!rA !o`
9rAHP1rIArA9r)rA)o@09rA!X1rIArA9r rA oH@9rA!)!`1rIArA9!rrA!oPP9rA) )@1rIArA9)rrA)oX`9rA H1rIArA9
r!rA !o`p9rAP1rIArA9r)rA)o@9rA!X1rIArA9r rA oH9rA!)!`1rIArA9!rrA!9rA)
1r)IArA9)rA);LM;KLM;KLM;KLMo3A9oAf)!)!_ g@ o` zz_ zg@zo`z3om`$HHv@H$wHhHXH
yZyZyZyZyZyZyZyZnnnnnnnnbbbbbbbb

SHA1 multi-block transform for x86_64, CRYPTOGAMS by <appro@openssl.org>D
59D29D/9At2A UAA@E AP fHSUATAUAVIHHIHIHD$@A0AxEXE`Eh
f.AAiD$D1!F*yZAD1AEqDl$DA1!F%yZAD1AAQDt$D1D!GyZA1AAAiT$DD1D!:yZ1AEqDl$AD1D!5yZD1A
AQDDt$D1!G.yZAD1AAiDT$D1!F"yZAD1AEq l$DA1D!FyZA1AAAQ$Dt$
DD1D!A>yZ1AAi(DT$$D1D!2yZD1AEq,Dl$(AD1!F-
yZAD1AAQ0DDt$,D1!G&yZAD1AAi4T$0D1D!FyZA1AAEq8l$4DAD1D!=yZ1AAQ<DDt$8D1D!A6yZD1A3,$

DT$<3l$D13l$
!F*yZD1AAD3t$D,$DD3t$1D3t$$!F%yZD1AAA3TDtD3T$13T$(D!GyZA1AA3lTD3l$D13l$,D!:yZA1D3t
DlD3t$D1D3t$0D!5yZAD1A3TDt3T$D13T$4G.nD1AA3lTD3l$
D13l$8F"n1AAD3t$Dl$DD3t$$1D3t$<Fn1AAAA3T$ DDt$D3T$(13$A>nD1A3l$$DT$
3l$,D13l$2nD1AD3t$(l$$D3t$0D1D3t$F-
nD1AAA3T$,Dt$(D3T$4D13T$G&n1AA3l$0DT$,D3l$813l$Fn1AAAD3t$4Dl$0DD3t$<1D3t$=nD1AA3T$8DD
t43D13T$A6nD1A3l$<T$83l$D13l$F*nD1AAD34$l$<DD3t$D1D3t$
F%n1AAA3T$DD4$D3T$13T$$Gn1AAA3lDTD3l$13l$(:nD1AD3tDlD3t$D1D3t$,5nD1AA3TDt3T$D13
T$0G.nD1AA3l$T$D3l$D13l$4F"n1AAD3t$Dl$DD3t$ 1D3t$8Fn1AAAA3T$DDt$D3T$$13T$<A>nD1A3l$
DT$3l$(D13,$2nD1AD3t$$Dl$ DD3t$,D!D3t$F-
D1AA!AA3T$(DDt$$D3T$0!D3T$G&1A!AA3l$,T$(3l$4!D3l$F1AD!AAAD3t$0l$,D3t$8D!DD3t$=D1AD!A3T
$4DDt$0D3T$<D!3T$A6D1D!A3l$8DT$4D3,$D!3l$F*D1A!AAD3t$<Dl$8DD3t$!DD3t$F%1AA!AA3Dt<3T
$!D3T$
G1AD!AAA3l$$3l$D!D3l$$:D1D!AD3tDlDD3t$D!D3t$(5D1AD!A3TDDtD3T$D!3T$,G.D1A!AA3lDTD
3l$!D3l$0F"1A!AAD3tlD3t$!DD3t$4F1AAD!AAA3TDt3T$
D!D3T$8A>D1D!A3l$DT$D3l$$D!3l$<2D1D!AD3t$ Dl$DD3t$(D!D34$F-D1AA!AA3T$$DDt$
D3T$,!D3T$G&1A!AA3l$(T$$3l$0!D3l$F1AD!AAAD3t$,l$(D3t$4D!DD3t$=D1AD!A3T$0DDt$,D3T$8D!3T$
A6D1D!A3l$4T$03l$<D13l$F*bD1AAD3t$8l$4DD34$D1D3t$F%b1AAA3T$<DDt$8D3T$13T$Gb1AAA3,$DT
$<D3l$13l$
:bD1AD3t$D,$D3t$D1D3t$$5bD1AA3TDt3T$D13T$(G.bD1AA3lTD3l$D13l$,F"b1AAD3tDlDD3t$1D3t
$0Fb1AAAA3T$DDt$D3T$13T$4A>bD1A3l$DT$3l$
D13l$82bD1AD3t$l$D3t$$D1D3t$<F-bD1AAA3T$
Dt$D3T$(D13$G&b1AA3l$$DD3l$,13l$Fb1AAAD3t$(DDD3t$01D3t$=bD1AA3T$,D3T$4D13T$A6bD1A3l$03
l$8D13l$F*bD1AAD3t$4DD3t$<D1D3t$F%b1AAA3T$8DD3$13T$Gb1AAA3l$<DD3l$13l$:bD1ADD15bD1AA
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fAfffff.fp1fDofD,$fl1fAs!1ffD1T$fA1fDL$0!fDo1fDo1fAsfL$fAr1fEo!1fArfA1\$fArfA1fEoV!fA1fp1fDofDD$fl1
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f.1q,$!1s!191T$Y1yL$0!r11sL$11rY!1)rY1\$Y1!11iD$!1s!191l$Q1y$!r11sT$11rQ!1)rQ1L$Q1Ayo^!11a\$
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!r11sD$811rA!1)rA1l$<A1!1cA1$1!!y11ryL$0L$1r!11\$y1!1D$11cyl$11!qT$1ry$1rL$11q\$11cqD$
11!Ayoil$$1ryL$1rT$(11iL$,11ci\$011!aD$41ryL$
1rl$811aT$<11ca$11!Y\$1ryL$01rD$11Yl$11cYT$11!QL$1ry$1r\$11QD$111cQl$
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SHA1 block transform for x86_64, CRYPTOGAMS by
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[]A\A]A^A@I)II$LHKD,JD/HGHH)H)LHHrH1H4H4HH9rL)LHMRfHHC\HCAFAF
AF0tLHHHIH)HAfAu2MyA$AhCD,fBD/WA$CD,BD/;fDATULfSF\HHDHH8I8H)H12tCLHcVCWSTCSUcZC[
SXSYC\L@5HHHUMHHHEMCHHHUMHHHEMCHHHUMHHHE
M CHHHUMHHHEM
CHHHUMHHHEM[]A\HqHHDHH)19H<rD@H)t1HH9rLHL8EfDP1fT?f.HGHGXHHfo?
H)H`1HBH
9L9H='0HSUH
HH$H-@RH$H$1LN9OLNLNN9OKLNLV N(9OKLNL^0N89OKLN'DoGH$DoODoWDo_Do'Doo
Dow@Do`o5Y
ffff.fAofAfAn(fAnfAn
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D~W@D~_`fDbfDbfEbfEbfo[1fEofEofElfElfEmfEmfEpfEpfEpfEp@ffffff.Ao EoAohEoIAop f8EoQ
fD8Aox0M@@EoY0MI@foEf8ffAfofoUfD8fAfDl$PE8fEfofD|$pE8fpfAfDd$@E8fpfEfDt$`foMff8E8fofoUfAE8
foAHf8fD8AIE8fpfD88E8fpfoMfE8fofoUfAE8E8fofoE8fpf:ffAofA:8E8fpfoMfE8E8fofoUfDfA8E8fofof:E8E8fpff
AofA:8E8fpfoMfE8E8fofoUfDfA8E8fofof:E8E8fpffAofA:8E8fpfoMfE8E8fofoUfDfA8E8fofof:E8E8fpffAofA:8E
8fpfoMfE8E8fofoUfDfA8E8fofof:E8E8fpffAofA:8E8fpfoMfE8E8fofoUfDfA8E8fofof:E8E8fpffAofA:8E8fpfoMfE
8E8fofoUfDfA8E8fofof:E8E8fpffAofA:8E8fpfoMfE8E8fofoUfDfA8E8fofof:E8E8fpffAofA:8E8fpfoM
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E8E8fpfoMpf~;E8fpfoUpfAE8fo;LM;KLMfDpE8fofDpUfDoE8fpfDffDfE8fpfDffoX*E8fEfEfEfEfDfDl$PfD|$pfD
d$@fDt$`fD$fEpfEpfEpfEpfAofAofEbfAjfEbfAjfDgfAsf/fsfDgfo fDofAsfw@fsfDofw`HHv HhHXH fDHSUH
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)99H~H-;LM;KLM;KLM;KLMo;ofoG9oO1oW)oo!9o1oO)oW@ !oo`zG zOzWz_z'zo
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/B/B/B/B/B/B/BD7qD7qD7qD7qD7qD7qD7q[V9[V9[V9[V9[V9[V9[V9YYYYYYYY????????^^^^^^^
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pjpjl7l7l7l7l7l7l7l7LwH'LwH'LwH'LwH'LwH'LwH'LwH'LwH'4444444499999999JNJNJNJNJNJNJNJNO[O[O[O[
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/BD7q[V9Y?^[1$}Ut]rtiG$o,-tJ\vRQ>m1'YGQcg))
'8!.m,M
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jv.,rKfpKQl$5pjl7LwH'49JNO[o.htocxxlPxqSHA256
 multi-block transform for x86_64, CRYPTOGAMS by <appro@openssl.org>L8EESE[A A@AE
AP&AHSUATAUAVAWHH`HHH|$@Ht$HHTPHDX_OWDGDODWD_H-W1D&EAAAEE1A
E1D$$A1E!AEE1AE1EADeA1A1AAD!AEA1DEHmEDfAEAADA1A
D1Dd$E1!AED1AA1ADDeE11AAA!AEE1DEHmEDfAEAAAA1A
E1Dd$E1A!AEE1AA1EEDeE1E1AED!AEA1DEHmEDfAEAAA1A
1Dd$E1!AE1AA1ADDeE1D1AEA!AEE1DEHmEDfAEAAAA1A
A1Dd$E1A!AAA1AA1EEDeE1E1ADD!AE1EDHmDDfEAAAE1A
1Dd$A1D!AA1AE1ADeA1D1ADA!AED1EDHmDDfEAAAEE1A
A1Dd$A1E!AAA1AE1EADeA1A1AD!AE1EDHmDDfEAAADE1A
D1Dd$A1D!AAD1AE1ADeA11AA!AED1EDHmDDf EAAAEE1A E1Dd$
A1E!AEE1AE1EADeA1A1AAD!AEA1DEHmEDf$AEAADA1A
D1Dd$$E1!AED1AA1ADDeE11AAA!AEE1DEHmEDf(AEAAAA1A
E1Dd$(E1A!AEE1AA1EEDeE1E1AED!AEA1DEHmEDf,AEAAA1A
1Dd$,E1!AE1AA1ADDeE1D1AEA!AEE1DEHmEDf0AEAAAA1A
A1Dd$0E1A!AAA1AA1EEDeE1E1ADD!AE1EDHmDDf4EAAAE1A
1Dd$4A1D!AA1AE1ADeA1D1ADA!AED1EDHmDDf8EAAAEE1A
A1Dd$8A1E!AAA1AE1EADeA1A1AD!AE1EDHmDDf<EAAADE1A
D1Dd$<A1D!AAD1AE1ADeA11AA!AED1EDHmDl$D|$8EADEAE1AAE1A
AE1E1Dd$$D$$EEAAEE1A E1D$$A1E!AEE1AE1EADeA1A1AAD!AEA1DEHmDl$|$<EAEAE1AAD1A
E1D1Dd$(Dd$AAEADA1A D1Dd$E1!AED1AA1ADDeE11AAA!AEE1DEHmDl$D<$EAEEAE1AAE1A
AE1E1Dd$,Dd$AEEAAA1A E1Dd$E1A!AEE1AA1EEDeE1E1AED!AEA1DEHmDl$|$EAEAE1AAD1A
E1D1Dd$0Dd$AAEAA1A 1Dd$E1!AE1AA1ADDeE1D1AEA!AEE1DEHmDl$D|$EAEEAE1AAE1A
AE1E1Dd$4Dd$AEEAAA1A A1Dd$E1A!AAA1AA1EEDeE1E1ADD!AE1EDHmDl$|$EADAE1AAD1A
E1D1Dd$8Dd$EAAAE1A 1Dd$A1D!AA1AE1ADeA1D1ADA!AED1EDHmDl$D|$EADEAE1AAE1A

AE1E1Dd$<Dd$EEAAEE1A A1Dd$A1E!AAA1AE1EADeA1A1AD!AE1EDHmDl$
|$EADAE1AAD1A
E1D1D$$Dd$EAAADE1A D1Dd$A1D!AAD1AE1ADeA11AA!AED1EDHmDl$$D|$EADEAE1AAE1A
AE1E1DdDd EEAAEE1A E1Dd$ A1E!AEE1AE1EADeA1A1AAD!AEA1DEHmDl$(|$EAEAE1AAD1A
E1D1Dd$Dd$$AAEADA1A D1Dd$$E1!AED1AA1ADDeE11AAA!AEE1DEHmDl$,D|$ EAEEAE1AAE1A
AE1E1DdDd(AEEAAA1A E1Dd$(E1A!AEE1AA1EEDeE1E1AED!AEA1DEHmDl$0|$$EAEAE1AAD1A
E1D1DdDd,AAEAA1A 1Dd$,E1!AE1AA1ADDeE1D1AEA!AEE1DEHmDl$4D|$(EAEEAE1AAE1A
AE1E1DdDd0AEEAAA1A A1Dd$0E1A!AAA1AA1EEDeE1E1ADD!AE1EDHmDl$8|$,EADAE1AAD1A
E1D1DdDd4EAAAE1A 1Dd$4A1D!AA1AE1ADeA1D1ADA!AED1EDHmDl$<D|$0EADEAE1AAE1A
AE1E1DdDd8EEAAEE1A A1Dd$8A1E!AAA1AE1EADeA1A1AD!AE1EDHmD,$|$4EADAE1AAD1A
E1D1Dd$
Dd$<EAAADE1A
D1Dd$<A1D!AAD1AE1ADeA11AA!AED1EDHm}H|$@DHv@_OWDGDODWD_H;t$P_OWDGDODWD_Ht$
XL~LvLnLfHnH^H&/BD7q/BD7q[V9Y?^[V9Y?^[1$}U[1$}Ut]rtt]rtiGiGo,-tJ\vo,-
tJ\vRQ>m1'YRQ>m1'YGQcg))GQcg))
'8!.m,M
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jv.,rKfpKQlKfpKQl$5pj$5pjl7LwH'4l7LwH'49JNO[o.h9JNO[o.htocxxtocxxlPxqlPxq

SHA256 block transform for x86_64, CRYPTOGAMS by <appro@openssl.org>fff.ffffff.H
ooWfofpfpfpfDof:floofon
f8ov0foAff8fDo8fpfDo8foAff88fpHv@88foAff88fpfof:f88foAf88fpfof:f88fof88fpfof:f88foA
f88fpfof:f88foA@f88fpfof:f88foA`f88fpfof:f88fof88fpfof:f88fof88fpfof:f88fof88fpfof:f88fof88fpfof:f88fof88fpfof:
f88fo
f88fpfof:8ffo@f8fp8fAo8fo`f8fpH8fAfA&fpfpfpfmf:WfHSUATAUAVAWHH`HHH|$@Ht$HHTPHDX_OWD
GDODWD_ffo=ooNoV
f8o^0H-f8foefom f8ffou@f8fo}`ffff$$Aflft 1f|$0EHAfoDEfoA
E1E1AA1f:E!E1f:D$AE1AfoA1EfoAD!frA1E1fADfrAAfpEAfrEEfA
A1E1AfrE1fA!A1frDT$DfE1Afo1EfAA!E1fr
EA1fADfsEAEfAEAA fsA1E1fAE1A!fpA1DL$EfsE1AE1EAfD!E1EfpPD1ADfoAAfr
EAfsEAfA A1A1AE1fsA!A1DD$fDA1AfpD1EfouAA!fsE1EE1fADEfAEf4$AfoEAfoA
A1A1AE1f:A!A1f:T$EA1AfoE1DfoAD!frE1DD1fAAfrEfpAAfrDAfA
E1A1AfrA1fE!E1frL$fA1AfoD1DfAA!A1fr
DE1fAAfsDEAfADEA fsE1A1fAA1E!fpE1\$AfsA1AA1DAfD!A1DfpP1AAfoEfr
AAfsDEfA E1E1AA1fsE!E1D$fE1Afp1Dfou AA!fsA1DA1fAADfEAft$AfoDEfoA E1E1AA1f:E!E1f:D\$
AE1AfoA1EfoAD!frA1E1fADfrAAfpEAfrEEfA A1E1AfrE1fA!A1frDT$$DfE1Afo1EfAA!E1fr
EA1fADfsEAEfAEAA fsA1E1fAE1A!fpA1DL$(EfsE1AE1EAfD!E1EfpPD1ADfoAAfr

EAfsEAfA A1A1AE1fsA!A1DD$,fDA1AfpD1Efou@AA!fsE1EE1fADEfAEft$ AfoEAfoA
A1A1AE1f:A!A1f:T$0EA1AfoE1DfoAD!frE1DD1fAAfrEfpAAfrDAfA
E1A1AfrA1fE!E1frL$4fA1AfoD1DfAA!A1fr
DE1fAAfsDEAfADEA fsE1A1fAA1E!fpE1\$8AfsA1AA1DAfD!A1DfpP1AAfoEfr
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A1E1AE1A!A1DL$EE1AE1EAD!E1ED1ADAAEAEAA
A1A1AE1A!A1DD$DA1AD1EAA!E1EE1ADEAEAEAA A1A1AE1A!A1T$EA1AE1DAD!E1DD1AAEAADAA
E1A1AA1E!E1L$A1AD1DAA!A1DE1AADEAADEA E1A1AA1E!E1\$AA1AA1DAD!A1D1AAEAADEA
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A1A1AE1A!A1DD$,DA1AD1EAA!E1EE1ADEAEAEAA
A1A1AE1A!A1T$0EA1AE1DAD!E1DD1AAEAADAA E1A1AA1E!E1L$4A1AD1DAA!A1DE1AADEAADEA
E1A1AA1E!E1\$8AA1AA1DAD!A1D1AAEAADEA
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!ffffff.o=ooNoV o^0yH-qieam u@}`$$Alt 1|$0EHqEDEaE
E1E1rEA1E!E1D$ArE1EA1rEED!A1E1pEDArAEEEEE rA1E1EE1A!A1r
DT$DE1E1EsEA!E1EA1EDEAsEEEAE A1IE1EE1A!A1DL$pPEE1Er
E1EEsD!E1ED1EDsAAEEEAIE A1A1EE1A!uA1DD$DA1ED1EEA!E1EE1EDEAE4$iEEAyE
A1A1rEE1A!A1T$ErA1EE1rDED!E1DD1pEArEAEDAE rE1A1EA1E!E1r
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A1DEsD!A1D1EAsEAEDEIE E1E1EA1E!u
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rA1E1EE1A!A1r
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A1A1rEE1A!A1T$0ErA1EE1rDED!E1DD1pEArEAEDAE rE1A1EA1E!E1r
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E1E1EA1E!E1D$AE1EA1EED!A1E1EDAAEEEEE A1E1EE1A!A1DT$DE1E1EEA!E1EA1EDEAEEEAE
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A1A1EE1A!A1T$EA1EE1DED!E1DD1EAEAEDAE E1A1EA1E!E1L$A1ED1DEA!A1DE1EADEAEDEE
E1A1EA1E!E1\$AA1EA1DED!A1D1EAEAEDEE E1E1EA1E!E1D$E1E1DEA!A1DA1EADEAEDEE
E1E1EA1E!E1D\$ AE1EA1EED!A1E1EDAAEEEEE A1E1EE1A!A1DT$$DE1E1EEA!E1EA1EDEAEEEAE
A1E1EE1A!A1DL$(EE1EE1EED!E1ED1EDAAEEEAE A1A1EE1A!A1DD$,DA1ED1EEA!E1EE1EDEAEEEAE
A1A1EE1A!A1T$0EA1EE1DED!E1DD1EAEAEDAE E1A1EA1E!E1L$4A1ED1DEA!A1DE1EADEAEDEE
E1A1EA1E!E1\$8AA1EA1DED!A1D1EAEAEDEE
E1E1EA1E!E1D$<E1E1DEA!A1DA1EADEAH|$@DHv@_OWDGDODWD_H;t$P_OWDGDODWD_Ht$XwL~
LvLnLfHnH^H&HG
HGdHH(fo
H)Hl1HBlfo
BfHG HGdHH(fo
H)Hl1HBl fo
BfHAVAU1ATUSG HAW$HIG
GhHHHW$t4Lw(H?I<w^HTH?wSHkh[]A\A]A^fHHHH{(DkhHL[]A\A]A^A@I)II$LHKD,JD/HGHH)H)LHHrH1
H4H4HH9rL)LHMrfHHChHC(AFAF

AF0tLH=HHIH)HAfAu2MyA$AhCD,fBD/WA$CD,BD/;ff.fDATULf(SFhHHD(HH8Ix8H)H1tE$LHebEcU`E
UaefEgUdUe Eh@LWUl EHHHSHHHCKEHHHSKHHHCKEHHHSKHHHC
K EHHHSKHHHCK
EHHHSKHHHCKEHHHSKHHHCKEHHHKHHHKCSEHHHSKHHHCK[]A\HqHHDHH)919H<r"DEHHHSHH
HCKEHHHSKHHHCKEHHHSKHHHC
K EHHHSKHHHCK
EHHHSKHHHCKEHHHSKHHHCKEHHHKHHHKCSEHHHSHHHCK}l\EHHHSKHHHCK}l.EHHHSKHHHC
K }lEHHHSKHHHCK
}lEHHHSKHHHCK}lEHHHSKHHHCK}lvEHHHSKHHHCK}l$C@@H)t1HH9rLHL8]f.D`1fTOf.AUATH8USII
HHxHHHDH$LLHHHHpSHxH[]A\A]AUATH8USIHHxHHHDHLLHVHHKHpRHxH[]A\A]+Lu8EESE[AA@A
E AP'HSUATAUAVAWHHHHHHHHHH_HOHWLG LO(LW0L_8fHH-
H1L&MIIIMM1IM1L$$I1M!IMM1IM1MILeI1I1IIL!IMI1LMHmMLfIMIILI1IL1Ld$M1H!IML1II1ILLeM1H1II
I!IMM1LMHmMLfIMIIII1IM1Ld$M1I!IMM1II1MMLeM1M1IML!IMI1LMHmMLfIMIIHI1IH1Ld$M1H!IMH1
II1ILLeM1L1IMI!IMM1LMHmMLf
IMIIII1II1Ld$
M1I!III1II1MMLeM1M1ILL!IMH1MLHmLLf(MIIIHM1IH1Ld$(I1L!IIH1IM1IHLeI1L1ILI!IML1MLHmLLf0MI
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`mHD$8H5q_
HHHD$h\cHc|$pH5P_
H$BcH<$HDHHDH|$x1HH|$@LHAHT$@E11ILL5t
HLPHTHILL H
^

Ag5E1mE1`LxHpLhAH
k^
Dg5E1E1!E1HDH1E1H$[H$NH5^
L`H<$H5]
`H|$H5]
`H'
H_LLHD[]A\A]A^A_f.A#DLxHp1i@H
i]
AAg5E1E1HDHAH
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ADg5E1LD$@HL$1ILLHL$`HT$XILLT$tH4$H|$XKH$HD$8T$tH|$`HHD$@$H|$ H5@\
6`HIAHE1E1t$0HL$xHHTHt0
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DAH
P[
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^V
LT$AVf5E1LT$fH
)V
A>f5E1E1E1H$1H
U

AGAf5LT$E11LT$gA5H
U
ALT$AMH
U
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LLLT$(LT$(u`H
NT
Apf5LTLTH
T
AgAf5LTLTHT$`Ht$L3LT$(tHT$ Ht$LLT$(fH4$1LLT$LT$FHT$pHt$@H<$xLT$uHD$HL$`AH4H
`S
Auff5LT$H05Ht
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SHCH
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Alm51gH
iR
Amm517H
9R
AAm51USHHo(Ht=HH}H}H5Q
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tIcHLHP[]A\A]A^fH
O
Afr5/HP1[]A\A]A^H
O
Apr5DDHP[]A\A]A^f.USHH=$IHH=
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N
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D$HEH []A\A]A^@H
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yL
AKAs5I\$(Ht:H;H{H5BL
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4HTMID$([1]A\@H
L
A%Ao5O[1]A\AWAVAUATUSHH8HtHHD (IH=LII
MHFH=H]HHI
HHDHHHHD$(sHHHD$(HLLE11ILLL~H$1ILLbH$Ht$ILHCHuH|$LH'H|$L[UHt$
H|$HH|$HHHLLd$(Ht$ ILHLtvLLLPtdH|$ILLHtJ
HI,HT$HHHL1H8L[]A\A]A^A_H
I
Aj5HE1H|$AH
I
Dj5DAH
kI
Aj51HD$f.AAH
#I
Aj5?Sf.AAKA
ffff.AWAVIAUATIUSH8HT$HHHD$ IHD$(HHHIHHHHHD$HHDHT(Ht$ LH|$ H~H|$(HdHt$
LOHt$(L:HT$(Ht$ IH|$LxAAOH|$ALLDHT(IHLHtHT$1ILHH
GG
AZk5]'AJH
G
ek5E14L<HH8D[]A\A]A^A_fA.H
F
Ak5E1f.A6A_fH
F
k5|ATSHTHtIH|$LAtHt$H|$ E1A3AWAVIAUATIUSIMHxH|LIDoHD$H2HHHHEHHD$8HHD$
+HHD$(HHD$0HHD$8HHD$@HHD$HLHAAAIFHL$oHDHDD$\fHL$PD$oAHL$PDD$\IHHDD$oAAV)MzH
L$(HT$ IHt$H|$A{H|$DhH5D
eDIAMcLFHIhH|$ DHxLLHgH
FD
A~Dq5E1Y.A/H
D
Aq5E1E1)H5C
LDHHHxD[]A\A]A^A_AQH
C
q5E1f.A<kDAIH
sC
o[fLLHAA[gH
1C
A`q5E1DH
C
AgAq5E1H|$(DLLLHpkH|$HL$8HT$0IH|$H4?H|$0DL'LLHH|$8DL~LLHLhHL$HHT$@IH|$HH|$@DL&LLHH
|$HDLsLLHb]Ht$1HFAAWAVIAUATIUSH(HHLLDLLLH8YLcH57A
LACHHHHLHMLHLHhLHHtnHTHtHltX1HHtG1DHHIH5@
HzAH"LLWHDfH

Y@
Ad5oH58@
H+AE1H1LfH(H[]A\A]A^A_@AH
?
A@H
?
fd5AH5?
1H
?
ADd5H5?
H@H1(UAWAVMAUATIUSH(H<HTHLLLLH 6LcH5'?
LAwAHHSHJLHTLLHALHULHHoHT$`Ht$HUty1HHth1DHsHIH5p>
Hc?HHt$H<$LzALH(D[]A\A]A^A_DH
!>
Ad57H5>
H>HE1E1H5=
HE1>Hqu@AH
=
A@H
=
fd5AH5s=
1tH
e=
ADd5E1xH5A=
H4>HATUISLHHT$1HHtEHHHt$HHxxQA$AHyHHD[]A\H
<
Ai5A1H
<
ADi5ADAWAVAAUATMUSIHH(HDHTHD$xHHD$LcHt$H|$LwHH|Htw9uyHt$LHdue1DLHHHt$HLH|$
H5;
<HH|$wH([]A\A]A^A_AH
c;
hl5z1AH
9;
AAH
#;
Al54USH4HH[)ff.USHHH3HHH[]H{'ff.H3HHff.H>6HG
 HGdHH(fo:
H)Hl1Hfon:
BfAWAVAUATUSHHH4$HrH|$Ht$&7Gt$wD$t$wtwtwtwtwt$H$D\${3H@CKDSS|${AA{ADL$DL$A{|${
A{AD|$A{A|${A{ADt$A{A|${H$AADt$Dt$EE1AE1ADDD$A1D\$A(EyE1E+EDD$E1D3\$lDlDd$<.DD1
DD\$AA A A1DD\$A11D11 1DAAA2A1t$D\$D\$A\$D1\$D11E1AA43L$C<+Dl$EA1E1DEB&DA
 AAA DAAD11\$13\$AA1 D11\$Ae1DD1AL$A1A1D1L$DADDD1D3T$A 1A
 11L$A1L$D3L$D1A 1D1EAL$DB(bAE1EDT$E11A1EAEE1DA1AE3T$ A
AEA DEAD1D\$D1DT$AAD1EE1AA1A E1A1DT$ADQD1AT$AA1E11A1EDl$1EAA3D$A EE1
DE1 ADA1DE11T$AA3T$Dt$D1 D1E1D$AT$C/9D1A1DA1D1D$
AA D1D1EDt$1t$A1t$3t$1 1DA 1B
^Fs1tDDLD3L$D11EDL$ADA

1DDd$1D E1E1DDDt$1DDL$1AD1DL$AD3L$A1 A1A1DL$"ADA D11A1DA
E1A1DD9DD 1|$D1DL$AD1Dd$AD1EE1Dl$A1 A1EEAE1A1E1A1E9yEED3d$ DLDlDt$1A
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ED ADA1D1DE13|$AAD111 D1DD$AA1E1Dt$AA"DEA1DDA1D1D3\$DA A
DL$AA D1A\$1D$A1D$AA3D$1 D1AB*zA1DDD$AA EAE!A!E Dl$A1EEE1E1E4;D!3\$D1AA
A AA DAAD11L$1L$3L$1 1D ADD!D!A1 \$;D\$D1ADA1EA<4AAE13\$ED A !A!
D1A\$EA EEA1\$E1Dd$AAE1D3t$1 D11t$DEA!A t$AA)v1DADA1A1FDAD!A3\$1Dl$A D
AA AA1L$A1DA1L$EA1D1A D1AE1EDD$AAE C<SDDADT$D!E!A \$D1D1D\5D1 A
AD!1 1L$1T$3L$D1DT$AD1A1 AD1AA1DT$EyD A!!A T$D1ADED1D!1D1E6DDt$A AE A E!A1T$A
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1\$D111 1AA1DDD$=zDD !DD! t$1A1AAD3\$D1AAA A
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yDD !ADD! |$D1AA E13\$AAAEA
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AF0tLHHHIH)HAfAu2MyA$AhCD,fBD/WA$CD,BD/;&fDATULf(SFhHHD(HH8I8H)H1t#E$LHebEcU`E
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K EHHHSKHHHCK
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11A1D\HA D\`[]A\fDAWAVH
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V VA]V
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HHBu-
1LD$L:D$H[]A\A]1DL4fDkff.Ht{HtvAVL5=k7AUIATIU1SLf.HHHt2H{L/uH{Lv/uHDm[I]A\A]A^[1]A\A]A^D
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HHHD$(~H|$(1(HD$0?1E1E1H|$fDE1H|$H5(HItHt$(HtoL#@HD$1HD$E1E1HD$HtDE11H|$`fHDHD1E1E1
HD$H4H5LE1H|$HGH9tGHwff.HATUSAxS)9HHLHt7;]t$HcHxHHtWHE]D[]A\fDHcH5FHPHHEuH
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1A8Av/[]A\fffff.Hfff.Hw:HGff.ATUSH9wt HH&gHItH{U6Lc[]A\f.H
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tw1LH5tHcI_[HHLLHD$`~HItDHHH
YtAA/LH50tHZH
tA/1E1IHD$HHH8H|$1fHIdH|$1LHkI<$L=H;LqD$L9D$t$L1HHD$HIcH|$1LHkI<$LI|$mHHH|$HDHHTHHB
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H|$,E1|$,H{ufDH{AHsAVMAUHMA/L1HT$Hs&AXAYyLt$I~BHlHt0HEHxHUHzI~HD$ BH|$ DD$(H
Apg1sHHhD[]A\A]A^A_fDUHsH|$IH{AHsAVMAUHMA/L1HT$Hs-^_yHHHL-HD$XHHH
AgE1)@H}]HDLd`Hx:AH}Ht$@LEHD$8E1HD$HxJAH{!@UHsH|$t@H{AHsAVMAUHMA/L1HT$Hs!ZYy
HD$Hx@HL$Ht$0HAHxHL$HQHzHD$ HD$Hx@HD$Hxq@H|$8HD$8D9p}DpHD$Hxh@H|$ HL$
HT$HAHAHBKfDHD$8E1H}HD$8DpH}Ht$@Ld$`H}HHD$8UH5]HH}L HDpHD$8cHL$8
AHDHLHx?HL$H5hH7H
xAiAgFAH
KAgE1E1HD$Hx?A`fSHH?H5H{H5M8HH5[SH_H5H{H;H{>HH5[EDUSH5H_HQHHHHAgt8HC=HHCtH]H[]
@H;@AnH
AH5HuH1[]fH
AbAH1[]fDAWAVAUATUSHHT$tHIIuJH
zAqdH1H[]A\A]A^A_tAEI<:uMeM)
1 fDH}9}-H}L8LI9uLLLuH}9H}H5HHD$H=CHHCLL7HHH{H}HAEMH[]A\A]A^A_M;HHE7AH
Ad1pH5HrH{H5H5HN11AH;H5}D$'H{H5H5XHH
DAAdD$fu+SHHHH_t HHH[HC1D2H+SHtNHHt
H[@H
ATgfDsDDs2HiN6HN6AWAVIAUATIUSH,HHHtELlH@~,twAxH
adf.H
IATo1E1H
HHD[]A\A]A^A_E1L=#@I~HDCAtHA1
11LHZHHu%luEuVH
Aa oE1SD1HHHt&I~HBA(fEH
9Ap
oE1AWAVIAUATIUSH5+H
HHtELlH~,twAH
df.H
Ap1E1HHHD[]A\A]A^A_E1L=j#@I~H@AtHA11LH
HHuE%luEuVH

A pE1RSD1H~HHt&I~H:@A(f+EH
A
pE1tfDAVHAUH5kATUSIH)HHH
D11HE1HI1MuRf.LVH0HHtI~2@t2AHuHtI~H?tAL9|EtLH5,6L}[D]A\A]A^H
yE1A[D]A\A]A^H
IADH
!A ufu3SHHHHt*HH[1D{-HMHtnHH>uH
A<heDDH[,AVAU1ATUHSH5\HIH}uHHHH5HH1PuHt$HH
 H5!THH4$1HHH5hH1uHL1HHH5HTHH55H1tH4HHHfH5H1tHHHHHH5H1ltH$H51AHH
HHI'H5H1t1L5LLIH1sLkHHcH5H1sLHHH5TH1sLcH5A1HHILq9iHT$H4$H
H[]A\A]A^fDHHHH5_IH11s@H5H1sfH5H1r}f.1IfATUISH$HyHt4HL1jHHHH[]A\H
1A}
[]A\AWHAVAUAT%USHIIHH8H="HA EAW@AuTHT$ Ht$(LLHT$(Ht$ H u,H
AyE1H8D[]A\A]A^A_f.H51DH\q~LKLDHHxH5Hjf.A
AH5Hg/H5
HKfDLJHw2HHHSH5IH1ptfDH%H5HH1]pFLHHIQHH51HE1!pd@DLHH5IH1o2Lj_HHOL_HdHcH5sHHD1o
HLH?u;H(H5P1HcoL_HHH5HtALA9H5#6LH5!Hd,HH5A1HnLDH|$(111IHt$(HH5$HL}DH41HHBMDHH51H(
npLE15FtaL)FD9DLEFHHD$HIMEAtGALED9fH]H5@HmDH5H5#1HpmLHADDHD$D)A0At"H5KHtL@H
5Ts
HY1AwDH\uaH5pH*D|$AD9|$H|$DHHD|$D8HL$BH|$nD$L|$HIwAA;H5HHH52HlbH+D11ATUISHHHt4HL1j
HHHH[]A\H
1Az[]A\AWAV1AUATIUSH5HHHNkLn1HIaH5LcL*HHHDHtL|$
 L'E11ILLHL<$rtfMwL-
 L|$@A1LHj~=IM9uH5kHnH51H}j9f1H57H:1HH[]A\A]A^A_fLHHtHI HA
H$E11IcMH>qtH Lt$@IM9Lt$tA1HHiPH5XH1iMDAWAVAUATIUSHD.HnEA1A98.fD9txUH
o
H5[G1LLi~?HA9uH5L~DDLH1[]A\A]A^A_UH
H5F1Lh~H5hL<H[]A\A]A^A_@ATUHSH5HIH~?HuHz~/H}u2Mt}LH H[]A\@1H[]A\DHT$Ht$tt$1 HtHHtE1
LHHf.H5xHAAWAVIAUATUSHHHxT$uHx[]A\A]A^A_LLIMIAD$L
H5H1ALD@14gHD$ HD$:LL|$1HPLLHE1^L9}EuH5H>@H5`~H)MhD$L
YH5WH1ALLl$ D@1~f1@Lk1HPLE1fLHL39}EuH5'HfH5}H1L'HtT$H
H5IH1eHt$L&HI.T$H
sH51HeD$~AA$HIL-k
@A,LHH5t1Hke9l$H5|H@T$H
H5H1,eT$H
H5H1eFffffff.AWHAVAUAT%USHIIHH(H=HA EAtz10 @6bA.1LHE1sAH5-HL<8IAzHH
AH5HL$HE1cE1L$FAPLT$
9IBBL$t:H5^1H{cL$LT$I~RAD9DH51DHDc~(LXLDHH?E1H51H(D[]A\A]A^A_A
A3H5
HG~H5
H/~fL>HwrHHH;H5IH1sbNfDLH?H59AHH$%H4$1H
fHH5WHH1b^H5.H\H5$H@L>HHH5H iL=HHNH5xH-DH51DH,aLL
LDHHH5xHoqfH5xxHL<L`=H|$111IH5~!H iH.H51Hi`IHt$Hr4H5wHL
H1HHDHLLLTnLH5HLTHAzHwu
HHH5=1IIH_{HTHtLN<H|$t:H#H51H^_>Ht$H$H|$HH51H_HtH^HtH|$LE1HT$Ht$H)o@Lp;H5`AHHHU5
H=H5Hz^H"ffff.AVAUIATUISHIHHtBHL1jHuLLHH$H[]A\A]A^H
1A

v[]A\A]A^f.11W11ff.AUATUSHHtQIIH[9A2fD9t(HNH8LSuH[]A\A]fH[]A\A]fffff.USHHHtHH[]HVfDH[]@Ht;
USHH9}xHH[]H1[]1ffff.Ht;USHH[9}xHH[]H1[]1ffff.ATUSHHHHHt4HHIteHHt5H}tnHH[]A\fHt$6HHHt$uE1f
DH
AbALH1MHH[]A\H]HH[]A\H
APC1]E1Ht;Ht6USHHHH?BoHHHH[]1ffff.AWAVE1AUATUSHHt^AH$HufE1t,HIH4$DHLALHD[]A\A]A^A_f
.H?H4$1ADHIp4$NHI4tLLE1H}LAuH
A"AE1LLJfDE1t$HItAt$vH$HktmfH
A
of.AVAUEATUASHIHHt;HHt3HuoH9]tSH1HH[]A\A]A^Ht^HHHt}HuQHtH9]uH1H[]A\A]A^@DLDHxH}uH
]xDLDHtHSH
yAAO+f.USH1HHt+HHHHHHH[]1fff.AVAUEATUHSAIHHtLELDHHHUHtH[]A\A]A^HHDkHDH[]A\A]A^
H
Am_1ff.USH1HPHt+HHHHHHH[]1fff.AWAVEAUATIUSHH1AHIIHt4HLELDH]HHjHH[]A\A]A^A_H
AwH5$`
H11DUSH1HPHt+HHHHHHH[]1fff.HtHf1ffff.HtH1ffff.HtHf1ffff.USHHtFHH9uHCH[]@H
A>z_11@AVAUAATUISAHtdA|*H@HDH1[]A\A]A^1VfDLHSu
HAHtHt[1]A\A]A^ATUHSHUHHt&H}011$Is1HH&Uu1HTHH[]A\@LPLHHWtH5.L
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SHHHHt=Wu6H{tOCuHHcU +C
 u0t,HsH}H[]fD1HyH[]fD1HyUSHHHHH+tH[]@Hu0H{0H[]EDHv0H03HvHHH#HvHS1HH 1Hcs
H{HE11IYu1H
H[fH0HHATUIS1HRHt:H1LHj1HHRu1HQHH[]A\ID$HHpHTt1HHTt,$fH0gHHWAUATUSHhHtQHBHHt$0o1I
D$HD$$DHLHI0tH9|E1HhL[]A\A]fAUATIUSI1H+@L^HHLHHtL)9|1HH[]A\A]DHtHPBf1ffff.HtHPf1ffff.SHH
Ht.HHt~tJtH[H
A,uH1[H
A&tD$[D$H[H
A)s/H1[AWAVAUATUSH1HIHIIHMIH+H1A8MtA/HD[]A\A]A^A_LHHtOH3==A:uAA<t@E1HtH=tA9x1HH*
fMtL=t1A9.L@HHtH{==ALl$Lx9HXLD$jHH)HUH-
HItH=tA9zLH8HtH=t4=u]D$t=HD$BfD$t=HD$Hd$fA:DkLA9=LHHH==utu@HD$tE1L;l$AA<TDA8DDA;)AA
<w1A:AtLH%HD$1A<tuHD$
BA;u1DATUHSHHHAtH=t9[]A\@HpHHtH=t2:uAtA;ut21[]A\fAtA;u<z1<lffff.US1HcHfDHKHc&H+9|HH[]SHH
H HtWE11HHH Ht+E11HT[1[fff.HATIUHSHt>IHH.
HtE1HHt[1]A\DMt;HHHtE1LH[]A\1H[]A\HuH|H{HHHH@bHt
HH=94H=4HH8'2H82H8'2H82H8g3H83H8gH8HH83HHDHh1Hh2Hh1Hh72Hh2Hh3HHhC3HHDHhHhH 0H
w1H 0H 1H '2H g2HH 2HHDH H WH?H+ut%uHqH+fDfDHqHff.HSHtt(u
HHH5[DHffff.AUATUSHh4$ArxHIHAxZMtUA$X+tkuHxHt$@u%A$H<9}H>;$tHhD[]A\A]fDHD$HT$(HD$f
@HxHtHHHHD0fDUSH5H HHHtIHhHEHt HtHH[]fH5qH1JH
QAAOffff.Ht3SHGHHtH@HtHH5)[fDfDH@H@HGHtH@Ht@1Df.HGHtH@
Ht@1Df.HGHtH@(Ht@fff.HGHtH@0HtDGEu1ffff.HGHtH@8Ht@1DHGHtH@@Ht@1DHGHtH@HHt@1DH
wfDHGff.HGff.SH5pHHH=HHCAtxHHCAt^cHHCAtJHHAt,qHHtH[AH
AH{VH{]H{TH5H1^H[fH
aAA_rf.Htt~fAUATUS1HHLo#LIHPLL9LH{H5q5DHHH{WHHHH5[]A\A]]ffff.f.AVIAUIATUS1Lg
f.L&L9hHt3L9|L6HHtMI~LpHt[H]A\A]A^H
A
AH1H
AAfffff.tuHfHwHt?uHG1ffff.Ht?uHG1ffff.ffff.H5H&HtHfDH
AAHDHDHt+USHHHHuH1[]f.1Dt)u H{SHkH[]DH{ffff.Ht+USHHHHGuH1[]f.1Dt)u
H{HkH[]DH{ffff.1fSHtH[w1[fff.AWAVAUATUSH(L/MIHLIDHD$I}LIIMtu[1Lt$)I}LLHu)I}9|MuH(1[]A\A]

A^A_MAHL$IGHHAH([]A\A]A^A_ffffff.AUATIUSHAHHHHtHLDHtHH[]A\A]DH1fff.HGff.AWAVAUATUS
HHHvIHHHlIHHHxAID$1@H9l$~sI$A4Hx`LxLtLLuI$HELH55LE1HL[]A\A]A^A_fI$HfDII$HMtkLLHXLt
YIHIHHHxAI$HyfE1=3E10ff.AWAVAUATIUSHHIMHHI<$HHLHI$HIHLHHxAD$1{H9l$~kI$A4HxxLx
LLL1uI$H]LEH565LE1HL[]A\A]A^A_I$H
fDHLE1I$HLE1fDAVAUIATUISA$vL[]A\A]A^DLx9A|M`t{uIt$H}@u=A$tCu1It$H}@tD9tL*HA;$t1[H]A\A]A
^It$H}bu@It$H}HATUSHIHHHL`*HH}HHt%HHY[]A\H}H,HA]Eu.HH
)AxA}'1[]A\HATUSHIHHHL`ZHH}HHt%HH[]A\H}H\HAEu.HKH
YAoA|W1[]A\AWAVIAUATIUSHH$H}HLI)HHHI:HULHSHtHuH5HHD$HHHLHxu{HHxY9}eHHxW8IuOHx
vLH;u7IWLHSHtIwHI64D$tfDHHI>HtD$H[]A\A]A^A_H}I>HDfHDD$@HtHHuHfHtHtHWHGff.Hw
ff.HG
ff.Hw(ff.HG(ff.Hw0ff.HG0ff.Hw8ff.HG8ff.Hw@ff.HG@ff.HwHff.HGHff.HwPff.HGPff.HwXff.HGXff.Hw`ff.HG
`ff.Hwhff.HGhff.Hwpff.HGpff.Hwxff.HGxff.HgH7HUSH5HPHHHtH5jHRHHt
HH[]H
AAAH5 H#1HSHtH?H5*HH5+[fffff.HwfDHGff.HwfDHGff.HwfDHGff.Hw fDHG
ff.Hw(fDHG(ff.Hw0fDHG0ff.Hw8fDHG8ff.Hw@fDHG@ff.HwHfDHGHAWAVAUATUSHHH|Ht8T$,|$,H|$H
DHDPL-1E1HD$0HD$H8A9HD$DH8H8H_jgHILIHED0PALPfo
]E)L$@A~11HHL@tA4Nr^FHH9uFTAAHD$H"ArHLD$ DT$HcHHD$DTLD HXL[D/LDT$ LDLLDDT$
McIEA=HEIPHx~rEF1I7DA\xHcfD
HAL
JAL5JHI9t/HD\@EtDIA^wH
HI9uAIcL|$0HUPL@ADD;T$,H\$8AIfE)D$@~@AV1HfDA<tHD@HH9uD$@DDDHED$L1,HcT$,HHjH5H+
HH[]A\A]A^A_HHD$HHHH|$HCtsD$,H|$HH5HH_EwoAJH
tH|$1=H|$H55H_`A{H
AAt]H\$8_1AVAUIATUISHHI|$0L5HHI7tsLHtdH{819=HtTHcH{@HiQ!=Ht<LHt/HHt
{LHHufH1VH[]A\A]A^f.HHtH1@H
AA{AVAUIATUISIHHHhH5&E~HEHCH@HLHHtgLfHtZHHtKMtLLHt4H[]A\A]A^H
AAA~7H1]H[]A\A]A^HtH(f1ffff.HtH(f1ffff.HG(ff.ATUISLHH~YtH[]A\DH
qA^tgH[]A\uSL=LH
Aru1c1H[]A\H
Aas1H[]A\fDH
Af1H
iAnr1]H5t(9tHfH9tufH5H=5H07H0H0'H0HATUSHH-h5Ht~uHAtnDHtSH1HHtE8u@H@H
5Ht$1HPHT$HcvH[]A\fHuuH1[]A\f.1ffff.H0WHH0HHDHH0sHHDHH0CHHDATUASHH1HH5HtHD~0HL$
DHAH|$H5yH[]A\@fDHH0HHDHGHG
ff.HtHGHHHtH8H:fDH8_GTHtcSHHHH?tHt&H[@HH[Ht$HHHHt$uH1[fD1DHtHH9t
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ff.HtHtGHtGMGtAG7WODGAUATIUSHHHILDLDHHLLH[]A\A]uDSHHHHH\HT$Ht$htt$uH[f|$uB1HtHHt
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[A9tVH{9|H;H1At)H;~HZA9t~H;V9[]A\A]A^@=tH{-9}H{.HZD9uAt21LAuA
t[]A\A]A^D[]A\A]A^fH;9[H;HZA9t=uffff.uDeDHt+GtSHuHH5['sfDHH5]sHY5H=R5H=f6HtHHf.x,HcH5HH
@wH=vf61ffff.Gv-HQf6HtH8<$HHjx
H8ft,ATUHSAu$DH[]A\%r5fH9[DHHH]A\HfDUSHHNt]H[]f.H
At{H1[]fDAWAVAUATIUSEMHHL$@Iu\H|$H5&=HIDPAtA,MlEt$M|$ A\$H[]A\A]A^A_fHxH5%pfH5
(pHIAH|$H5@{<HID$At$H=Ad6A,$MlEtM|$ HA\$L#5AH
nA:I|$H5NoH5=LoH1[]A\A]A^A_AH
AH1[]A\A]A^A_fDH=9HHHWc6A0AA6ff.HH=%c6H5Hc6HfGfff.HGff.KH(HcHDH44HHH]H0HYH)HHHHHj
HFHHHHHHHaH)HhH>HHHYH!HHHHqHYH5HHHHiH)HHHyHAHeHHHyH9HHHHHHiHEHHAH

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USHHNLHtHH[]HVfDH[]@AUATUSHHtIAIH9A~,EtGHP~H[]A\A]A9uH[]A\A]fDA9tH@H[]A\A]f.Ht;USHH{
9}xHH[]sH1[]1ffff.Ht;USHH+9}xHH[]H1[]1ffff.HAVAUATUSHHIAHtNHEAxA9ENL_HItXDHHt%H}uPH]JH
HuE1H
AAhoLH}tP1H[]A\A]A^fH
AhCh1-
1H[]A\A]A^f.H1H[]A\A]A^f.Ht;Ht6USHHHH?&HWHHH[]1ffff.1HtGHt+HHHvHU*H1ffff.AUATIUSHAHHt8
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ux1)@IH9tHHtI9|AH1qDH[]A
ADA\A]@IDsfAWAVAUATUSHHHT$0V,L$LD$TEAA9DMxADm(uD1HD$H|$H5]
L$`L$H[]A\A]A^A_H}D$~HD$TD$HHD$ AD$HD$HD$@HD$`D$A1DlHD(HDXHD8H|$H5K
_DHDX<H|$0Ht$8HHt$XHHt$
HUD$HAEHJI<|$HtHLtTM^HL$@HT$(E1H|HD(tTHD
I9uDt$E9\$H}?D8L$IDsE9tHUAEAHRD$EuD;tDtAEtHMHI;T$D9t$TDt$EI9u^HH|$ IuEMDE,D$LH} H5
L}L$E,9^HD$0HE HhL^HDHD$ fHt$8H|$0'@H
A kDHUA@EiH
AA Ak1f.USHHH(HG @u)t HT$$H1S8HT$t6Ht$H}t0HD$x0t51HS8H([]@H([]@fATUSHt[]A\fDHHt1Hb0HHC
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AjD1+AWAVIAUATAUSHLHMAtAE(E9\DD9[ImHIG
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H[]A\A]A^A_u
IG @u8H[]A\A]A^A_IG @IHI1HI_xHLHHHD$t1E1H*@H|$HHItH|$9|H|$w9|H5<5H|$CLH55H|$MIG
1Lp$IL1KHAAWAVAUATIUSHHo
LgH}8Ht>H}HAHtH5NWHEH1AL}HhfHuPHtHUX1LHu`HtHUh1LjH[]A\A]A^A_fDA9t0H}85M@1MHL~yfIE
AH1IA>LAU851H[]A\A]A^A_@IEAHIA@L1AU8H[]A\A]A^A_fDIEAHtR1IA?LAU81_fI1"%I1bI1f.SHH
HtSHHD$HtC@u
Kt`tHHHShH [DHHHfDH|HTt$
HDHTt$DHHHhqfDHH1SATUISHH GtZt1H []A\f.?u1HcESHH9~.HE<lufD?
ufHU|Zu11LYHHtQHt$H|$HH<jt8TxDfDHD$|^D$01fff.AVAUAATIUSHw HHFHnu
1 LEWHHAxEt1[]A\A]A^@ts~>MDLuHDH 1HS8tLHHHEutsx9[]A\A]A^MDLtyH
fDMDt|L
1HS8!fDMDt0LfHDsHDIHDImAVAUATUSHHyHD`ADsHHHHSHtrEiHC
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LH[]A\A]A^A_1IfAWAVE1AUATIUSHAHt$`HT$PHLhLDXDHLL(HDHD
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DDDDAf@ADH$HL|$`II?SlLHL$ HHHT$hH
HTXL
HT$(L$
bGL|$PI?lIF I@ ,I1L$L}9L}HHtItHDGLI9GLH~uZLH:tLH&tIHgIHLI^ HCHu

1 HgFHHZHFHD$PH(1|$H[]A\A]A^A_DIAfD$ AI^ DDHDHCu
1 LEHHBLEIAHD$8
|XEI9E|IHHouD$ /DdpLd8BI{HHLHuIHIr{9|IF
Dd$p@t^Hl$8II~DT{HHyHH>uIHcAI~{A9|D$ubADLpDHt+LcDHHyAL$@|fDHlDAmHT$0SALd$0D|tLl8
LtxDpD$
$1AfI$#zA9I$D1zH|$8HCH{IHuBf.H{y9H{y8uHxLuHD$8HHL+L0MMA}d1A>H$D$I}My9I}1HyI$I~5yLH\I~
y9|D$9R@L$Hl$=]D$A$IvHtufDD|$tLl$8Lt$xS!TpTL$p
L$1T$*fD|tLl8HLtxIEHHHA>fMn1ILw9Lw8uHpLu9L$H\$
HD$PHIFHHMmHAHt+H@HH*~yAnHD$XaDHG
H@t<AWAVAUATUSHHhu/HYHh[]A\A]A^A_DfHvDxHD<E1HDHD8HDHDHHD$
f.HDDHD$@E1Lt$XvHHHHZHCXHHt$@HHHt$@HHS`u5E1H|$@dLdHHh1[]A\A]A^A_@E1HHt$@HShtH|$
@cLcHD$@D9i=AHCXHFHHD$HD$8HD$PHD$XL|$P~HD$(HLLHD$DsLL$
LD$(HL$0Y^uXHt$(HHIcHLLARLL$
HLD$(HL$0LT$8cLT$8H55LOtXZHt$PHHD$HHt$@HL|$XHHD$8D$<S`fMLHS`LHLHSh8dq@H1S8H|$@D$
(b1bD$(HAD9l$CfD1Aa1aD9lHDHt$PHD19fAUATIUSIHHt
6i115LFsHHHHht[Ls9|HuGH
}Akkn1?DLrHHHluMtHLslH[]A\A]H
!}AclnH1[]A\A]fAWAVIAUATUSHXHHHD$7rIp6r1HHu
AtUH
|A<DjE1IA1XHXD[]A\A]A^A_fDMg1MH|tHD@(uGMIG
H@<HHD$<LamHIH|$D$8tmLt$I~'q~[I~HtRME1Lt$.I~DqLHkI~ApA9|IG P(?%BD$
,HDHD$,D$$HD$0HD$H.tIYpA;H
zA<DjIALkI
p9DD,D$,Ibo;D$Lt$M@I~o/AF(t
EN0EsIAoAAIL1AW8IRoID$D$$!
|$7E1E115fDIHtMcL9WAA19\$InIIG @uAt$uA2Lt6MA%AL1ILAW8$cIHtIcIcHH9A A9\$
Im$IG @,I1L5x1mH$D`HDHHDD9}|IG D$HDh,E~gHL$E111HtAL$HANHA9~3HA1IADLAW89$I
mHHIW Dj,EIHt&H$bADOAMcC;HAH1IACLAW8IH1E1A;|IG $;H 4$1L5tIG @ MAL1IALAW8_IW B
{rMAAL<Ik)tS9T$u&D1AMA(LAW8I4kDl$$ID$(DDAu k;l$HD$MHILH|$0AW@MkD$(D9E
$Lf.IeHyuA9|H|$AtuLt$I~Wj~+AA9F,|Lt$I~ AF,0uIF HD$Hxj~&HD$AM9H0|@0DMLl$HLLd$1LA
$A9LD$,D$E#l$$D$$L$eIHi;D$A
|$,uH|$|$,%1AMALAW8a1AMA"LAW81Ht$HHt$HLU`IHt$Hdc$1H|$HHl$HA1HSA
Dm$IH@(EIDhHIADHD$,ADLcIg1AMA&LAW8Isf.Ipag$Iup;l$jHD$1DL%g9mL#gLIHLAWHtLLLl$tL3fDDT
$8EE=\p$LPSGMALtIzf^DT$<A$D$$D,$EA9LHt$HH|$UH|$HptdfAFD$,H
1pADj{H|$HupAD$,DD$,H
oATAjG{AIG
 HP@ HLLI1haLAWPRIG II1HHIG0HLItdIkdHt
twHyHI^LH$/DhAE~"L.H<$D$.9D$g1AIAHLAW8[IcP9;D`IAt$cLMLHAdA unIG @@
DuP11UH7HH$u4@H<$DLc8AH<$&cA9|H<$hFLHet/1AIALAW8kD9}]A@AIb1IALAW8"@(?D$@@LTLAI
G @sLAWpAd@EJDH
lADjxAD$,A@H|$lIHT$HAaADLb-HJ5AvLD$J-H259D$dL]HI8DHi-HI3H
LQLmZD$,;I`BH|$HkH
lkAAjvAD$,I`HRD$<7D$IsEeA;A\`AIL1AW8D$<I5LA[H
jArAjvIA1[IW B i4pIA_AIL1AW8AZH
jAjE1yuIA1sMZ1D$8D$<H<$bBE4@4^{4}IA^AIL1AW8SA^AIL1AW8'L]HIt\HD$HxTH4$LiL4
OLWrG^AIL1AW8AkH
hAAE1tALYHIGD$8D$<uLrYI]9D$AmH|$
HD$A@(uD9FLD$,YFII1D$$C]H}HD$%]AH}]f8Ixu|HpH|$}5~jH} gD$$IHE ALuE,\A;~

IXHgA;I(A9YAAVAUATUSHHLH[HHHsHVH{3H{HS j,~2HH$QOHfHc;[MtI|$[H8[]A\A]A^LHLkI|$
dfll$,HS1HID$ IDAAD(uAL$,uH1HC 11LHHu5MsLAH1S8$@M
1LHS81fD[]A\A]A^HCH1HBHS8m[]A\A]A^H1EHC
11LHHAD$8LHS8fDH1YTfDH
dAAoH
cA
BGoEMLt$1HHS81ZH1XH13AH
>cifH1X1HHS8H1iXIwHLHfAWAVAUATUSH(HHL$oHH^HH}HoHI!HI!LHAZHHHHkHHMt&LHFLHE8EHI
LH_7H LHHt LHHi LHHE1LE1,DDHHLAH)D9H< IHDH
fDAL<VA9DL8VH4$HHHDuHCHHD$t HL%DuH|$gCH
q`AAikLE1CH(L[]A\A]A^A_fH
1`AiE1kf.H
`AiE1lkf.MtHD$HyHLL/c2fH
_AiE1k3H
q_AniE1jH
A_AiE1jH
_AiE1|jH
^AiE1LjsH@H@ffffHHHHHt1DHHHHwff.Hwff.AVAAUIATUSu$JuXA[D]A\A]A^fDOvtzuD`EuBXu;IE P uh
IE HuXtdIE p uh @H
\E1A]y\h[D]A\A]A^DutCtQH
\AwxE1hH
q\Ajyg11D11uDH5!\H!Ht H@H
[AAHD$bgHD$ff.H Hw(HG@H*HGxDSHHHt
HH{ HtHt`HC HoHH5|5H>PHHHH[f;
fHt#SHRHH5Z[=DfDHATLUSHH7HWHOHGHG(HHHHHHHHHHHHFxHV8HHHHHHEHGHHF0HHU(HC@
HAHHEHC8HE HHC0HE@HHCPHEHHHCXHEPHHC`HEXHHChHE`HHCpHEhHHCxHEpHHHHC 1HuHA H
YAdHL1[]A\DHHC0HE@H
HHCPHEHHHEPHCXHHHC`HEXHHHChHE`HHHCpHEhHHD5HCxHEpHH\}5H9v5<@HaHHGXHGHHv5H
G@HXHG8HHG0HHGPHHG`HHGhHaHGpH~5HGxH|5HOHHC HH=U^H{ HIHC P$t3LHJA fx oaoHtHk
HsE$Affff.H H GH
H@HGff.HGff.Hwff.USHHHHH5w5aKHH[]Hw8ff.HG8ff.Hw0ff.HG0ff.HG@ff.HGHff.HGPff.HGXff.HG`ff.HG
hff.HGpff.HGxff.HHHffSHHDHtH{
H[f1[fff.HG ff.USHHHH Hk H[]AWAVAUATIUSHHDH&JHHI$@tFHtHH1HS8H[]A\A]A^A_fDHs LHFLnu
uE1LLHTk~1HS8LHtBLLHy%u1HS8fHHH#Hu1#HS8t[u1,HS8t;A$1)HS8u@1pHA9|AlHHHHHHSHu1!HS8tHPA
u'HHfHC HLHPwt1HS8[HLx6DHt!16HS81HKHIH3LtHCHs LHD$HC8LH$HD$8LLL$LGpL
GLIFpLFLHInLu#HH5Q!ffffff.H5qQoffffff.HHH2H8Dffffff.H6H?DDHt{SH5Ky5HH0EH{8H5lEH{HH5PhH{P
H5PiH{`H5PjHH5Pk[fffff.H5PHVpHt!H@,HH$HH
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'hH$ww(fff.w,fff.HGff.HwHOfDSHHH0Ht>H[@Ht$^CHHC01HHt$ufHAUATIUSHHH0H5v57CHtj
C1HID$0u7wHCHfHItVI|$0HA>t]HRC9|IL$fDID$0H[]A\A]H1[]A\A]1DLD$$D$fffff.AVAUATUISHHHAHt:E
u5HHRHHHF1=HtZ1H[]A\A]A^HtH8HHu3I|$8H5AID$8H[]A\A]A^|LsI|$8H5{LEAMID$8tEuHL;LHHHRI|$8Ht
ZH<yH5LFHI|$8AI|$8D$n=ID$8D$8@@HHID$8uH5WLAHR1ff.AVAUIATUSHHHAHt:Eu5LrHHHIG1o<Ht:1
H[]A\A]A^HtH6HH[]A\A]A^|+LHHKH;HHtI}8HHn;uH5kKFHfI}8m@[I}8D$(<IE8D$j|Hpt
HnDH=EW/{?HHIE8eH5JAH1w@fff.G@fff.HGHff.HATUHSHHt0LfHHI9tH5uJsLeHHCH[]A\fHtH5LJJHEHA
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MLe`tH]hH[]A\A]fHLohtHuH*4HD1E1f1fff.HGFtGAAATAUASHHv

S$K({,EIu U$AHEM(},HSHEHEHUt
HE1HCHs0HE+HEH}0>H{8tH}8HsPHtH}PHs`HtH}`?[]A\f.f.EGtDM Euu
tCE$u<U$u9E1HEtE1},th1ft}(uE1M(HEu@tu
U$tM(HEAt},fHHH}8H5U;HE8H{8Ht"H8H5Q8HHE8tKC@E@HSXHsPHmt1Hs`HShH[]A\@H1[]A\u
U$E1fEHEHCHs0HEfDH{8tZEH}8H5}A:HE8H{8HHVH5o7HHE8eC@E@HsPHEHSXHu5Hs`HHCHs0HELH{
8MDHsPHuD.,fH519HE8H{8H!E1(DHSXH1DHs`HEEDH1SfUSHHoGkH[]ffff.USHHHH|Hc1HtHHH[]G(fff.G,f
ff.Hfff.SHH=
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H5"4HpHp[fDH=58Hp[fff.HH5d5H=5i7H5HHtCSHHH?HtH[!Ht$FBHHHHt$uH1[fD1DHtH3f1ffff.HtH
f1ffff.HtH(f1ffff.USH1HH0|7f.H}06X4H}069|EPH[]ffffff.f.H?HG ff.HG(ff.HG
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H9tMf.1ffff.HG
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A91L+HItahHL(t,EH[]A\A]A^A_fDH
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HH?bHHHH[]H
9<A6CsGH1[]fDHAVAUATUStHHAIutE1[D]A\A]A^E~ AuBy
L&H{LHtAAtAH[t<DkfDH;E1H{ADLHAyDLFCbfffff.AVAUEATUASHIHHt;HHt3HuWH9]tH
1HH[]A\A]A^Ht$>"HHHt$tHIu5HufDDLDHtH}uH]fDDLDHotHsATUHS1EHH1Ht"L$0DHHHD$D$H[]A\fDA
WAVEAUATIUSHH1AHIYHt4HLELDHHHHH[]A\A]A^A_H
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[(1DHtGH(,1HtH?Ht+fD1DHtHHtH8;.1DATUISHz!{H56&HcqHHLH8x<Ht$Hc1Hl$MH5y62HHHH[]A\DH
Q6A,v1@H5.6-HH
6A'A1@AUAT1USIHLH55Hc>IC<$H55H?HcjHHtJHtEHt$LH\$LDHH]H5v5IHHH[]A\A]H
Q5AAA?H505BHH55HC1AVAUATUSHHHHH'*=+tn=AXAXAXX@H7D$tSHT$1tAD$CyStj=ADSHHH1H[]A
\A]A^fDADADADDl@APAPAPPL@=Y=}=AAAusA1A1A11-?wFAAAf.AAA@AAA1t Df.DATUHSIHw
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H=S5ff.HN5@HIHOHwRLH=Q51/Hf.HHH=R5qfffff.HHH=R5xfffff.HHH=R5>qfffff.HHH=cR5wfffff.HHH=M5
nqfffff.HHH=M5~xfffff.HHH=M5pfffff.HHH=M5~wfffff.HHH=W5pfffff.HHH=W5wfffff.HHH=W5>pfffff.HHH
={W5vfffff.HHH=S5npfffff.HHH=R5~wfffff.HHH=R5offff.HHH=R5~vfffff.HHH=[O5offff.HHH=;O5vfffff.HH
H=sP5offff.HHH=Q5H5R5nHHH=3P5vfffff.HHH=KN5.ufffff.HHH=N5nfffff.HHH={N5~ufffff.HHH=O5~nfffff.
HHH=P5H5R5gmHHH=sO5ufffff.HHH=M5sfffff.HHH=sN5H5|U5gmHHH=SS5.tfffff.HHH=3N5H5|O5'mHHH=
M5sfffff.HHH=M5H5T5lHHH=R5rfffff.HHH=M5H5N5GlHHH=CM5rfffff.HHH=K5H5\H5glHHH=P5.sfffff.HH
H=K5H5H5'lHHH=P5rfffff.HHH={K5H5G5kHHH=3P5qfffff.HHH=;K5H5H5GkHHH={P5qfffff.ATUISHH^'Ht!
MHHHc0HxE1[]A\D[1]A\AUATIUSHHIHEH9t(H=L5HMLHH[]A\A]mfDtMtAEo0A$@AD$H[]A\A]f.AUATIU
SHHIHH9t(H=
H5HMLHH[]A\A]>mfDtMtAEoAADH[]A\A]f.IHHH=M5lff.IHHH=O5lff.IHHH=pK5lff.HHH=kM5H5\L5iHH
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HDDH[]HHH=sO5mfffff.HHH=J5H5M5'gHHH=J5nmfffff.HHH=J5H5N5fH
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0Htt
@H5HHHHIHWhHwXH=H56fDAWAVAUATUSH(H.H1HH11HMHHH{Ks
OS~
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@HRt R %HH;HK11ZH:L11XHH"L11HH
LHHtHLu81L9}kLHIIH!=YALkAAZAHE1E1%IHDHDL(A9%DLHT1HH}LHIyHHLHT$1Lk(H9LHIMH5
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=2AMO|$umMf|$uUC0DHHHOH(1[]A\A]A^A_H([]A\A]A^A_HH@Ht Ht&~+
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AI}0A9D$I}0DLHH6hH}(HtcHD$HIu
H}(9}hH}(8uHpL;uHD$HtH(1}0GDH\$HtLHHC;tAD9d$9f1Hh[]A\A]A^A_fDLH}(IC@ILI}0CILfH
);5@H;5D@H= ;5d@H5:5t@HH=:51bH
@5T@Hq@5@H=a@5@H5Q@5$@H
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AIA
}'H1[DHH@
HtfD1DHH@Ht1@1DAVAUATUSHLhMt8HHHI8HI,8LHLHL[]A\A]A^[1]A\A]A^DH9a5HHDH=a5f.AUATIU
SH5 IH(HHHt'LhL`HhHX H[]A\A]fDH
AAHD$2&HD$ff.Htu@H5ffffff.HHH
q@5@Ha@5D@H=Q@5d@H5A@5t@H
95d@H95@HH=@5_H5=54@HIHH6H
ff.H5AA5@HtkUSHH/HtLHH}1H5A5H}QH}H5{H5|HHH[]f.fffff.USH5H\(HHH
HHt(HHCtCH]H[]H
9AiA
$H; H5HlH1[]f.H
AiA
#H1[]fDH
)<5@H<5$@H= <5D@AWAVAUATUSHHH|$HHD$(D$DHD
 A=HD$H8
9DHDt$H8
HD$9Ct/OHHD$
dH|$(HCD$@HH$H;H$HH"H[Lz{L|$V)uHL$uJH<DH|$(H5GD$HH[]A\A]A^A_HD$D+XHD$H4$H|$
D$fDLt$HI~AFAIn@H}=muHcLdI^A<$mAuHD$L`f.AD$ELD9}ILmE~@ult6AD$ fDIAA}LEluD}lDAOH
A 1HHD$1|Ah@H
A 1H$fD11Ld$89DH|$(L
AH31DLHD$8}xH|$(

9|HD$H5*Hcfh
HHD$0JHT$1Ll$0Ld$8H-3HB5fDH|$(AHLDLHD$8xH|$(9|H$ ATH
AZADYDH|$ D$H
KAHA!HDAWAVIAUATUSHL'AD$u;ID$MHtI?HpHcHr
IH[]A\A]A^A_fDHHH2A1E1TI<$uD9pHt)HIH<$H'DuHLI<$9|AHs3H1DHSI|$HcHHIDAHtH33DHH@HD
$H<$H5/AD$I|$H54hI<IDfubAD$ @H$H55HH
aAA
7cfLH$fL?fHH=v55VH

a85@HQ85d@H=A85@H5185@AWAVAUATIUSIH
3H(H.HHDHtH|$HOHl$thDhPZY/I]HtIH{H5`85H;H{H55{H5$|HIEH5\(HH(HH$HHCHt$CHH)SH:HDH{H
54CH;HCCC H|$H5D$HTDCI]I$H([]A\A]A^A_H
AiA
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AiA
H;/H5lH;wfDHCHT$HE1HxH)H|$A9H|$D1I6fDLH;DxH]1LL9|AHN,rHH=.55aSHH9t8USHHHH1HtH;H+H[]fD
1HAWAV1AUATIUSH1HMH1H}L}L-

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AuH5
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AmA1fH
q)5@Ha)5@H=Q)5@H5A)5@1HtiATUHSHHItCHEHtyH@(HHLu8H
AJ~xoL[1]A\fDH;pL#HIl$[]A\fDH
ARoxDH
yAN|xsfHATUSHHoHtH[]A\H8HIHH8LtcID$H@ HHLt}H
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I<$I,$HH[]A\A]H1[H]A\A]1HtQATUISHHfHHt8HHLHHDDH[]A\H
AA
uffffff.AUATIUSI1HHHtHDHtGHH<HHQHt,HD$MIEt
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A!A
efffff.AUATIUSI1HHHtHDHtGHHHHAHt,HD$MIEt
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&5d@H&5@H=y&5$@H5i&54@H
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UH)H~I$HHLIHt$HD$IEHL[]A\A]A^A_fEtLHtHEE1AVAUATUISHHHAHL.MtNHL~EuI$HHxH[]A\A]A^MtL
m1aEI$H1oH5fHcaHIHD$HELt$LL~qI$HLOLl$VE1.H5
HcHHD$HEtMHt$LH}H5
uHEH
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AAeHt
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HHHH
5@H5@H=5@H55@1HHfUSHHHt2HHHHH}HtPH[]DHt/HHHt#HzHtHHHBH[]T$H4$HHHEH4Tu1H[]T$
H4$HHHHH4$T$G1fff.USHHHt2HHHHH}HtPH[]DHt/HHHt#HzHtHHHBH[]T$H4$HHHEH4Tu1H[]T$H4
$HHHHH4$T$G1fff.HHHtH@HtHtH@D1DHHHtH@HtHtH@D1DHATUHStdHLH1Ht5Ht&LHMtII<$HtXHt#
HuHO~1[]A\[]A\fD1@HIHHufKHHI$uffff.ATUHSHHtFHHt6LHMt@I|$HtH[]A\bfHHID$uH}[1]A\sHIHHufHH
Ht$SH5D!5HH8HHH[fffff.HHHt,SH5!5HHxpHHH@[fDHHHtH1ffff.HHHtH@1HHpHHxffff.Ht;SHH?OH{H5,5
HH5
[f.fffff.HHtfAWAVAUATIUSH8HP&It)IP&IH8[]A\A]A^A_H5Y
\(HHHH@HHCHC1HC HD$,ILHHD$) HHH8HtSH}HCHtUSHC
HT$1YLHHD$HD$,MD$D$H=0E1(HIFA&u%@I>5M>AD9d$-H|DwT1HHIHx=tI~L1I~LuH
A=A"LH5I5H|$oI~H55_IF|$,E1AHjLRDH
1
A^A"|$,uZHxH71@H55H|$HT$1LD$,HHLD$,CHT$1LHIxHNQHC1H55H|$-A-H
;
A"H55H|$|$,^AI|$,SHH
HHt$HH{H [Ht;SHHxt1H{H55iHH5
[@fDH{H5u58fDAUATUSHHu HHAHHaHIH5>
4 HHHHEteEu0Mt7HLmtHCHEHCHH[]A\A]@MEuHHEH@E1sH5
;HLvH
A=A"H1[H]A\A]H
Y
A6A"H1HtG@Htx9w~HcHH1ffff.HtHGfD1ffff.HtG(uHG
HG1DS1Ht1HHHt[f.HtHGHttHf1fff.HtHH@1ffff.HtHH@1ffff.HtHGfD1AWAVIAUATIUSHLHE1$HsH}HCAL
A9DLHxH=t}H;=tnH3LCHHuIHtH31HHt|II~HH@MHELHDDAH5a5LD$}D$H[]A\A]A^A_f.1@HHHpHHHx
H=@SHH@HD$ Ht$(HH$rHxH@[fAVIAUIATIUS1I|$;9}7I|$;L9hHuHLHx3u[H]A\A]A^1[H]A\A]A^fH5
vffffff.AVAUIATIUH5
SHBIHHML Hht0I|$=tUI}HHHAWtLMtI~HtpL(t,HtEH[]A\A]A^I}u*I]AeH

A"H1H[]A\A]A^KHHIFAauHHIEAS5H
ADA"?f.ATUISGH.uHEtB1#fDH}ULHZt>H}*9|[1]A\H}L,[]A\[]A\HHtuH5
\ffffff.HAUATUSHHHaH} H5EH]~9L-5E1@H;AH XH{LH{SD;e|H}H55H}H5b
qHHH5J
[]A\A]rf.fffff.AWAVAUATE1USDDIHhHH|$HHHt$HL$8HD$XADDADEDAD$ Dl$(taDD$7
ADAAt_DLC1IH$LHu1Hh[]A\A]A^A_HD$H|$CHh[]A\A]A^A_l$ADt$OA LHI?A#
LE1HxAAAt^~LHIALBAtAH@A AHxHcH9LuDt$A,
DH5@
0AHHD$AA IcH5
HIHD$ML8DpI11HHH1LHLHX|$A\$(lDl Ld$ H|$ I NIHLDLHD(J5HL$(M'H9D$

EAO1uDlDHDyHL$HcQH9ID$
fDI} IE
E1HDHD0VD|IHD(IP9D$fDIt$E11>IfI}9}HI}IT$HLHtH|$1HLHSAEu!IUHtH|$1LH"ID$9D$JAE8>E1XAI
}XA9I}DSAEHuH]tL`L"9t1Ll$L|$L9\LHHLIHuMHE&L1!HIt9HD$(HL$HLLHH@AMIEHxLH|$Hh1[]A\A]A^
A_IUHtHD$(H|$1H0xHtAE8,Ld$0Ll$@I Il$HyMfDt?HpuHPH5$
HjHVuI|$Ht.Ou'HGHthH5
ID$M}M9TILl$|D$ AEL$ Ll$9HcHI\HHD$H@HYHH HD$xL8IoHHD$XHD$IAI 1 fDI9-
IH;hIuI<$HLyI<$LkuL;d$H|$XBDHE1HpHHHD$(HL$HH|$HHH@HCPHHIm(HyfHHtHPH5
HjH<LhLl$2HD$AD;h}
IoHL;dJHDH|$8AHXH\$XR)HL$1HcAHHL`"H|$86H=H|$89|1(HD$H@
HLHH|$89H|$8HHIHIuMtI$1LHI$HL$1HHRHPIT$IHD$H@ HZHL$HHA
CAuHTDHDHHL$Ht0HHL8D$DHh[]A\A]A^A_#HHI$'HL$La,IoHHDXHDHh[]A\A]A^A_DAUDHDDD
2HD$AHqAHx
IcH9DLHA H
HcH9L-HL$HHA6H5
HAH
A"eHD$HHxKFfDHH\H AO+AO+H|$8H\$XA@HD$H(T$D|$D=AHD$D|$DA@H3H5Q4@USHHHHH
Hc)HqHxHc9HN)DH[]DATUHcSIHH{+EA8${HH@A4H:L5uH9uHcA<u@|
u9JIt$Hc@|u!H|
uu[]A\9|OHcAt
1t|w"t=u"A/?tCtu[]A\Af@u!8u[A]A\fDAA1:fDAAAATUSH HH.t;1EtrHEHH []A\HCHwX1HH1)
Hc"EuHUwLd$1L1)HcHEH@,)WHSR1HH1)HcHCH@)Ld$1HL)DH []A\fLd$1L1)
Hc(fDLBH1E09D7rHrHcHH9LBH1E09D7rHrHcHHxHzLd$1D79E4rHrHcHcH7HzLd$1D79E4rHrHcukHcH@)
@
tHcH)@ tHcHJ)A tHc:H)A tHc:Hfff.ATUSH HH.t31EtjHEHH
[]A\HCHw1HH1)Hc,EuDHUw=Ld$1L1)HcHEH@,)af.HSR1HH1)HcHCH@)Ld$1HL)DH
[]A\fLd$1L1)Hc(fDHrHIH1t
1A0tD1fE0Ht1A0HBtHc2) D7Hc
HHrHIH:1t
1A0tD1fE0Ht1A0HBtHc2) D7Hc
HHrLd$LH(1t 17tD1fD7Ht17HBtHc2)A D4Hc:HHrLd$LH1t 17tD1fD7Ht17HBtHc2)A
D4Hc:HZA1AAND9NrLHA1AAND9NrLHA1AL>D9M<rI<HfA1AL>D9M<rI<HfAWAVE1AUATIUSILE1HH
D$pT$$HDHHDHDPHD$vA9'DDLmHt~HhHMx9\$$|yLcT$$HD$1)J<HcHm]xJ9\$$|DLcT$$HD$)J<HcwH
Hxt$$9}fDH[]A\A]A^A_H|$)HcHcLOH1LZT$$xHD$H<H<Hcl$$H\$`LJD9DLFHLHI
DED9D$$EMc0T$$HD$1LL$(D)J<HcLL$(IIDD9D$$rEiEMc=T$$J<D)HcmHt$HH5Ht$H|$HALOA9@HAHLD
$0HL$(HHD$8HL$(LD$0HAsH|$LK)1LL$(T$0B
LHHt$8H|$H|HDLL(L$0B8DHqH|$LHL$0LD$(EHL$0LD$(HAH)HL$B
D)1AHHxt$$9|L\$Hc)HcH|$(Ht$0MIHL1D$$xH|$(HT$0H;HqH|LDD@LL$8HL$0LT$([HL$0LT$(LL$8DD$
@HA)HL$B DkHAHLLD$@HL$8HHD$HHL$8LD$@HAtdH|$(L\$)HT$0A1LOALDT$@AG
LL$8HT$(Ht$HHLL$8L$@BHT$01LHT$(Ht$HH_f.H1LcHt$8H|$H1@HqLHDD$8HL$0LL$(
HL$0LL$(DD$8HA)BDqHuH|$LLD$(HELD$()HL$BDAWAVAUATIUSHH(9~SHAH]
L-
L=F IfDHELIOH1LLf@;]|HUH5
L1I@H([]A\A]A^A_D1}H([]A\A]A^A_fD1wHcL|$AM7)t19A0rL$T$H5
DLDDL1?@HcL|$XH)LH~|$8|$-|$|$|$|$|$|$|$|$|$|$|$|$|$H5E LH5E
LH([]A\A]A^A_fHHTHNHH)19H9rfDHIMH1@t
A @tDfE H@tA HET)IL7D EA D!AE%DLI1E 9ErHE)IL7uT

zfTf.A1AAN D9OrMH(DfD
MoDpA
AN1DAADH
AC H5:
L 1<CH9}9D$~\LcLKT/K/H)DxHMcHH
:
H5
L)LHB8C 1`<H9uAAD$,D$D$
DDDDT}HAVAUAHATUSAH/AIIHtw~HGL0Axp9|l1HcDL1)Hc=HCHXA9|>x:1HcFDL)HcfDHoEx9}1[]A
\A]A^1HcuODL1)HcH[A9|x1HcDL)HcDHuL\IHEtHcU)A DHc}HtIvLIIFtIc)A
DIc>HHsLHCtHc)ADHc;H.HsLHCtHc)ADHc;HH
4@H4T@H=4t@H5y4@H
4t@H4@H=44@H54D@AVAUIATUISI1MI}AEHkLItyIU)HBHHHB~%HRHc D*IU)HH
BM,$[]A\A]A^DHHIEkL[1]A\A]A^AWAVIAUATIUSIHI1MA$HHID$H84HyQLcMAK,}HcIl}|HcIl}_HcIl}}B
HcIl}`%HcIl}CHcIl}&HcIl} HcIl} HcIl}
HcIl}t{HcIl}tbHcIl}
tIHcIl}gt0HcIl}NtA?L7H91LLLLLIt$MAHHBHHHB\H~LID$LHIAHHIADEHD<_D!9u)HH
IAM&H[]A\A]A^A_H91LCt5It$HHBHHHBH~1LLH1[]A\A]A^A_H9LLDLDtIt$H>HGHHHGDUIDbfDu)HL
HGKl}JHcIl}x-HcIl}[HcIl}>HcIl}!HcIl}HcIl}HcIl}HcIl} bHcIl}
EHcIl}s(HcIl}VHcIl}9
HcIl}HcIl}A}LfDHDHLHHILHLHL$HHAjIL$f.ID$HPHBHHHBffDfDH
q44@Ha4@H=Q4@H5A4@H
4@H4@H=4@AVAUATUISAHHd$
@ttAD1Lt$
fDL9}ALHHD9(uHxIcLuHH[]A\A]A^f[HHt0HxtdH}HtCHt$
D&ItHLuH1IHH[]A\A]A^fKHHHEuDHHEu1Ht
HHtHJHt:~
fAWAVAUATIUS1LHHLDU9DLNHIAT$H

H5
H10I8~JH@P3ATBbH5
H3xIFH5>
H
xIFE1H@H$HsA9H<$DnT$H

H5k
IH1O/A$IGHxF1DHAt5H5a
H~wIGHHxDHH1[]A\A]A^A_H5
H1wL9VH[]A\A]A^A_f.T$H
9
H5
AH1q.Z@T$H

H5
H1L.5H5E
HvAH<$IO1*1DH%IGH5
HAH@)1-H<$Afu<H56
H

v@uH5J
HuH5`
H1_-f.H5!
Hu|@H5
Hud@H5
HuL@H5
Hiu4@H5
HQufff.USHHtCHXHHt7HStu5HtH[]@HufHHCu-H1[]@HtH[]fH]f.AVAUAATUISDHFH
HH@HL`MxHHH}EHDsLDIAD|HU)HBHHHB~&HRMcB D2HU)HH
BHLH[]A\A]A^KHHHESH1H[]A\A]A^HxuTHItAt.AuH5HHEL`fDH5HHEL`fDHD$$D$mff.AVAUMATUISH
wHHH@H~L`Mtyt1@LLH|LtHt$Lt{H []A\A]A^1H
[]A\A]A^HxuHIttWuH5HHEL`NLLvfDH|$D$D$@H5YHqHEL`fffff.St:u%HtHtHtD9?v'1[f.fHHHtf.HAWAVIAU
ATUS1H@L`9~iL\HLOHMHLc!(HpHyHcA9INLuA9xH[]A\A]A^A_x1f.HD(Lt$0LHD$9D$(t$(H|$0HHbDT$l
DThDTdDT$`ET$\ET$XDT$TD T$PD
TLDTHDTDDT@HED
T$,DT$<DT$8DD$HzHCHmZLxLLFHLlpL$1HD$L9GLLILHTLLHD$
LHTLH|$ HLLHt$HLHt$HLpt$,QHcH4L$8(HcHt$<HcH|$@HcHL$DHcHt$HHcHg|$L[HcH>L$P2HcHt$T
HcHL$XHcH|$\HcHt$`HcHuuL$dxmHcHuTt$hxLHcHu3|$lx+HcHu|uH|$HL0A>T$Ht$L}1fDLpLHt^8uYD|$L
$H\$pHLHDHLHjDLHTfD$(H|$0nDlDhDdD`D$\D$XDTDPDLDHDDD@D$,D$<D$8D$5fff.AWA
VAUATIUSH(HHt$IE11LMK1A)AILAU8D$H5LnL&HIH|$A9,H|$DH
 HDu7M1A)EILAU8D$H HiH51fH@8LX9}rLZH HI8H :HHuIG8uM>1A.EILAU8D$H|$AA9H H1MuH 9H
HPuHLnx1A.EILAU8D$u9H
7
AA"=AfD$E1LD$H([]A\A]A^A_f.IG0LHLHLt1IGHpHAHHxt^H9tYHHLtHLuAM1A.EILAU8D$8DHLkfD
1L9,LH@8L9|fH59L!LHID$H
AA"M{ifDH1L HD$MVA1fDMtq1A.EILAU8D$.H 9H HP
uHLxD$DAWAVIAUATE1USHH$HHHDHHD$
ALtA9DLpHH@uHHUHrHt$HDIHERDT$\DT$XDT$TDTPDTLDT$HD T$DD
T$@DT$<DT$8D
T$4DT$0DT$,DT$(DD$L$1\$`Dt$dL|$hH|$9L|$DuLLDHLHHHtILHT$ LLH4$H|$LHt$
LLH<$LLyt$(gHcH7|$,+HcHt$0HcHL$4HcH|$8HcHt$<HcHjL$@^HcHA|$D5HcHt$HHcH|$LHcHL$PHcHt$TH
cHuxL$XxpHcHuW|$\xOHcHu6t$`x.HcHu|$u$fDH<$LLt
DDH|THt$
MH|xHtT1H[]A\A]A^A_H5LLLD$0AD$\D$XHD$TDPDLDHDDD$@D$<D$8D$4D$,D$(DDLHT$
Ht$= HT$xH|$H|$DHLgfH\$Dt$dL|$hHIpHNH8Hl$
HLHHH=yLHH'cjf.AWAVH=5AUATUSHhH$BHIH<$HD$8E1L|$HD$
 A9H<$DHxH5
HcH
AAHD$H}H5H
1,5IMH=
LufH|$HDF>H5
LhH<$AA9BL|$L%E1Ht$LHcL t 1f.H t txHAHD$@|$LHHD$(T$2D9T$a-/ L|$A
H

t"HuHULEL

H

H5
1RXZH5
LgH5M4LE1*HhL[]A\A]A^A_H}H5
`H
AAHDHL(H|$FHDH5
Lf f.LcdHt
ML&HT$8I9I:@HL$(H|$AHDuL|$AFHcT$IL t u,1fDH4 t
tDd$AIcT$LHtHLHT$&D;D$HHTLA<LdPHLLL$9H|$(ALHEHL$(H|$MHDdL|$AO@H}H5
H
AAHD$H}Ht$ 1HT$8D$4
t uHJfD1HH t t=HzH|$8::?B t uHBDHH t tH5
H|$8H\$40IfL|$AH
1/H}H5
}RH
AAHD$L|$AH
V
A"b}L|HT8H
,
A"E1/HuLEHUH
?
H5?
L
)
1oY^L|$L|$AH
H
AA"L|$ArL|$AbL|$AH
]
RL|$A6L|$AL|$AH
!
sHtSUSH1HfDHH@tH9|H1[]@H[]@1DHt;H9t6Ht)AVAUATUHSH~t*[1]A\A]A^1Df.HHuH5HE1|DHEHHI'H-
HItH]t1IFHpIEHHxtH9tHK>AHA9s[]A\A]A^DUSHHHHtKtBH{8t;HHt/Hg~#H{8tHHH[]1fH1[]ffff.HtcHt>ATU
ASHHt<Et+H~+HH1[]A\>fD1DHt[1]A\DH54q@H54q@HH?}AVAUH
6w
ATUHSH5
1HHAH`8H;HFDH
v
H5
ID1H"HILGML
H
=
H5F
1MLHH{tMH
rv
H57
1DHHsH&%~rH5*#
1H~]DH{tNH
v
H5

1DHQ~-HsH$~H5"
1H,f1H[]A\A]A^HxHm1L
u
LMfffff.AWAVAUATAUSIHH>Ht$ twH
[u
H5U
1DL
H
8u
H5J
1DLp
HD$ LH0H5!
1L?
oHD$0D$HD$(HD$ Hx9DgHD
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t
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IA1DL\$ I>trH
pt
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1DL H
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H5
1DL I6LH5!
1LY I~HtDLmDLtHD$Hx
9DHDD|$HxDAH
s
H5X
HE1DLD|$H{tPH
ns
H5
1DLHsL""H5"
1LyH;HtAULH{H{H
r
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1DL$T1Ld$L|$(DfDHL
F
H
r
MPAWH|$(H5:
D1ZYH{9 H{HIB?ILLBMsH(r
IPIAWLvH

r
H5r
1DLE~y1L=q
-fDLL ~YH5
1L~DH{9H{H5

IL1DLH[]A\A]A^A_Ld$~ffffff.H
14tU@H!4f@H=44y@H54Dk@H
A44U@H14e@H=!4x@H
I4U@H94e@H=)4x@H
4T@H4te@H=4x@H54j@Hfff.USHHHH?H+H[]fHGff.USHHHHHkH[]HGff.USHHHH[HkH[]Hfff.USHHHH?lH+H[]fHGff.USHHHHH5a4DHkH[]fHfff.USHHHH?lH+H[]fHGff.USHHHHHkH[]HGff.USHHHHH54HkH[]fHGff.USHHHH [Hk
H[]Hfff.USHHHH?\H+H[]fHGff.USHHHHH5Y4HkH[]fHGff.USHHHHH5Q4HkH[]fHGff.USHHHHHkH[]AWAVL=
AUATE1USH1E1L5HHt$-fHpAHtLAAH9}qHL@LLtH=
LHpAHtLAAHD$HHXHtQE1EEASE1HHP1HkL{L3iD8u{H[]A\A]A^A_H
1
A^xw"HDHDH5* 1HP1HH[]A\A]A^A_f.H

Ahyw"1-H0HXHI=HEMI6H-KHHD*HHhHIHHrAMlRHyBE1AXPH
At{w"1=HHtH!sHIE1H
AAw"H1LgL~LpL(WH
D
A~zw"E11E11E11E1f.USHHHHT$Ht7Hc0Hx"HT$H=HHH5
.HSHsHtHT$1HD$HCHt7Hc0Hx"HT$H=
HHMH5n
5HRHD$H[]H
Q4M@HA44^@H=14Tq@H5!4dcAVAUATUSH >HT$wWH
HcHDH~H\$ HH5HT$H=
H}DHD$H
[]A\A]A^HFL`LD$ ALlHB
Hl$ L1L5,
I\$If
LHH
H!%tDHJHD@:HLHfKL1f
LHL9uHT$H=
Hd1DHVH\$ H:HT$H=
H&1HT$H5
H=R
1~fHFHT$H=
HpO1MHFHT$H=
Hpw1HT$H5/
H=
h1fHT$H5
H=
81fHFHT$H=
Hp1HT$H5
H=^
`1^fADHl HA$H
HPEL$1ED$ZY
fAUATIUSIH1H'fLHHLeHL9|HtHH[]A\A]H[]A\A]>AUATHt
USHHHHcHDHFHXH5
1FH[]A\A]fDH5

1"HsHH[]A\A]fDH5
1H[]A\A]fHFH5)
HP1H[]A\A]f.HFH5
HP1H[]A\A]f.H5
1rH[]A\A]fH5
1RHsH1EH[]A\A]H5Z
1H[]A\A]f.HFH5Y
HP1H[]A\A]f.f.H5
LkL%9
11LHHfL9uH5
H@&@KH5
DKDC1I@AWAVAUATUSHMHIIMHH

HcH1Lf8HAH

wHC+2;LCrHI2_HHCHxHSILHTWHTHHBtYM)H
LIc-?HIt7Ls1H7H5b
1LIKHCH8M@H
9
A"TDHIHCtLqLL2H
AA"M1HH[]A\A]A^A_@tHILL5HHLHDHLALHL$ttHL$LH5H
=
A"UfDELHCHH
Av"H5L1fDH
A"wfDL$F]HHDL$3H
n
AA"4HC7f.H1\cL{HL4+Lf.1s1L4f.H

AA"H5
L1Lr1L74NfH
A|"1MAWAVAUATUSHLyHYM1IH5w
HHIEu*HEM[LLH]A\A]A^A_H5
HtH5
HtH5D
HitH50
HQwH5
H5[H5
HBH
X
uu"AH5H1xH1[]A\A]A^A_H

A|u"ffff.HE1HH1mffff.AWAVIAUATUSHHH<$H`w1AuHI1E8w@H<$LHHIHLqD9DLwHxH5
IuIwHtH=C
uH}tH}HUL$xH}"HL$HL$dHIHUvLD$kDL~)LL$2vLHpL$9L$uLqDH
1
A{"H5h4LE1UuHL[]A\A]A^A_H
A~{"H

AA{"H
AA"i1qxffff.AWAVAUATUSH(H|$HH4$HT$u1AD$|sHI1EL-xs
pgDH}Lu$HuHtH={ DH4$H|$HH1HL_o;\$H|$vtHxLHGwHuHjH= A
OH$H8tHxH0C\$IYDL?HFHHH:VHI)HXHLn,0L-
?y\$;\$H(L[]A\A]A^A_@H$H8HxHxHA\$xfDH>HHEHDHI$?HAcMUHHLxHLmqD0HA>Av
H

AaAz"IE1LqUL~H54LE1qfH
y
AaAz"1=H%ULM~H
A
AM}z"E1E1s@HxHtDH
AM}z"1E1xDHxHtHEf.H
AhAz"MlE1@H
y
AhAz"H<E1H
M
A!A"1lqAWAVIAUATHUSIIHp1A5oHHt`1EE@HHrkD9t.LpLHLHuH54H1oHH[]A\A]A^A_H
AAv"L1kUSHHH.HuH{uEtH6H[]aH?u}tH[]GH68tH[]DHEHpHCHxH[]
ffff.AWAVIAUATIUS1DjHI|$lo9I|$hoHHE1H0tHIH
T
H5
IDL1H5
YL=HE1Hp'HHtGH5zHL1H5
]H=I|$n9>1H[]A\A]A^A_Hu1HHtH
*T
H5
IDL1_H5X
SH+=fAUATIUSIHHHtaL
H
S
H5Q1Lt1H[]A\A]UH
S
H5S
L1Md$MtL?
H
\S
H51LA$tMuLL1{HLuH[]A\A]UH
R
H5
L1%,H'H9AWAVAUATE1USE1HHHHHlA9DHlHtzukH@HLxHL$HlA9}NDHlHt>tXu3H@L0HxLx4Ht$LAgf
H1[]A\A]A^A_AfLpLH@HD$IdH[]A\A]A^A_@f.AWAVIAUATE1US11HZfDH<$HHH^LH[HILHI~SkI~94JkI
~I<kMAUIMHQL9H$HH@L(H@HD$LL8ylH4$L(\Ht$LKH%xHHfH

A1A"1}1LuHH[]A\A]A^A_DM}L<$$LhLl$?fjI~p
jHt8uH@1HpH8N~@H
!43@H4dD@H=4W@H54I@H
43@H4$D@H=4DW@H54TI@AWAVIAUATUS11H8HiHD$I

iI9iIIED$iMIyAeIFHH@HL$
HD$MGAE2IEL H@HD$(H|$ L
Ht$H|$ Ht$(LH|$LTHH|$HVHH
Ht$HHHD$HLRubE&EAuIFHxrIFHT$(HPAEuIEH@L-It$`llJE1H|$#rHH8D[]A\A]A^A_ftHHH
1|
AA"E1$}fIFHD$ HD$-DMeLd$(Hf.H5{
5Ht5HT$ HL$(HHHAIFAEIEH
{
AA"|f.KfIpOfHt8tvAAE1IfALE1)AfDH
z
At"E1{RH@E1HpH87jffffff.H
4/@H4$@@H=4DS@H54TE@H
4D/@H4?@H=4S@H5q4E@Ht[USHt)u<HGH_HtH[]fDHH[HHHuH1[]1DrHHEtHf.H'AUATUSHHGLgHHHHI
HfHIEt8H8nIEHxHnIEHhI$LHx^LmH1[]A\A]HIHHHf6HII$t*H=scIEI$Hxt9@1H[]A\A]HXd1DHUSHHH/Ht6Et
/t
1H[]H}ctH+tH[Ht/t)uH{btHDH[]@fHUSHHH/HtVEtOt*H
w
Aqt"yx1H[]H}GbtHtH[Ht/t)uH{btHDH[]@fAWAVIAUATUS1H8HD$(HL$(HHHLLa9LaHxH56v
HcAL}H=p
LH5LWHcI<7@< t F1@H4 t tHcA<-PLcK</7 t u 1H4 t tLcK</H5)THLVTHLHcA<GH5u
LEHL^HIHL1HK4/1HD$(H5Hu
LMH/H|$(HQHHHyHT$(H<$HDm?HD$(L_99H<$ 1H}H5ct
AA%DH<$DluH
t
A"wuHuHULEL
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11XZH<$H|$(iHiHHH8[]A\A]A^A_DHt$H[tP11AOH
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tHW1Ht
1Ht3H9t.Ht!USHHHt1H[]1DfHuHHpHEHx0tHCHpHEHxffff.AWAVIAUATUSHHHO\BI~87IH'H\I~81H\L(HM
GLGQH)1IILAV8A I$H05LhD$ID$H0H@D$H$AH[A9DH[HH(H(H8su-
1A)EILAV8AOH(H0HL>)H@H8,AHD[A9\H(HH0Ht9>u41A.EILAV8AH(H@HtO8uJEILA.IF8H[]A\A]A^A_1f.

AE1HD[]A\A]A^A_MuH<uHE1@1A.EILAV8AE1AM1A.EILAV8AtH(H0HD$E1hH<$s1A.EILAV8AcH(H@HDHDHbD$E1!AL$t_LnDTtwH@DHD$E1D$H$>E1H~LD$tBH(H08+H$HxH4$D$tIH(H@d1A.EILAV8A
H(1A.EILAV8ADHlHaAWAVAUATAUSHHHWME\HW4Ht$HEH[aHL`D$HEH$ELhE11HE1LW9}pHNWHIH(HI(HHtr9HHH9HV9|MtKI(HHHt:t.H@H8fD1Mt1H[]A\A]A^A_HMuMuhE1E1D$E1D$E1AE1|$t)HD$LaEt-H@E1LhHyLJI(HyL-I(USHH=zl
H6H\$HT$HHuH=j
H HD$H[]ffff.H
}4D@H|4/@H=|4C@H5|45@AUATL-Bj
USH1HHIu+~Au7~u1LHtGHT9}CHTHp>CtLu/It$HuLE1SHL[]A\A]DH
i
AKjf"HD$ZjHL
mc
H
nc
HD$H5ic
pHL@1XZH
Ci
A?Af"jiATUHSHH_`HT$Ld$H{t3Hu"HH{uHD$H[]A\fH{1LHH{uHD$H[]A\fAWAVAUATIUS1HH|$c^HH$MfDLS9LSIHD$Lx`MwMtiI\$&f.HL5QtIMwMt<IHQuA7H<$Itl@H
g
AVoe"hHAtIMD$L
a
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a
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1H|$j]XZH$H$H[]A\A]A^A_H
~g
AMAe"hH<$#]H$H
Jg
ACAe"gAWAVIAUAT1USHAMHH$
HIQLLHD$CcHHHt$HZ_HHHl_HlHtj[HHHhH$DHL11ILHb[H5g
H HL[]A\A]A^A_@H
g
ttA"fH5L1E111HLH6DH
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AAt"E1Tf=H
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stA'"fHH5k{cff.+dff.cff.dff.AWAVAUATUSHjIIAMe;HHHxHA<$@LKIMLGOLLHSHA<$@ItH5z4LNM)HSH$H\1LS(H5e
HcIHHPHDHt$LS(+YHI/H$H$1E<$LDID$HHLXHsLHgSHH[]A\A]A^A_fIt$LaIMH
@e
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H5HM1A<$@u(1@H@8HLLHIH5~4L1?MFf.HLE(Af.E1H
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 HuoH
fH;ouHAAHw:HLIDLHI[L]A\A]A^@E1H=b
HuRHA
fDH;uMDDHH[]A\A]A^oE1SHOH=Ub
H1HA@H
a
A/"`H
H5uIH1'[L]A\A]A^ff.AVAUIATUHSHAHt@HH=a
 HuWH
fH;uHA@Hw"IDD[HL]A\A]A^;E1H=/a
HuZHA
fDH;GuDKIDDHH[]A\A]A^E1cH_H=`
HAHAfff.AVAUIATUASH4HHPHH$H1LP(H5_
HcIHH$t~HD$Ht$LS()SHHtaH$H$1D#HDHCHHt9HRHH[]A\A]A^HL
#AyfD1H
W_
AA"1K^H<$H50_
HRHH[]A\A]A^fDH
_
A"1]QAWAVAUATUS1H(Ht$HH|$H$:[HIu6DH<$tH<$HHH7LdG9LbGLt$HHHPH|$LHHthA>uH$HL
 HD$H'DLuDILLo7Ht$LAy@HH7H(1[]A\A]A^A_H([]A\A]A^A_fff.HAhHHEff.HA8HHEff.SH
HHD$t=HHL$`t&Ht$H/H5u4H|$DEDH [1)H [HH0HtH@(HtHHtH
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HAu"[1H@HH0HtH@(HtH@HtH
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HA"{[1H@HtHG(H@HtH0fffff.HtHG(H@HtH0fffff.H4Hw0HG(HwHWLG
HODfff.AUATIUSHIHH(HHTLLHH^H([]A\A]AUATIUSHAHH(HHTLDHHH([]A\A]H4Hw0HG(AUATIUSHI
HH(HH_TLLHHnH([]A\A]AUATIUSHIHH(HHTLLHHNH([]A\A]AUATIUSHIHH(HHSLLHH.H([]A\A]AWAV
AUATIUSI1LHDFC9fDL>CH8H==}$H
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LL@1:uDAWAVDyAUATIUSHA1H\LAH
&
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IDH1I4$H\H5t H=It$HtDH8L@9|H[]A\A]A^A_DH51h4t @H
o4d
@Ho4@H=o4$.@H5o44 @H
g4$
@Hg4@H=g4-@H
Qj4 @HAj4@H=1j4-@H5!j4@H
ap4 @HQp4T@H=Ap4t-@H51p4@H
)h4t @Hh4@H= h44-@AWAVHAUATUSHXHt$(%HHHD$8%?HD$Da
\$D1=HHD$Hu

HFo4D$@D$HD$ `8@1HMHH HHD$R H|$HH(Hn9DD;DDt_tH|$8y>HxHH@HH=#V
H_DD@D$;D$DuHt$ H|$8=@H|$(HpRHHDHHDD$(H{1EHHT$HD$H|$=9DctH|$=HPH=UU
HHtH5; H=HD$HxuPHHt^HD$HHx7tIHHEM'IHIHEt!H[H2HLRT&H
U
AA"RfH|HtH|$(gHt$ H|$8<H5c4H|$H;HDHHDHHX[]A\A]A^A_f.H{H5)T
Hs>@H|$(HkHIHHHD$0@HHJ.HHHT0HBNfDH$HH|$@L 1AD$H1HLRL`;9L^;HPH=BS

LhIHLH=A
HTH= S
HH$L M:LHIVH:FMd$>L:Hp1[HIHLT5La:9|Ht$ L9:L/HtVL)ItKH=
\H=^LfDRIH$MLptL/LL1Q>H
rR
AnA"OH|$0H|$(LI@AD$fH=
LR(RIH$MLpkEEEl$I8fDH
Q
MA"NHt$ LW8BfLMHrCAH
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AfD3HIMnH$LL
 dHIH
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MAT"dNHAtMDI$H
qG
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H5jG
1lHt$0L7Y^}DHAH$I^H:f.fD+7HL$HAxD
H=WH$HHtHxH8H|$(L@HD$HxHtHt$0(2q6HHD$HxHD$H8Ht$H|$(Ht$H|$H1mH|$iAH
O
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u#HHxV,H@H@f.AWAVIAUATHUS1HHtI?It'1H5b4L&2H[]A\A]A^A_DE1DLp2A9DLl2M7HhMtXH+3HH{t
H{H0u3LwgH{\AD#=HIIu<4fH5a`4@AWAVAAUATIUSHH8L.MtWA]IEL
N
DAH5J
DHLH$1{HH1IH5 HA\$~H

H5VJ
DH16E\$E~H

H5LJ
DH1ET$E~H

H5@J
DH1Ml$MH

HENL J
H5+J
DQH1AHK*3AXAYHsHE1HH{t&3LLwtEuH5`
HfE7H5 HA|$~H

H59K
DH1$I<$H8[]A\A]A^A_DH

H5H
DH1E~MmEH

H5H
DH1L/HHH5= HL~/9|+DAtZALMAT$@I|$4AD$'H

H5H
DH1%H5H
Hfff.AWAVHAUATE1USHHXHD$ HtLHD$.A9H5X H!H|$D.L8IMt\A/IGL
7
H5yG

HLHD$ D$D@1`Ht$H1,H5 HIl$HH

HLG
H5G
HAQD$$L5'3DH1XZIvHE1QII~t&A6HttEuH5
H#EWH5? HI|DtH
4
H5F
H11DE~fMd$IH

H5YF
DH1=L0-HHH5 HL,9|H|$A,A93HX[]A\A]A^A_Dt$H

H5E
H1DAMHfDH
U
H5E
DH1L,HHH5
 HLN,9|DH5E
Hfff.H
Y4@HY4@H=Y4@H5Y4@H
qZ4@HaZ4t@H=QZ4@AWAVAUATIUSH8H|$(HHT$+1D$$)HHDWGD
 H|$(HLHHwHHHH&SHHwH|$H%HHEXHXD$ D$;D$$t$ H|$*HxZHpLHHFHI"1bDH=D

HH=1D
H4H=C

HFH*9H*HPH==D
IHdMvA>@^LxHHbH1LHL$A>@IHL$nH5Y4H)E1MI<sHIMmLx(fD"HIIvLHIHLoLLD$M7LIN"D$JL(:L(p
L(@LE1I<$.H
C
An">H5\4L(H5Z4L'LHL411HXHH5X4H|$'HD$HD$H8[]A\A]A^A_fIvI|$2LpMvA>@LvIM1LLA>@HD$H5W4
L#'HDHIDZIvLHHH
B
A7"E1\=E1@HLHLH|$L!%IvLTIM*H
B
A7"<ID$RfLLHD$
E11H
A
AA"<H
A
Af"E1d<H
pA
AV"><11H
O4@HO4@H=O4@H5O4@H
M4@HM4d@H=L4@H5L4@AWAVAUATUSHHHt$HIY1fH=?

HH=>

HrH=>
HH=>
HH=>
HH=>
HI|LfH9H$IH@H=>
MuHA>@L'sIMHt$1L<A>@IH5`T4L#E1MI<$HI$M>Lx/HIIuH|$HIWHLH|$LAMM/LIELJ#L:#pL?#HlE1I<$-H
G>
An"9H5V4Lv"H5'U4Lg"LE1,HL[]A\A]A^A_f.It$LofLhIt$LofH|$IvIMH
w=
A7"E1B8(DH|$LfDIt$Lo[fDIt$Ln;fDE1H
<
Af"E17H
<
Aj"7HAuIUMEL
0
H
0
H50
1UXZ_H
g<
AV"579H
A<
AA"7f.Ht?tAUATUSHHLgHHHC1HtX1A.L H{1DHxt4Li
9|H{1x6H[]A\A]fDH{DHCDDH{wHC1USHHHH|HS`HzHt$Hc
H9u5DHc
H9t(HHzHuHHH[]Zif.HH5:
2[]yAVAUHATUISm1AHH1E1f1Ht=HHD9L#HxIHuHx1HuH5R4H1vH
:
A`ng"4HAvIMFL
-
H
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H5-
1%SXZ[H]A\A]A^H
8:
ARAg"41/ffff.AUATUSH1HhHTLdLl$*H3PHLLL1eH9|HD$Hh[]A\A]f.H
M4@HM4t@H=M4@H5yM4H
9Q4@H)Q44@H
AQ4t@H1Q4@H=!Q44@H5Q4D@H
1G44@H!G4@H=G4
@H5G4@H=P4
@H5P4@H
J4@HJ4t@H=J4
@H5J4@HH5E4H=I4kf.HtCHt>USHHHH6H?tH[]@HuH{H[]DfHt[HtV;uPwKH7
HvHHcHk6KCf.wL7
HWIcLD7ffff.HtwH7
HcHHG1AUATIUSHIHH1Ht"H{u)L+LcH1HaH[]A\A]1u$Ht
HGHHHtHOHIH

USHHtM>tGHH57
Hc"HHt5HcHsH^HcDHH[]@1HH[]@H
7
A#A"w0DUSHHtEHm&HHt]H=HH1tHH[]fH1F&@H
7
A1kd"1/H
6
A?Ad"/AWAVIAUATUSH1HxH|HTLl$
 fDLH|$HpHIHIH\IPLMHAI!%tH}DIOLDIM)ELH596
RMcLLL$HItlLL$LEH96
HL1LH}H55
VL}LL9H|$uWHuRHHfDLH
5
A^A"\.H|$u,Ht'H5H4H1HxH[]A\A]A^A_@1@H5 B4@H
A4@HA4@H=A4@AWAVAUATUSHHH|HHtH$1AHIHD$
E1EHD$fHL5Lm;LHHHH{L)HD$(HT$HEIHt$HL$E1HD$0HH}HA4
IcHH1H^HHH54
HAE9tSH<$DHHH%AyH
3
A",H5A4LE1HHL[]A\A]A^A_H
3
A"?,DAH
Y3
Aw",H5kH1iJH5"3
H\H
 3
ArA"+Hf.H
 E4@HD4$@H=D4D@H5D4T@HH6HH_HH+DHH+DGu
H52
rffffff.HHH=4HtMtHf.H
A2
A!Ah"D$*D$HfH=IHt$HHH24Ht$uH
1
AAh"J*1tSHH\$H\$xm|$LH|$H5h4/WHtHH[fH=4Ht$HH=4H[H1[H'~HtHP1Hf?t;SHDHh;tHou[f[ff.USHHt|H50
_hHHoHoC@oC
 @ oC0@0oC@@@oCP@PHS`(HP`HH[]f.H
!0
A\fj"(H1[]fDH
/
A`Aj"O(H1[]fDHH=4H5H4Hff.USHHBHtUHH|HH,HHD$,HK1HcHt$HuS
H[]DH[]@1@AWAVIAUATIUSHHHHA|HDH%9}/H'HI{HD9uMAwAMtAH1[]A\A]A^A_DE11H9~1HHI<{
HA9uMuZMDMtMtLN{AHL[]A\A]A^A_uDH]A$Pf.MIA=ff.AWAVIAUATAUSLHAHHLD$uUDLDHIH]HNL
H
LH]H[]A\A]A^A_H?uALD$HtHuH1AuH
,
A-"D$[%D$H[]A\A]A^A_HLDDHHt@H}DHlH}HDH-(f.H
a,
A

"$1HHfD
HHH9]tH!
Lp@H}HSAWAVAAUATIUSHHHT$
~H
 H5;lIDH11L5n!
H8H5p H6L
9L
ID$H5&
H
K HP1I4$>uHFH5:+
HL`TTE1 tFH5
H1>afANH5HA5IC|1LHfIuH5 HKfH[]A\A]A^A_@ADALH5m*
A$HPAD$PADPADPEL$1ED$tH ff.ATIUI<$SHH
)*
HI|$H
*
H[]A\ffffff.AWAVE1AUATIUSH1L-@*
H(H}9H}L8A$A;HxBHx7AIcDLf.It$t It 9-Hc~MLFHAH2
pHfDA2"HH9u@AH}
9A$H}1L-3)

9f.H}
L0A$A;HxHxIcDL@ID$:HxHIx/x/H@:HHD$Hp+D$jIOHc1HI9.9HH1At>D9D8-DVDN AEPDCAp
ADBE8HH9ufDIGHpI|$H9~)HcH.t.u:18DHD@ ADIABDA AAB8A"@Mt$MAvAOIcW A;V
IvIADIWML$@LrIALL$HTLHD#H|$@IHIHT$LL$MM9t1Ht$LHD$L)H)H9"LyLD$
Mw1AAL8t?xp
 @yBq
@B8HHAAL8uHHuIt$H?5H([]A\A]A^A_@H(3[]A\A]A^A_@H(1[]A\A]A^A_@1L~W8HH%DID$:HxHIYx/Ox
/EH@:HHD$_H6+D$IvHcHv>.'9HHtG1A|DD82DWDO AEPDCAx ADBE8u\HH9u0fDM~Mt$AV;AGFIcW A;V
IvI(t@H}9<1JDIFHptI|$H9~)HcH.t.u18DHD@ ADIDCA
ABA8tHHuDIVML$@LrIALL$HTLHDH|$@IHIuMHT$LL$M9t1Ht$LHD$L)H)H9LLD$Mw1AAT8t@xp
@zCB @B@8HH6AAT8uufDI~t 9IHcHLFHA2%pHA2"HH9u1LA>.A9L|$)1HIAA80xp @zCB
@B@8WHHuoA>.A9IL|$)HI1AA8zr @yCQ @B@8HHu1L1L|FeD/H|$/'HxH|$m9wL|$HH)IH1A<@8DJDB
ADODCW ABA8&HH9u9Lt$HH)IH1A>98DHD@ ADJDCB
ABA8HH9uf.@fH|$/HH|$nd@uW@2H=,4@H5,4@H=Q/4@H5A/4@AWAVIAUATIUSHHHHIH@L|$1IHD$H
D$ HD$}fz Ll$H
HT$(H@HD$0JHHNHL$H8ALLHLI}HHL9LHPH=
 HOH=
HztzH LlHT(/HHIE\L|$H

AA"uLE1jHBHHL[]A\A]A^A_H

A"L|$1(fDL|$1~@L|$fL|$fDAVAUIATUHSH%HILAIEx(D)9~H[]A\A]A^DI}_I}ASIExD)9Dt9|L
I1)DHLHpH9|1VDILLLd/$0LvH~xHD$u3LLx0Lu<D5fDAWAVAUATUSHXH4Ll_IHD0HD$@D$4D$
HD$(HD$ HD$
LyLHLHWLttHA|LxtPC|>IGuLIuLHt|H5
UL5FHX[]A\A]A^A_DIDL@I9uSE1IMDL:A@vaw@ vX@_tRD)uH5
LD9}@-t'@.ur@.tz-t@-tADHI9uEtHH4$H|$\$0Lt$8zH5

LTtfD1AWAVIAUATIUSH HHGH= HutI<$QH

A^"MGIHL

AwH

H5
1(/AYAZH[]A\A]A^A_H=
Hu"H:AkH
s
jH= HzLe1MKIGH=
HH= H H=
HrH

A"IMGHL

AwH

H5
1-XZH}1HEHt$HxJHItHEH?
Hc0HxHt$HmHGHULHc:HBHT$HHUH5
LD$HRH
fDI1HI$uAdH

nDHLFuAqH
r
iHxGIc$I|$HD$HtH@
HHUIwHc:HBHHT$HHUD$HRH'HxH5
E1IHDAMHD$TfHt$LA~fHEH
0HxDHcIHEMHc8Ht$IcL`LHED0McDH@BLeL=MAH

A2%D3HIHEH

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AwH

H5
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AwH5
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1L*LY^NH5
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AH@HEH5t
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U
AH@uDAWAVHAUATUS1H8HtHDL|$(HD$ HD$(Lt$
CIHDH(Hx%H4$LLHsL9XLHpHH>@uH|$HHI1DL@9L;H4$LLHuH|$LH|$1,H|$ H|$(HD$ _1HD$(/H5
$4LPH8H[]A\A]A^A_fDH|$L{fDH

A" HsLCHH

H5
L

1'Y^1fH|$H=uH|$(RHHH@HTHHT(HDHD(HPHD$ HHD$ fHsHLCL

H

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'XZtAH

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A)"d7H
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A#">H
:
A/A"ATAUH
 SHHH5
1DHlHuHH\H5[H$H
a H5
DH1lHEHH0
H5" HHEH@Ht$L@MtH
 H5Z
DH1Jl[]A\H5
H1/lgH
4@H4@H=4@H54@H
4@Hy4d@H=i4@H5Y4USHH=1
HH6H\$HT$H=HuH=%
H<HD$H[]fff.H=4@H5y4$@AWAVAUATUSHHHIG1L%
L5
Lx5LLLH:>tFH9}WHL@LLuLH=uLE15HL[]A\A]A^A_I}uI}uH
C
AS"AH

ALj"HD$HL

% H
& HD$H5! pHL@1N#XZGH

A@A",USHHH5
H
< H1HziH}t;H5 HHuH?H}t;H59 HH}t
 H5P
HHuH?H[]DH
4@H4@H=4@H54AWAVAUATIUS1HHTLtLl$`L|$C@LHHPLzHUPLzLLL4L99|HD$H[]A\A]A^A_fffff.H5
4@H=4@AWAVHAUATUSHHT$1AIHI1EeHxHtl10IH1"HIHxHH(LpHL:D9H|$UHxIuH

ATn"E17HAwMGIH
G H5G L
1 11u Y^H{L{H544LE1QHL[]A\A]A^A_H

A\n"HAwIMGL
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AbA"OGH
{
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 H5
DL1eHYL- H5wzL1eH9~
LL1{eHqHPHHHHuHLfDH0L1L5 (DH5yL1eH5| LuH9}IH5
DLL1dHHPHtOHHHuHL+f[]A\A]A^HpLfDHpLXH5
Lfff.AWAVAAUATUSHHH(H|$HSIHLHD$HAYHHHMc1IHt$LHP HHIF0HHLHHtwH|$H
O H5d
ID1AE1~cH54LH5@
H;IvHHAVH(D[]A\A]A^A_DE1E1Ht$H0HHH|$DDx>AHHHt$Hv>HuH|$ADL/A0[fDE1H
AfH|$IcADAfIF@H1HLHItyANH|$DHA1_DH|$H
 H5q
D1AaiH|$H
X H5\
D1a:fDE11IFPHt#E1DHT$HLAE11E1E11DAWAVAUATEUSHHHHHHL0Ht"H
 H5=DDIH1A`E1$@H5xx HLAH<$A9H<$DEHt#H
G H5 1DH`HL5! OHHrH%PH H5
HID17`~kE}HT$HHD4H5
LDH_HOHH|yH[]A\A]A^A_@H1[]A\A]A^A_AVAUIATU1SAE1HtHHHcDL=HA[D]A\A]A^HH+D+ff.f.t1t?Hu
?HH!1HttfHH!1Htu4%@ =@ tu1ttfHt+GtSHuHH5Z
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fff.t\HH#1HtCuA%@ =@ t%u 1tffHteHH!1HtEuc%@ =@ t'u"1tffHH!Hft1tbHH#1Htzuz%@ =@ uY1tRtGf.t
 t1H H#HDDu1fff.t1tbHH#1Htzuz%@ =@ uY1tRtGf.t
t1HH#HDDu1fff.t1tIuNt1@t5HHH!HH H!HHH#1Htu:%@ =@ tDu1tt@1Dft\HH#1Htvun%@ =@ uO1tHt1?ut1t
@t
SH~HxHHI[Df.t1t?uFt1@t+HH#Hf.fHH#1Htu:%@ =@ tu1tt@ffffff.H=14HtH;H
f.x,HcH24HHHwH=41ffff.USH1HHx Hta9H[]ffffff.Gv-Hi4HtH8<$HHjx

H8fUSHHt]H[]f.H
1 Ab"H1[]fDAWAVAAUATMUSMHHL$;@I~H5 LvH5 IFLrvI~IF twHtrAFA.E~
HDA^IFHDPIF(H[]A\A]A^A_fHxH5= I~ H5(SAH
A"H1[]A\A]A^A_fDH5 0HIAtH5 L@yuH5 IFLauI~IF HAFH=34A.E~ HDHA^IFHDPIF(LAH
A"I~H5 I~ H5 H5 LH1[]A\A]A^A_DH=AHHHg4AVgfDAVffff.HH=-4H5H4Hfffff.HGff.HG
ff.Gfff.HwCHOD$t+H|$L{H5 HHDHHATIUSH>HHtI$HtCku-
HkHtLwHH,u`Hk1Hu1[]A\fDH8tH9|1DHXHtLHHt[]A\fffff.Xt@AUATUSHHHPwDAH01HHH.Hu@11WHHHH
xtoHt_>HfHn/XHPH[]A\A]HHHZ11HB
HHtAH}H=HH11SH Ht:HptV H 11~H HHD$6=U/=t=u
fDDHSt9}SHSH=@~==)=uH5 4Hy11GHHt$~HPD"DH11RH~11ZHHfHHHHHHqy11UH(HT$1HH
HHH11gE1HHKDHHEt Q %EHEHtE18tVHAA9}xHDHH@HuE@H}D8AH}^A9|HHH}eEb11"H1H
1#HD$H(SfDHHH}=HU=Yu
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?HUH|$H9fDiUHxVH}y@ATUASHOt*St#[DHHH]A\H@[]A\fDSHHH#1Ht=u9%@
=@ t5u1t[[[fATUISHHNLHSHHuTLUHMHHtLiuUItHH!H'D[]A\@HH!H
D[]A\[]A\SH`[SH@t[f.SHt[f.SHH[SHHHtH[1[@SHutH[fH[SHPutH[fH[HHc6HxlUSHHrHHt*Ht$H
kHHCt<HD$HH[]H
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HHXHHH-H}tlHEHL@(MHt$11HHl$fHc4$H|$HL$E1IHEOtzT$HH_HXH[]HLHXHH[]HEHtL@PifDAMH
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L@H5J IDL1F_IH01HH
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q3$@Ha3@H=Q3@H5A3@H
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HHtoI@LuMCLL8HH
A~"H1[]A\A]A^A_DH
Y Ak~"1H[]A\A]A^A_fDLx@]H
A~"\H1[]A\A]A^A_HItIL\H
AA~"LLHEH1[]A\A]A^A_fHItH810uE1LuL_I~LD`M'ffffff.ATUASH1HHtDHH[]A\HfH
Am}"[1]A\ATUHS1HHDLd)HHPHpLatH9|HD$H[]A\H1[]A\DAVAUAATUISHIHHtHH.u8H
A|A"?H[1]A\A]A^@DLHL[]A\A]A^ffffff.USH1HHt+HHH
HHrHH[]H
Q A"1ff.ATUISHHHt1HH-t"HLHHH[]A\@H
AA"1%HH[]A\AWAVAUATIUS1H(HIHDMHDDH5-m
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HIHD$8H9IHHtTLH,tEHL
~6L9}ZLHXIHEHX<@H
AA"H53LE1MH(L[]A\A]A^A_ALDA<DH
i Aw"HAwIMGL
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H5 1XZaH
AcA"/Mf.AWAVL5
AUATL-fk
USH1HHTLd4HHIK+Ht=HtOLL1BH9|HD$H[]A\A]A^A_LL1
fLff.H=2$@H524At_H9tGAA<.uEu6II)IDHHL9t<.uEt1@1H9uHttDt/f.

Av5A8uH9tEHDD
tD8tDHEPAvAwA @H9t1{1gDH5Q ffffff.H6H?eDAItTH9|tAAA<.uEu0HH)Hf.HHH9t#t
<.uEt11H9tH9uHHLHtff.AVAUATUSHHcZtHu$B91H[]A\A]A^IHc<7uHL$LLLDH5
1Hu$=wT$wLwtwHSK@sEhfDZEH[]A\A]A^FE1LtA M9t%IA|$AB]y fHD#DkEfDHt[SHHH5$ RH{H5 SH;H5
THH5 U[@fffff.ATUS*HHHHhH5 zHHItk;-Ht;H5j H[HHL\H5_ HL[]A\fH5m H[HsHL[E1H
A|A"H5 }H1H9t USIHHtGHFHM@tNA9@u(HHM@t+A<@HuHLH[]II)t`E@JlA8tDZAZAw/ v,D8uH9t-
HIEu1fDwA DHHEq@II)ttA@@AWAVIAUATIUSH8HHT$(HL$DD$v :.MD\$1E1LLL|$ E1AMUAESfDA_P
S<.+<-@fDIHM9t^<*uM9t 1{.H]A OE9 5IHHM9uDIL|$ MML1M)L)I}H7H9T$rjHsALT$(A
tP8t#DBDIA A8u"H97AHALufD1H8[]A\A]A^A_@t<LL)Hv0H5 HLTHLTHDfD L|$
|$L9l$wA_<.uKLH+T$LIII93A<.ut1@tAD$1L9l$MALD$(A7fD @vB8I9AHALw8tpy@v@] AN H|$vH|$(H5r
"HCH9Y1H9H8[]A\A]A^A_L9l$1Hl$HD$(H)H0HHtEVEID18tD@yAw0 @v18I9t)DHALu1p@d
HA.1H9CL$HCH9teHH9A<vB< v-t.t1Hl$H\$(EVH)HHx;*u;*ffffff.HAVAUIATUSHL2FH5 ,ESHIH,H5a
.HSHHH5A 0*HHMI}HHL`HhH
A;Ai"H5 H@H5 LAyH5 HBe[1]A\A]A^f.1H
A;Ai"1[MuI}IEoE1H1DsHIEt2HLcHHkHt[]A\A]A^fDH
A;Ai"lfff.uH5H5@ufDH5@USHHt}H1{$HHtCH;H~#~HHt&HNHH[]@#HHuH
AAy"11@USHHt}H1HHtCHH~#HHt&HHH[]@+#HHuH
AAx"1]1@USHHHHD$]HHD$r1<-u
CH<0uC<XH|$H<'H|$H<uW1H|$HHtHH[]@H
Ael"1HH[]SuOH|$1#H|$HvHtKHH[]HH|$H?$>f.H|$GfD+H
Adl"1HH[]fDH
Aml"fH
AAl"1HtVATUHSH1HI1Mt*HLHH5J LDDH[]A\@fffff.SHGHHH=IHt4H= HtYt&yu9HA[xtxEuxSuxtH=Ht*H=
HtNuxA[nuxtxouxtH
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BfH;@fu;iHHlH9u4DHH9t})uH9tE!HT$1HH5
Lm>}HD$H([]A\A]A^A_f.A$;@Hf.H}@u}HH\H9u2HH9t;ZuH9tCEAHT$1HMl$
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IA:H
lm"gH5h Lq#|H|$H53H(1[]A\A]A^A_H}@u}HLdI9u2II9tA<$XuI9tAD$EtaHT$HH*@ARH
mm"fADDAhDAaH
Y A)Am"7fATUISHHHcHLH=uA. []A\fff.H5D@AVAU1ATU1SzHHE11L5
Hu9HsH8I`=uID$8uL`A|uAIt$tHtMtuLuI|$LEHItHLjH5 LyLE1H`[L]A\A]A^E1H=#HItIt$mAWAVL=
AUATIUSIE1HD0LuL%vH-}xHuHptHtMLuH}LDHHtHL{H5 HxLE1HL[]A\A]A^A_f1H-
DL9}L8uL`A|uAIt$tHtMLSuI|$H,DHItHL uH5F
LxLE1F=H=tHI!HuH=LHIIt$[fDUS11HUHyHHHHH53HHHH[]ATUIS11UHHLHHHH53HIH53HL[]A\AWAV

AUATUSH8HH<LDHIHAHHIYIAHC<.ItDA>.DDHHNAHDMHD$uLtIH<$11UE11*HHu9`HF8u%LxIHtIc7t
AAH9|HEEtAtf.A
 E1H8D[]A\A]A^A_Hv:Lj1LL HAuAC<.I@1LHAuAA@ELLHD$A~H|$u!EHDlD@Ic7IH* AHLDHHD-
D$@H<$HHD$(H$fD
HAqHmqHuxHxttH<$H<yLcELLLH|$(HD$A~RH|$tJH|$(HV ,L$AHL$H|$(H55 -HsD$$H|$(H5 -
DDsDDEAAfffff.AWAVAUATUSH(HH<$rHIHAH{HIHIC|%DLED$H<$11UE11HHu'Hc0AtxaH9}iH8uH@
HxHuADHvLb1LL
HHEH([]A\A]A^A_DHEtAtDA tH(1[]A\A]A^A_fH<Lt}Hf.0HnxHnHuHxttHLvL|DDHcLLLH5 -
LqtH([]A\A]A^A_DD$LLH$$H([]A\A]A^A_DMD$LE
D1LHHDAD$mcffffff.HAUATIUSIHHHtw11HU1HHu7IfH8u!H@HxHttxtHHu9|H1H[]A\A]@H`IyD9uLL`uHtA
VAUATUISH:HH0HHl$H
|H1:HIHD$ D$(Dl$$\$ AD$(\EA9tEMcHLLK<41)HcHcLD)H)Jt5HcI|-HLHTLLLDH5
1Ht1H0[]A\A]A^TwLwt$w|$wAALAt$A|$ufoDAEtA9uExMcHLLK<41)HcA9I2fDHAVAUATUSHHILL
cMM11HU1HHtZH9}FH8u!H@HxHttxuA9t3Hu9|H1H[]A\A]A^f.LLuuHDATUHSHHHt>AnHHt.DHH0tHH[]A\
HHH1H[]A\f.AVAU/ATUISH
 7HH5 LHg8HHL)IHHLLc@tjHcLL,H5] AHlEtxD9usHItfB3LH1
0tH L[]A\A]A^fE1H5 HkLAH
E1[L]A\A]A^fD1E1HAVAUIATIUSL1Iw9LnHp1DEtHDH,}A:uuD@,te:t`Hu1A+uHHHHARADLmZYt?L9l[]A\
A]A^fDQtHqA[1]A\A]A^1H@
"bHt
HH=92H=
2HLDuDHfff.1H H DI1HGA1GenuAineIA ntelA AuthAentiA cAMDA ua=rSAA
AAr6LID8AArAAAfnAu2@uu%=pt=Pus AtwAA AAr21Arf~%=Pu_OAs 1%=tg?tA!?!GI DLL
fH1HsHtHHuHtHvHHHvHHuHuffffff.H1M1HtAHuLL_HL3L3^M
HEDHD2HvDHuHH?fffffffffEfEfEfEfEfEfEfEH1H1H1H1M1M1M1M1HD$fIHI1AAA:E
f1D)AAA:AMRHuLfff.IHIHL$1AAA:E
1D)AAA:AIt!1D)AD9AH)MuHD$H)fH1HtJIIr
Iu6HrLHHHtIDHHIHuM1H1HtJIIr
Iu6HrLHHHtIDHHIHuM1I11CentuaurHuDaulsu< Shu2anghu*ai u"1rLfffff.HufHH3HdfLDIsH;tHfff.IHHZ
HRLDfHHHG)HDH1(DHB@HHHG)HDH(DHBHHHO)$H)L$H1($(L$HJHHHO)$H)L$H($(L$HJfff.H
HHOW _0)$H)L$)T$)\$0($(L$(T$ (\$0HJR Z0ffffff.US1HHH3HR11
pHHTHHHH,$H9HBH!HHHH$(HHDH9w8HH9HDHHH%H=HHCH!fDH9HGIIIHIHHEHtHHH)HHHBHZHLL
HtHH4$HHH)LLHHH)Ht>H9u1H9HDIHH)HH<$HHLHJf.H9tfH$)H@H9wHejH,HH1HHHCH!H)tHBHZHHt*I
HHH,$H)HH<$HI8H4HHd[]fUS1HHH3HR11
pHHTHHHH,$H9HBH!HHHH$(HHDH9w8HH9HDHHH%H@HHCH!H9HGIIIHIHHEHtHHH)HHHBHZHfofB
LLHtHH4$HHH)LLHHH)Ht5H9l1H9HDIHH)HH<$HHLHAH9tfH$)H@H9wHepH,HH1H@H?HCH!H)tHBHZH
fofBHt*IHHH,$H)HH<$HI8H4HHd[]US1HbHUH3HR11
HHHHHH,$H9HBH!HHHH$(HHDff.H9HGIIIHIHHEHtHHH)HHHBHZHfofBLLHtHH4$HHH)LLHHH)HqH9tf
H$)H@H9wHefHBHZHfofBHd$[]fUS1HbHUH3HR11
HHHHHH,$H9HBH!HHHH$(HHDff.H9HGIIIHIHHEHtHHH)HHHBHZHfofBLLHtHH4$HHH)LLHHH)HqH9tf
H$)H@H9wHefHBHZHfofBHd$[]fUS1HHH3HR11
HHHHHH,$H9HBH!HHHH$(HHDBHHDH9HGHFH9w5HH9HDHHH%H
HHCH!DH9HGIIIHIHHEHtHHH)HHHBHZHBuBLLHtHH4$HHH)LLHHH)HthH9_HHH9HDHHH%H
HHCH!.1H9HDIHH)HH<$HHLHH9tfH$)H@H9wHeffffff.B%HHDH9HGHFv<IHIHBHZHBBLL)HtkH9sH,HH1
H HHCH!H)tHBHZHHt*IHHH,$H)HH<$HI8H4HHd[]VIA Padlock x86_64 module, CRYPTOGAMS by
<appro@openssl.org>fff.USHH0CtH1[]fHHHxH[]SfDUSHHHH~HHH[]YHfUSH5 H:0HXHt4HH1BHHBHCH[]H
I A=Av gH1[]fffff.AWAVAUATUS1HHHIIHBL(HIBHLLLLvSH
 HcHfHSBfDH@TH[]A\A]A^A_IWHI$IGH9IGAGIGLt$

t$ HA1HAiHAQf
HA14@I %1t$RIW IW(t$H9AGIG(LtXt1AWAVAUATUS1HHHIIHV@L(HI@HLLLBL+H
4 HcHfH@fDHRH[]A\A]A^A_IGH{I$IWH9IWsjAGIGLt$Qt$ H@1
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 M1t$~IW IW(t$H9-AGIG(Ltt1fHtKUSHH>H8HHtH>u)H5
HX}SH[]1DH>uH>1Hu>H}DAWAVIAUATIUSHH2>HI7QMeIMumt1HH[]A\A]A^A_f?H
0 HcHDIcmf.IIm~MuDMLMtM'zfDMHt_HLD$m=H8HLD$Ht
HLDHLD=LD$JH5
 XHLDRLDH5 :0LD$@SHHLD$1HLD$<HH<HH=LD$DHLD$<M}LHHt(LD$MtLH
NHHOH<Hu<LI|$LLiH[]A\A]A^A_JDHLD$<1HNL$LHcLD$bHLD$o<LD$LRNHXNI;Im LN1Mu ${IE(wI|$LL
#L1f;H8HLAUHHAoM@AoE SKC fH;I|$LLNIHHsOfDLHcHI|$11
IHcfDH:H:HctL911LMMM9DLLD:LD$LLLwfLLD$IDIT0LD$H;P0H;P(FLLD$LD$Mt[LLLnfDI|$LLVfD}t
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17@USHHH5Ht5HHUHt(HHEIHtH[]f1@H61fff.USHH$H*5Ht-
HHjHHt"HHHHtH[]1@HH6H@61fff.USHHIHHIHtHHHt@H6HH6H;Ht%H0HtxH[]fH1[]Ht[SHDHIHHt9H7=u
Hi6HtH8HtGH_IHHu[DfD f.USHHH[)u1H[]fDHtH5 MLHH%H%S8H HH(H0Ht%Ht HCHHP]f%H %H5x
_HJH3'fDHqUSHHDH{H$HH<&HHuH[]ffff.USHHDH{H$HH %HHuH[]ffff.SHH)HXH@HHH$HH $HH5D
HH[ffff.AWAVAUATUSHHH(HHHLLH L0L(HH1HyHHHH)HS8HLtHH&HuJLH
HtHC=t3uJH[]A\A]A^A_@L0L(H[]A\A]A^A_fDH[]A\A]A^A_fff.USHHHHuHH1*xHCHHi@B)HHH=?BH~HH
-@BHHHHH1[]-
H@@HHt1HFfD@B1fUSHHHHHuH1H+wHH$H9|PHt$t@oHCfH~H)H)HHHCx:HuH=:~HH[]H9fHH[]fDHH@
BHHHCt1fff.HH1HtH<$~H1H|$HfDH=GfUSHfHHHHH@BHH1-
>HH[]ffffff.HQ1wSHwtH1w>[@H11/H=HH90vH0LY
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HHH0Ht$@HDHHIMHD$ HE%=HrkH8HL`Ld$pH)HD$HHfHDHD\Ll$HD$0HHD
 HDhHD8HD$H|$
@H-AjLcLM.HI11A
HAAAYAZkKnuHSIMHHT$hDSIEfAEL9MYIBK
HGCSHHH SH IRHsIRfH S{HHH {H IzHD{{IHI {I IzI9fHmL9dHHt-HM1HK
ILT$8u_AXLT$(ICff=,HE=t=t9IGH [C;I#Hs<I9FHI):II9H'HHHHHT$0Ht$ H|$\HEA8tD}HP
1LLlLRDL:Ht$8L LcL1L1Lk1LTLT$\Ht$ L
~LnL^Ht$`LILq9AFfAFAFAFHHt&HH1IA
Y^HIIH|$1H.6~H|$L1,6LT$`H|$L-;D$`|H|$11e6;H|$(1rHHLT$(HHLT$(uyHNDHE=DH
 AD^LH[]A\A]A^A_fDHH\$hHLlLTHf} H HHHL$@1.L45LT$HL$HHLHtU8DfDAWH
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e A^1AHH
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  A5t^1+A\DH
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A^uff.H111H1HH)USHHHH(HH0HH9wH[]HHH1uHf11(Hu1HHHH0LH9sHH8HH0HH01*HH1h@111H0HH)H
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H9s7HL$HCH)HHt1HH)HD$H9sH)Hf1H([]Hff.HHAVAUMATUASIHHu(H@wgMHLDH[]A\A]A^K*HuHS0x(
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AN}USE1HHHLLTHTD#HHHt1HHIAH3XZHhHt-
H@HfH[]DHHHuH[]DH{11.CAWAVAUATIUSHHt$eHIdf:L[HIHL)H3L8MtrHDHL;Mt\LD[H9uLHLq[AuHL^
HL_MtoMeffDH
A^l5zLA`HD[]A\A]A^A_LZH'H\$H;C`L3H
' ASa5mzH
AYj5JzfH
AHj5AzHfHHH.fffff.HHPHfffff.Ht+HPHtDHHtH@1ffff.HXHz3Hy3Hx3Hw3Hv3Hu3Ht3Hs3H
s3Hr3H)q3H9p3HIo3HYn3Him3Hyl3Hk3Hj3Hi3Hh3Hg3Hf3He3Hd3H
d3ff.ff.ff.kff.ff.ff.Kff.ff.ff.ff.ff.+ff.ff.ff.HW(1Htr
ff.HO(HtoHGH+Au
Q uVuQHqHt4HWHtGLAIJTII)LfHHH9uHuH HufD1DHHRHO(HtwH1HtoLGLH+QujDI
AuXAHAtZHWH)H;QuI)HWLGHAHAHHw(H5
H.H1DHAHtHwHt6LQMBLHLDHHH9uHuH1H7HvHG(HtHHt1@SLGLH+pDH
AAHPtrHwH)H;puI)HwLGH@H@H5 HHO(H-H{(H5 -
HC([HPHtHOHuHHIHXLCLHLfD@2HHH9uHt1[HbHW(1HtUHHtHHHuHJHQHv1H9ww Hw
HH1H9vffffff.1HtHGHff.HG(HtHtHWH+PH1ffff.HGHuHH@HGff.H(tIHtDHOHG
H)H9r4USHHHHt)HtHHEH[]@1DH?HHH)H9sH9HBHHxH4HHBOHuH1[]ffff.USHHH?t!H\$~D$floMfEH[]UL
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AAzpH1[]A\@HT$HHtHCHT$HtH)IT$HH@1 fATUHSHHIu[1]A\LHHRtH[]A\fHv
1USHHHHT$t\HT$HKHHt2H@*HHtJH@rHHtAHHJtB1HH[]H1[]HHff.Hu@USHHHHT$XtH|$HOH[]fHu@US
HHHHHT$tH|$HHcYH[]ATUHSHHIKu[1]A\LHHtH&[]A\fATUE1SHHtdH7HrHGHHvTH5M HHG
HGHGH(a4(HHC(HAu$HD[]A\HH@HT$HhHhHHAt1HCHT$Ht{HK(H)ADHQH[]A\fDH{(H5 m3&HC(jfDH
i AbAyE1,mHD[]A\HH@y@1fUSHHHHltH+H[]fATIUSH(Ht(H- fHHp%HHu[ID$(]A\USHH5
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y AApHDlHDff.H5A #$ffffff.H5! H(%Ht H@H
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2?$ffffff.AUATE1USIHHHHuLHHH=K(tFHSIHuHEHkH[H]A\A]MH]u'ImHH[]A\A]DH1[]A\A]Il$HH[]A\A]ffff.
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a AA{gH1[]fff.ATL%' USH2@HCFLHxc H{GLR HzH}0HHuL% .HCMLHx H{NL
H2H}@HHuL%
6HCTLHxH{ULHH}P9HHuH}HHEHE`LE0HHu@HUPH)hHLE0Hu@HUP[]A\ffff.SHHHx0HHx@HHxPHH5
5H[fHPDBD9t99t
fpDHHPXHHP`HfpfDHHP`HHPXHfpfffff.HHDAVAUE1ATIUSH~HHsHcv
[D]A\A]A^H5 JHIHMHrHiI$`I$h
HIEI$hIE1Ao$8AEAo$HAE
I$XIM0I$`
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Ao$p

AEHAo$
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AExfLmI$`I$hA$8I$XI$`
AHIXHLGFH{HAHI}H5Y~ H5H~ LHQH5'~ LAtHL~ ADPL8I}H5} A(H5}
LH<AUATUSHHH~zI1MIl$L8LBHEH5]} H`HEHhoE8oE HHE0HXoE8`
oEHp
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HEP@ fI|$%LMH[]A\A]ffff.AWAVIAUATUSHH8HT$ HL$0LD$(DL$EvDL$EtLHD$I8H|$!HD$@T$HD$8I
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uIHxPHItL`H@H5{ I$I`ID$IhAoD$AoD$ CID$0HC AoD$8A`
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I$PA@ fAI}OLwLoLIh
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|$EL|t Am/LAAGLGt AL0t DALt ALNfILs AAdAG(LH\$@DH
DH1H5s H1wAODIIHA
Affff.AWAVIAUATUSHHuRHDAIHMDEtHGPx~HuP1uJH[]A\A]A^A_Lr A0DPL1LH9=ItkIhtaIHtPIHD$y<LEr
AQPLx4fDD$M`E#IGDd$D8AACAACIhIC
HD$HtSL\$H%L\$jICHD$0D$(HD$
fDIC
HD$0D$(HD$IX~D$Ll$ H\$HD$)D$`FHt$@LL\$Ht$;L\$)It$IGHD$HL$uJtFHT$0HTHHTL\$8LHt$
PL\$8HcDHDHIGH~DL(fl)D$`t
Ht$0Ht$HL\$(Ht$ LL\$(IHtH|$tAIGHT$HT$HL\$LHt$ HPL\$8HcDHDHI@ACI@ACAACAfAC
HD$HHACHD$HACIHt'HAMA
L1XZIHD$H
Dd$D*4HD$HIfAALCo {fHDHD0D$(HD$AfA{H|$HLL\$8?HD$`L\$8HDhHD@HD$ DIIxMIMHEILDLV
L(oLRn ADPLDD>IhD$(L\$HLHHD0HHL$ALm ALm DALm Dj@H@wMG(E1EDLym
HAD!PHHLF@8I9Ht4HI9u f;H(tNwH@1DHff.ATUSHHHHx0HH
f9J(tH[]A\fDHXLd$t6H[]A\HHHh
HhHHz0:Ht}HHHp(H`
LHHHtxHHtHH[vHH
HHp8z1&DHfB8fB(H[]A\DLk ADPH1DfDSHu+HHHPXHf@H[@o@Hf@fH@H[H7HH 3fSH HtH?=3H{tH;2HH
[3fff.1H@DHWHt7t-H1
fHPOt HH9uH9f1H9@HW1HtHDH|hfH@H@SHGHHHPH H8@HHHX`HhHp.H;s1HH HC
2HBHJHtH[[fffff.1$tDH(Ht8d
u/Hh
1fHPuHHH9u1fff.HH@$Hh t'Hh tHh H HEf$Hh t'Hh tHh H
HEfHAWAVAAUATUSHHH(H8LL$IHHILXI)AAJ>EHL$H`LhH9!HEH@`HP1L9HHH)H9
ItL9MLCI9LG*IH}AHKt%Ht$DD)E(HHIHEH@`L91HXHD$LPLhE(L
H([]A\A]A^A_fMLPH`HhHEE1H@`MHP1L9HD$LLhHPHXL lL9LIH)%1Mu1E5fDHPMtIv
>H;t$H`HhE1!DD$HT$1+`H8DD$LL$Le A-PHLXyHEH@`dM[HT$-
T$FfLIH)fH|$K,LL$Mj4HD$LPLL$H`DVffHLLL$&4LPL8HhLL$L|$L`Ld
ADPHvlffffff.AWAVIAUATUSHH9MH`[A9[IE1HT$*'HT$HfKHHL,t_I~EHtoIuIuAF(~IU
HIMH9HH)IMIU KHL,@I01HOL9vIHTHpLc APL\IVHB`tIE H[]A\A]A^A_HIGI;0IE
IUXIAF(I$H[]A\A]A^A_H9Lb AkPLgDAWAVAUATIUSLHHMtHTDL$@HD$p&HIPHH.H]H
HIfI)I1LHfHfHH9rfoLHfsffI~HII9tEHPM,H9v8M,HPH9v+M,HPH9vM,HPH9vHM,H9vM,H
D$}HDEtHCHPxH90Mu&DD$@EuD$H[]A\A]A^A_fDHHhtNHtIHHt1H
HDDD@y+AB@HhHDDD@Ho)|HHHHDxAAHPHT$(ZYHD$pAHUHD$8Hf.L$HTLtHD$11D$1H
H%7MTuDD$@dH`IH$Hp1HHD$ I)ALx
H|$ 1LHhHD$8HtHKHR`H$1@HH|$`HH$HD$ IH$1Hl$PLl$`HD$(HHDXHLd$
HDhHDxHD$HfMOH$Ht$IE HD$ HHD$(HHHXIUIu(HD$(/LH(_Iu1LIHCHB`u=t=CHh{|u|tL
IEHMuAM9vRHHHLt$HHt*M)LI9LG1LKMeHHuDT$DE31L4Ht$HLwLHI0HT$xIPH)IUIEIEH9l$P
D#H$ADDHCEHB`u=~=uHh{|u|$AEHt$0t$0DHXAEHD$ L$tILCtJDL/t6Lt%D\$E<Hct$1L-%Abf.AL[
DhPH|D$#HL$pHL$8H|$88H$HL`HD$ Ld$0L|$8MH\$(Lt$
$f1HLstHII(L9XI4$O,IIT$1II)MLLI\$kuH\$(L|$8ALZ
DhPHHD$8HH,@H$HHHH0H9uf.E1HDpHD81E1,fDH$HpH`1HHD$ uABHt$pHx1H|$
4t4D$R`aHt$0Ft$0EHt$0*=t$0*ADAEAfDHT$XLLfLPyIE
IE(HctDHThLVt)HCH$LHHPAfDSH\$(L|$8Ld$0HhHQH$@L|$
H|$`Hyu~.QHH%fGD$D$A.LW AvhPH#Hl$P{|THCHHt$`HHHHcD$DHl$
L$E1E1L$Hl$`HD$HH$HD$0HD$xHD$[HHtDL$DEHt$LosLcHLqHH+L$xAH1IHHC_AXHB`u=~=uHht8D$H
3IAHL@Y^L+DT@BDeJDeHJDeHD$pII0J#I(L9t$ LL3t-JteH$H9r~H)1L
iAHT$0Ht$HLHCJteH$HHPHD$HJDe'HhHHKHl$8HR`H$@HHl$8HD$(H|$`H5HHHQHueL!HoHH)5Ao(A|AH

AL1HAHt$`HHLHAjMA=[H$D$HA)8HD$(HT$Ht$L$HHHH3D$NHhLD$D$nAHD$8H$@HD$(H|$`HHD$(fff.
AWAVAUATUSHHxLpG(HLD(I9HAHhcHpHHpHAI9HL)HAHD$ HH HD$ H|$(HD$H|$ MH I9
LlHDXH~\$L|$pflHD$)\$0fHC1Ht$ L@HD$I9LG1HIL9MIEIHfoL$0HH)L$pH)$H)$H)$H)$H)$H)$t{H)$tmH
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)$0t'H)$@tH)$Pu)$`HHH9tLlpHI9vLlpH$HE1t$LDHJ0ZYHL$XH9t4At%H)IHVHD$pADtHH9MHD$(LHx[]A\
A]A^A_@HHuIHL9r.L9IGHHEH1HxHHH|$H~D$fl)D$pH)$H)$H)$H)$!H)$H)$H)$H)$
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)$0H)$@)$PfoN f.HLH9LN AlPHI7HhHHHEH@`fDfoHN III9fH~tAIIJ|pH9s3H|pIIH9s%H|pIIH9vH|pIIH9v
H|pIIL9D1HHffHsHU0H]HHLDXDHJ0yLt$XA(HAJMH9 HXHHHHEH@`Hh!H9@AuIM
H`I9XJIJ4M)L9HDHtHDcHD HDpHDHDXHD0jfL|$$H1HhHL$ ftnDkHD$cEHD$pLdlDmHD
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HLLDHLHDpH$N0LL$xLL$@h$LL$@LD$H9SLLD$0LHxLLLLH~\HD$XL9I)IL9l$HtHEHPxL9l$jL|$et
+H}Ht$$uH$$LpfoXJ tHEH@`uH^fDHD$(L0fDfoJ LpzfE1Hx@foI =HUHB`(HHD$XfoI BffoI 3foI #foI 1;foI foI foI
foI foI foI ACLH D/A3yl_SHHh1DjHcJH9w+HH
Ht0HHaLTXHD(MLAWAVAUATIUSHAHXHGHTLDDL$HB`u=t=-D$H8,AD$Av
EDt$EtAHHHt$1HxHu9HtiHAADHHHH9HuHt<1H@xv,qH@ytqH@zt
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UDAA9D$0{LMA905H4C1H_HrHs1hH4
C8L(-HUHA`A*LC %f.H8|HU0AReA@E;H{a?I@`uHCC8D1D$AHFf|$6HDT$8X|$0DT$8D$4L$4t|$0u
{oHL$HtCH|$DT$E1ELMIM9vuHD$HsHL)H9CHHFkHs
H$H{HHkHH)HH{u#A$$IHCC8HPIL9lD4uLMIM0L(DM8EHSHKHK HHD9DqfHfD$4LMt-
DT$8HA1IuA_AXDT$8LhMT$4DT$8@HADT$8Ld$(A
t$t"AZEEMDA|$7AdAL@ A/HAEfHl$8LHl$MI%AD$8IIPIL9D$4tCM9v>IDHItL)HH9HGIt$
HHID$HHtH9uMHl$8IHDPC8L$AZEE@AH5xI)L9sHsLFsHs LfLsL)sLLH{uC8It{HmCALI?
HAHZC8AL> EAdL> AS(HA3AL> DEHLMH|$(*Ld$(@HAbL=> H8[AZL> dAL= H>HU0AQIHXHE(A*HH
H!@AHCE1E(L?= HCC8A@#HAA<L< AHa|$LMu L9utHXuHH$AL0$H{EC8
AcLj< EHLO< AAE(HLd$@DH DL1H5; L1?MDHHHC8`MAL; oGu'Gu!GuGuGuGu Gu1HHPUSHHHHtH?Hk
HCH[]@HGHG ffffff.SHH?H5"< !H[ffffff.ATUISHGH@`HHHPEH8HHHPAHtI$`[]A\VH5;
?HDI9$@IC$@HpHtI$8I$HfLI;
AFAL1xDAWAVIAUATIUSIHHH0u`HGH@`HHHaMIhPILULLeHLELALDMI`thL=:
1H;HtL9ct<sL5HxLLNHt9fHCCLcHH(I9uH[]A\A]A^A_DL :
I0LAA#H1[]A\A]A^A_@SHu[1H[AUATIUSHH0Ht@HL8H-u9 H8DH;HH($HC(L9uI0H[]A\A]fff.SHH8H59
H8[Ht4HHHfHG0HPGHGGGGGH9uDHtKATUH,SH_0L%8 HHH;7LHPLHCH9u[]A\f.fffff.HHGHHG8LuVElEu
LMElEDIHH9v^AP)DtPEuAPL7 \1HDDHDAlA9DGEt^L7 AvDPDDHfUSHHHHv0Ht;HK
H`@DCx@HHCHC0HC H[]@H5 7 @EHHHC0uH1[]DSLFHHN(HXHv AHc1xHC
HSHC([AWAVIAUATIUSIHHLLHHc10HIHXHL$(H\$HHZHItJAELLD$'IEHAIEAF~HT$(HL8@L(1H[]A\A]A
^A_@LPLQHxHc10HI8IHL$(HH\$HHH%H*L5LL$(HL$0HHLLLLLH55
HHD$J<LL$zLL$ILME(LLHD0AED8IEHD:HT9HT$(jAQUIAuHL$05H DH595
HLHtLHt'LrLLZIUIu(LzB1LL-LLHT$(HL:H5;4 HL
HT$(LLHT$0LLL|H|$fff.AWAVIAUATAUSIH80HT$FHLHHUHHHDfIGH@`IEHD$#AD$D$+Ad$,D$-
IDHD/HET$.uIH@Ht$#
H~ITIt(H~HtHTH"rH<${IGH@`u6AEu/AEu(AEu!AEuAEuAEuAEuAE#LHPf.EIDAETD$AEfD$!HD$H

D$#zHH$tHH,$HSuH<$zDI8H%HH1IHL$#HT$jMD$(HpHPAt$LL$0ML$Ht$(1H
DH<$1-zH8[]A\A]A^A_@1@@@HOH1H9rQHG DDHLIL)ML1I1L H1HH)H1H1H H1H H?HI!L)HOfffff.Ht
1AWAVAUATAUSHHHL8MLIHL{HLLcIDEDtEuM1LIHHS(Hs
DL(HPHHPHHcE|$HLH[]A\A]A^A_mDLhML{Hs(H{ LHC
HC(H[]A\A]A^A_H1[]A\A]A^A_L1H{IH{(M1I)LMLD$ LD$HC(LCAFD8D1foeLE.
AD`PH9AUATLiUSHHGHNH@`t-MD1I9HF H)HV(HNH)VHHF 1I9HF H8\HHI u{HuIHL)L1I1I
LH1H?HHwoHIumHHHHHH!H?H!H)HuH[]A\A]fHH]H[]A\A]fAII1I)LM HHL1H1HH H1HCDID1HH
H!I9wMffff.AWAVIAUATUSHHHtHTAHHtIHUIhHH$HuHD$8IFH@`H|$8q%HH|$8HD$Hx
H;x(HhpE1Ll$#@IM9H}HPH;}ALy+ DPLDHPHtIPH4I8HHH_HD8IH|$8H<$7HH|HHD $H|$
IH$`L|$`D$@Hl$PL|$XDGLGE!EHLD(IHDHDHHDLhHIHHHDH`HD$0LMIHIFH@`EI@$`HT$P$aH
L$0BABfAH$`IH<$AGAAG
HCAO LHAGHAW
D$@EIEt_HcT$@HSHIEHPII
L9|$HCH<$IEH |$(/EuIEHt1Ht$ HtE1HHD$H\$H,HHHHs H{HPHSHCHCH9uAHD[]A\A]A^A_L(
ADPE1f.tI`HT$HbfDHEEIpEfE\EREHE>E4E+fIMHt$ 1HHH)HHjHvH9sHC$@4IEHHH9wIEHS6H<$HAL'
DHtHHDLL$`ILLH
J4fDHHPHHJH9uT$H<$L"LD$(LL$LLLD(HD$H(IHHPHHSI9uT$H<$L#~HL$XT$$H<$8A`L&
PL@ADHD$L<$L$`HP(Hp LLH'uE?IH3IPHIPHHLcE|GHtHD$ADH,IHHHT$
LLL]`IPDbA!DAA!L9DuD$@AnHt$HD$Lc|$@HHHHL)8HPH9u7AlAaA*UH|$8;%HuYHt$HD$HHHHH@H@
H(HPH9uIHtZE1A:H|$8%HuHt$HD$HHHHH@H@
H(HPH9uIPHtAATbAi|$@A!@AWAV@AUATUSHLvI@IF1H9vH[]A\A]A^A_DHE1IIA?IHI9
LnIH1LHM9IMO L111H)f.HML1M1IHIL!H?H ILL)I!L1L G!L L1IH?H!HqA!EIHI1H)H1L
H1H?H!M9uHHtt@fHHHH LHPAH1EHH)H1H H1H?H!H9uLH)LfD1@AWAVAUATH`
USHHHLHtHtMLDHE1HD$ HD$HH$$Hl$HhH}HCHB`H`HH%H@EH9p
}HuHwHH`$H}E8HPH}HDIM9HE(HE Hh}zHCH@`H8H@HXtAH8Ht5HXHv(HP8u@HPfHH9ILd$HHNHh
1LHtHHHCHAH|$ tH8tHH EK,AHHl$DH`ID$t$H=D
LHID$HSHA`H8AT$HHIT$ 5H9ID$AT$@LMtRH31IAAHCY^HB`ID$t~AT$fDH=@HHtQwDH9Z
HID$HHH H IPL9V=
L(H[]A\A]A^A_MHHL$A1EH~Lh$L`MIIAC8ANt"tA>fuffLMt*HIAL11AAZAA[AvID$fHA~UMDfEH}u9HCL
A@`u=~=gt
9XHCHA`tWHHHH9AkL @L$E1HHDH}=t= HHHH9f.H8t/tfHHHH9@HAfAvL H]==u@DE> H`H= H,H= H
H=m HH=T HH=: H[L AFHKlEEH}HHHH9HALm H"<HfDH8IwHngHh
1hHHHh

H(}fHAL PHL$yHSHA`IHtH HD$HxH@ 8HD$@HHH HHD$@8H(Ld$HUL AD2HDef.AL D@HHQH CL^ A^
H@HPHH@Lt$LcKHL$PL<LdHLMIIIoL9aHCL)1IoLIo LHHP:LHLL$IPM9uL<$Ld$f.Hh"IH
H4$1hH3fDL AHfL ADPH\}fAL @HP<HjHP'HLcI@KHl$L|$0Ld$8HHHD$IFHD$
HHD(HDPHDzLeM)LeLe AHC1HT$HHHPtEuH|$LLJtDAIDH9EDGHPH;l$6L9uH8H %HuHD$
H9ESH8H%H,H|$(LH|[L)uE1Ld$(d
Hh
11HAL L AkH5VAL *4ALLw A L` HAzHL% A\2H1uHhuHuA4L FHIjL A3H<L|$0Ld$8IAALZ AcLC sAABL! JA+L
3AL AjL DPHUAL YL A/H6ALn AKvALL dAQ`ID$]ffff.AWAVAUATUSHHH`Hh
LH
H@EH
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HIH`
Hp
HtHC1HHHAMVHHCH85HPH HPH@ALcL9p

EH8YHq%HuIFH9p
H8)HA%HLh
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D$HCHt$ 1HHt$HHHPIDHL$|$H|$LLCEHL$H9h
fEH`Hh
t)H=DHHAHh
H=@Hx
HhLHAJHD[]A\A]A^A_DHuHh
HhE1fLi AfH{E1HPH|HLcI@L9p
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LD$HPLD$tHt$LLLCL AH{E1fALc fALC fL) AsDPHzE1J@L
 AkHlzL
 A2H<z[AL
 DPHz1Lv
 APHyLM
 Ax2HyE1nLl$`LHLEfL)h
D$Wfff.AWAVH
AUATL`
USAHH(LdHlHD$@HHHHp85$HhHLh
H
L9IALLHL~L9|$H%u0Hh

HHhIIH([]A\A]A^A_DHH1IA
H~Hh
tHhL$L`Mt&HIA
L11AAXAYA7d
AOAW AWfH
AWAW fAW
fDLh
ut9f1f@EHHtA<wDI9nHhH
L9#$LLHPHIt0HHM$Hh
u+
t@Hh
mD$tHHvuHHHT$HHp(LHH([]A\A]A^A_ffH`
Hh
d
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HHhH
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H8H`H

H
HHp8HHAWAVAUATUSHHHIAH8L@LHA}HLL^LcLLdHH8H@$|$%HLLH
HHEHD$(IEE1H9rYH+D$(IE@HhLpLH$f.IUIu(I}
IE AIE(HD[]A\A]A^A_@0EDDtHD$(IIOLD$PLLL$HLHL$ LLIHL
CD9CT9A2DPCD9A2FBD<ICD9A2FBD<JCD9A2FBD<KCD9A2FBD<LCD9A2FBD<MCD9A2FBD<NAF1BT
<OAFAFAFAFAFAFAFAu{A1HLLLLAgL DaPHrHD$(D111EHglEu!IMIM
T$HFL|$CLt$`1LLvAuL4yAuLyst$AuLxVHt$HLtAH|$H5L]s%DLt8tEE11LH%z1ALLH\IM(Iu
LEEH~=Hct$8HT$<HIu L$<L$8HcI;M
EAIM T$HDD$$DDHD(IExfHHt
luHHtLltBH@${DLzADA)AAMAY|ApqAffFFGFGfGFGFGFGf G
F
GFGFGf
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GfGFGFGFGfGFffffff.FfFGFGFGfGFGFG
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GfGFGFGFGfGFGFGFGfGFGFGFGfGFGFGFGfGFHH8HH0FHH(FHH FHHFHHFHHFHFGFGF HGH(F
GFHGHFHGHF
HGHFHGFGFGFHGH(FGFHGHFHGHFHGHFHGFGFGFHGH(FGFHGHFHGHFHGHFHGFG'F G&F!HG
H(F"G$F#HG HF$HG HF%HG HF&HG F'G/F(G.F)HG(H(F*G,F+HG(HF,HG(HF-
HG(HF.HG(F/G7F0G6F1HG0H(F2G4F3HG0HF4HG0HF5HG0HF6HG0F7G?F8G>F9HG8H(F:G<F;HG8HF<HG
8HF=HG8HF>HG8F?HH@t~-
v1HuHAWAVAUATUSHH$$$v1H[]A\A]A^A_LLDxHHHH$KH=@=?=VH$HHD$XfH
:2H=+HD$A3AAHD$`H$(A@HD$pHLhH-
D@HHHDXEH=j23HD$A3AAHD$`H$(A@H|$hH=sHDpHDHHHDXHH
2H='HD$A3AAHD$`H$(A@HD$p HLhHHHHDXH
2H=_HD$AsAAHD$`H$(AHD$p0HLhHHHHDX8H
L2H=}OHD$AsAAHD$`H$(AHD$p@HLhH@$
HH1H|H$H|$HHHL$I1HHH+D$pLLIHHD`H1LIHH$JsHD$HD$@HD$
IIIIIIE
H|$`H$1H$HWtH|$`DD<D<<Ll$@M$
HD$I9L$L$HL)H|$XHD$hLK4>HLMHt$xI)I<,LHD$hLH|$X1LIHhHv?H|$xH\$(LlhN7ALLd$X@IHLLAI9u
H\$(HDHD fH$)$)$)$)$0LILkIH$@MH+D$`MH$HHD@HD$(HD$pHHHHDxHH+DHLPHfHL
H$H1IHII!H$I?EH1HL$@HPHH!IHHT$8T$A H$I9IH$MFE1HHD$0pfDHD$(BqKLLL1H1IL1H LH)L1H1H?H
HL1D!H?HD!D!!1!BtIM9L9d$w1L;d$sHD$0BH$HHHHHDXH=$27HD$A3AE1HD$`H$0A@H|$hH=(HD$p
H$fM9LLt$`L)HH+DHHD$xM)L$HT$0HD$HtHD$0BqKLLL1H1IL1H LH)L1H1H?H
HL1D!H?HD!D!!1!C41@"t$1BTIM9v,L;d$r1L;dsHDHBsfDLtXLT@HLTHDhLHLHfnD8fo$@H|$PLT
$f`fafpff$)$tgfo$PHD$PfHf$)$t>Hfo$`ff$)$
ufpf0)$0H|$pH$H9@Ht$8!HAH9A!HAH9hB!HAH9JC!HAH9,D!HAH9E!HAH9F!HAH9G!HAH9H!HA
H9I!HA
H9v|J!HAH9vbK!HAH9vHL!HA
H9v.M!HAH9sN!HD$ HD$
LT$(H;$M=HHH$q1HH4=$fo\LHfo$@Hf)$@fo$Pf)$Pfo$`f)$`fo$pf)$ptbHfo$f)$tGHfo$f)t,Hfof)uf)H@L
H ?}H<1H$1HL$IDHD$`H+D$pIH9H)HD$
IHD$@L1H$@HH$HHYH$H$HfoL[LHfo$@Hf)$@fo$Pf)Pfo`f)$`fo$pf)$ptbHfo$f)$tGHfo$f)$t,Hfo$f)$uf$)$
H$HK

H+L$p1HH
H|XHDHIHHD`H1HIH$IDHD$(HDhHD
HD$(H$11HL`L$9I48rHL$`DDDHLdxHHHHQQIH$H)H$DItHLH)DHHH|XLlhAHD$@1IHH%O
t<H\$(ALLt$XIHLLAI9uH$1A9JtrHLH@H\\\\\\\\H$H$HLHHH;LHH;HTpHH;nHH@H<tHt@H$H8H=
8HD$@HD$
WHyHD$H|$
IH|$@AWAVIAUATAmUSH(HLHxMH$HE1HtLhM8MIPL#HA?I`MI`t*LHI`ALIIHPHT$LHpAH<$Lc}H<$Lc:
zHK4${!rITLH3HLHLIH9hrYH|$HLLDHLLDHLAH4$A1LlAG|-
ALDPL1JYH([]A\A]A^A_fMhAG|D$MIL1"HIXMIXtL$HIX$IXI\$HPXHT$]LZIIJnH3LHB3[HIhAt'HyZMhD$
%DALAPLXZHI8tH1ZM8fLAADPLW]LAPL|W-
A|LAfSHHH;HhHpHHpHh[AWAVAUATAUSHHHhtHD[]A\A]A^A_HT$@Ht$8HHHj1E1LL$X|AZY*HHT$8E
1H|$@HxHT$HHH7|uH|$8CyH|$8gvHD-
AD$IcH5HKHIHHhLp2I}2MHHL+~D$LHTPLl$`Ld$D$PAHT$AHHDLAL,O1HHB2Et$A-
Ht$LH5HHHVHP4H HH4H HH41LHLl$
41HL1|HLHVHPM4]LL54ED1Dd$(9D$LL+4TT$,H|$L)HD$L;d$ID$(Dt$PDtQDtR}Dt$StsDt$TtiDtUt_DtV
tUDt$WtK Dt$XtA
Dt$Yt7Dt$Zt-Dt$[t#
Dt$\tDt$]tDt^uDt_ILAPH<S_LA"APHE1 SL/H/HHHH@$ t
@Ht$Ls2[AAKLDPHdRVLAAPH4RWA>LDA+H|$ AAAD_HD$`HD$
HfSHHHkHHH[.HH[USHHHJjHt=HHHH1
HzH[]@LHAFAPQH1[]ff.USHHHHHHt0txH[]@Hw/HSq9uAjLDLAdHKP\PH1[]LHAqDKPD$(PD$H[]ffff.AUA
TAUSHHHHt?Eu%HHjHHH[]A\A]HHL$1yHHL
,IHHHyHtHHH1,uSLADH%PO1H[]A\A]ALkL@HHt$HH.AL+Afff.AWAVIAUATIUS1HI1HmuHH[]A\A]A^A_
HH]vHtrt0LADPHNf.*HIHLH)/ALuHsD$xcMtLLLp-
~$HLHPHHP1LADPHdM1.Af.LDPH2ML)DLAAPHL~1LL,SHcl$@AWAVAUATIUSHHHT$HLLD(E)HHH
D$<L%1Lt$@E1HD$H1HHH)PI4$HHt$ Ht$ HH+'HTHtH+
H HH+H
HH+HT$LH+H1HH(HT$Ht$HM+~yT$<LH:+~fHT$LHF+~RD$<IIIH1I9H'@L/HD$(L8H[]A\A]A^A_LADPHJH
'@L1LAAAPHJ1xw
H?81V9Wtffffff.ff.fDHH5b8
8Ft#SHH>Qu[fDHO[H
IH=r63HPoH
(H=3PRH
H=T3PH1 f.f.w H3H)HHH1DSH5HHvzHt1HHtHCHP[f.1[fff.HHySHPHHHH@HHH5HPH@UxHH5g2H`HH5M
HxHH.
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uHH[ffff.8t;Ot&t 1fDHHP1f.H1fDH(1fDIH
HcH@HH@HPHH0H(H` HH` HH`
H1ffff.SH503HPH|$HHtHP[DH5y2HHuH52HAWAVH03AUATH:2USHE1E1H8H$~$H$HD$$HHD
)DHDfo)D$ H$N4HD$JHt)E1@IvHtHtCIIPL9uIu Mt3H8L[]A\A]A^A_fAMH52HytH52HfH2LDL-2fffff. ifGt
HSHHItH[f.AWAVAUATIUSHH8H4$3|HD$(H@u@] fHD$ HEHB`2=%=HHHx
tHx(HxHtHxPHxptHxxHtHHtHHtHHtHH8tH@gH`D$tHhD$E1E11HD$DAG4=D9AG8=D9~
H48t @EoEw ALt
Ht>Lt9Lt4tAwHtH<LCDL%9+L#IHEHB`UA;W,|A;W0=1=&fLL$$HDAWD1MHPbADL$tAtHDD$DH<$t]
dx@HD$wiH;D$(HTHDHHEHT$=EAG8=ONHD$H|$
HD$H8[]A\A]A^A_@HHHpD$HT$H|$mH<DHDWH$H{S1Hyx$<LT*E1
AA9DL=x$u1IHHD$ HLAA9|0@AA9t#DLx$uH|$ HE1DLx$t
H|$ HAA9uLd$
vffff.USHHHD$HHtHHmEH[]fDHH|$H+H;H8@~RD$;~D$u@HCvutHCtHCufD1H[]HCtD$[fH^C@1fH>CtH(C
1ifffffff.USHHDG@EtCDH[]f;;uCDtNHtuHCHPxCDuHuf1HCDHuJCD\@uHHC1HT$E1E11HR1PhCDZYpfDH0
tHfHu1@ATLUSHLpat1[]A\DLaut0H(:HfH9tfAUATIUSHHIHHt
1H4HCMLHHH@pH[]A\A]ffffff.AUATIUSHHIHHHCHAU1HAMHPhHY^tH[]A\A]f.uHFHCH1AUAMHHPh1
HD$YFXZD$1HH@f.AUATIUSHHIHHHCHAU1E1HMHPhHY^tH[]A\A]DuHEHCH1AUE1MHHPh1HD$dEX
ZD$@1HHHfHHtTH8HtHHOB@HA`uBt2H= HDH=
HDHHATUSupEHHtp1HuH{HCHHSHHS'~PHvHAtZAu>Hm2HHT+-
EHHuH['f1[]A\f1DH2HHT+AWAVAAUATIUSHHH(HH8@HWHE1LLHpPL@HAQAHtEtCH:LHlgC8uHHH(D
[]A\A]A^A_LHLtuKDH5LDHHDeHILD$iLIOEGHL1HADD$LD$A%LD$HDT$MrfKD
H54LD$E1HHD$*eHILD$IOLEgHLHHALD$LD$HLEIJ<!LLD$DWD/HHHVHLD$HHLeHHSHHL$HLLHHpP
L@ARAu5Ht$H1$LeME1DHt$H(LAYe@SHHHD$tE1VHHtH~Ht$HU~!HHD$H[D1@H|HDff.AUATIUSHH
D$H h1IfHHH5Asft"E$E1H~oHt$HrHHD$H[]A\A]f8
HHLAnA/PL92AyLS/PL2}L)AdD/PL11KDLA~/PL1H|HD
@USHHD$HH@f1HHtXH~NDE1H~-
Ht$HNH|$pHD$D1HFHD$H[]f.HHHD$t3HD$uH1AVAUATUISHHHD$HHH1A&HH~HH|LmPADNL
0Ht$E11H?LaHZH[]A\A]A^LLADNP/1H[]A\A]A^Hl$1HHRH|$H5_HIHHHEID$HB`==A$u,LYM$4E111HL9H
T$LL1Ht$@DLADPNL.1Ht$ALA@I$Ht$LHE1:HT$1LLHt$fUSHHt%HHHH~HH[]1@H1^fff.AUATIUSHH=H
HHcHfDHHH(1H[]A\A]HHcH
Am
B1H7HHHD$1tHT$HHHhfDHAX
HHHH51IH1>/HHx HHh@HHH@EfHP@Hs8HH8H|B
DoHH]HHKfHc@6@HHQ*Hf.HHH@H1HHH8HHHc0HHHHHHHE|f.HH<HUHH1;H8fD1H7H!C8
HH5%HZHHHM
IHr,LH&HHLK8uHH`HtHPHUHXF@HHH'DHH,HDH1HHH1HHH{IHzHHcHHHz~HuHHHH}HRHH@HH@H
LHM,\ f.EIHM9zA<$yHuA$
E@1MHH&H1MHHW%HHhH5J
XHhLpjHXQHXH6@HhHHpHHDH`H`H@@H0HoH8H5Q
'WHH8tH/~HH=H5
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D1HHcHHcDHHcHHH@H~HH@HEHczA{
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MKI1<DH@HHDH@1HHH@1LHHDH@LHHfHXH`HzxHHXH`LHwHH1MHJ!HbH1MH
HBHH52=HH)HHPHtH5=URH5n>HAHHPA?H
DD@1fDX~H`
HH5,QHH>HxH=w
}H
A1e1fH` HD@H8HIP;HIHU0oEH oEo@AH o@ E0o@0BDDH.HHHp|AyH
A1H
iAB_1HHOHFHD$1}HT$HXH`sHYf.HA5HiHHA%Hu1IH1H
AH1H8H@H0H@Hc@@H@D`zH@LHafH@HQHIH,LHHHLAH
C1f.H@H@H
IAE?1~HHHhAtsH@Hx5H@HhOH
A|1'H54HHHA5>PoEH oEoA@H oE0@ oB@01SHH8H!Hpt#HCHHP H[@HHt4Hzt-H8t$HHGHPt$uH
A$1ATUASHGHHA`u=~=u|;uFtwAtGHHD@4Cu`HCH[]A\H@xHHtHHUfD(`QP]f[]A\fDUSE1AHHHH$HHHD
$HPgJY^H{11iDHHt1HHIAH3XZHhHtPH@HfH[]HH[]fDHHHuUSHHH5HH?
JHHt%HcuH}HXHHH[]1H=AUATUSHHXLML1ITHHA@HDHDHDHD HDHDTHt8D$
HD$
HHHH$HCHSPL(HHD$@HD$`HT$8HXHD0HD$0MHT$XHH$HPHT$xDPHDPHHxDpHDpHH
HHHHHHt3LToHLHH$HPHt2HXH$HHH$$H`HtHLhMt3Ln$0H$0L$8H$@H$LMLsn$HLH$
H$LMPL0n$HLHHH$
l$(HpHBHxH$XHPH`H0P$8HHHH$xHpHH$@$pH1HLQHX[]A\A]HHtLLMLLHHJDHHwfDH$
@GH$0AVAUH
~1ATUISI1HHHtHDC@HHMI$H}u[Et=]HE8H
'Ag$H
AgH5(~1HUMtI9$tEH1;FHH[]A\A]A^BHH6H5}1HHUfDH1H[]A\A]A^fDH@8@HH
H HHHUHE H =HXHpt>@9HcHPqfDH
A
gf1fAHH.H5|1H@THPHUHp=tHKPHrUt>@9HHCHE0HzHHE8HHHDH~H}HHE@HHHE@<DA AHHWZAEt
ADIcHxHcEPLuXH5uH(HBMH(t(Ic6I~H?HH(>LuxHH5AMHt(Ic6I~HHHHH&HE`HPH5KH`Ehh2AHEpHHPH
PHcHXH@HEH8H
CAVg=T>fT9tft1H>L`IHXLD>LD9L)H)1L>9M9r1jzHxH>H{PLD>LD9H{XHH)H)H'H
HDHt
HtHHH)H)D1AN9Nrq>9T>T9>9ttDT
fTD7HHHHpH5gl?HHHPHpHcHxH@HH5.s>HHHPHHcHH@H52x1HOMtI<uIHD$IEHPT
DT
TDH@HHHpHxHdHE1E1112213HDHAVEAUMATIUSHZ~v~1t =
[1]A\A]A^fPH
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t!DO![]A\A]A^[\fD9[AE
PAU(C~ 2tA}$"A},q1AEbv19[]A\A]A^IT$HB`u9A A AfAA
!fUSHHHHHDeHt$HeH,$x_x[9t?)H5HOY;H|$H5PC;H[]f.Ht$HcH`b@ff.USHH?H.HHHD+eHt$HeH,$x\xX9

t<)H5[HO:H|$H5BP:H[]Ht$HcHa@H5YH=V.3Ht?.3te2HfSH54(i;HHtQH@ HH3HHeHH t1H[@H
QA7ADH
)ABAH5HC1Q9ffffff.HAUATL%USHH_ HL-
2@H;H(uH{HCSkH{HCLiH{HCL8HCHCH9uH[]A\A]fDfffff.Htt~fSHHjHHH5C8HH5+8HH58HH57HHHHH5q
7H HH5Q[7fffff.AWAVH5-AUATLUSH(H8HIuLm HELH)IHI fH}Ht
I|$_HEMt$ L=8IDEADI|Ht
I|IDHtIDI|C_I|HtdHIDH|t;H||L6HIHTHtHITHT3hH(HbHHH5H<X6HI$HHHH gHHI$HH5zH<5HI$HHHH
igHIHIHt8HHHIJHIEHADHHIHItHIHHtHIHHIIAHI$dHHtH5!oHI$tcHL[]A\A]A^A_HIVIDAu
H
A/{LE1dfA~H
APAz`H
cAXAzH5BLYE13#DHAVAUATUSHL01MtXHII1&HfdE11HLLu6H3d9|I~H52cIn[]A\A]A^DH
AT
z[1]A\A]A^H@L0TfHtCATUHSHHHEI1MtLHHtH[]A\H592LDbDH[]A\USHHtuHHHtTE11Hu$H{Ht[H]H[]
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A(ZyH1[]fH@H@+bHHHCtffff.SHGu[H[HwAUATUSH_
 HH;w
?H;wHHGHAH;wpHGpH;HH;HH;HH;HH;8H8+H9`H`9LhIHfDH{tH;HtL!H(L9uH1[]A\A]Hx2HH[]A\A]fHuH;H
'HuH;H*fH(HHP1DHuH;HHSH;8H8H@1H9`H`Hh
H]H[]A\A]@1HtHtHtMHw E1IcD)HHHHHT(fH8tHxu3H(H9u1HHw H)HiDBA~HHHAUATUSHHHHH_HLM
HI1Hu_HHLLLHILHLpHL
LH[]A\A]@H
qAAtH1[]A\A]H
AAtDHLh Hd^~HLC8H5[iLHZiHDHLS$H`HtLOHHHHLL HH52HHV]HL
HtL
HHtHLH
AA1sLhfAUATIUSH>]1A[HHtt1E]HHWD9tIL]H[YHuH
AArH52H1T\HH[]A\A]H
GAArUSHHHHH52\HH[]USHHHHH5V2[HH[]HHHtfHHUSHHHH H52q[H H[]H
USHHHHH521[HH[]HHtH`@1DG8uHHt-H`DHHtfHH
1ffff.HtsUSHHHHt=H=HUWHHt6HHUt:H[]fD3ZHHuH1[]fD1DHDSDH[]fHtsUSHHHHt=HHVHHt6HHUt:H[
]fDYHHuH1[]fD1DHDTSDH[]fHtsUSHHHHt=HHVHHt6HH~Tt:H[]fDXHHuH1[]fD1DHDRDH[]fHtsUSH
HHH t=H]HuUHHt6H HSt:H[]fDSXHH uH1[]fD1DHDRDH[]fAVAUATUSHHlHDH5H=VIHD$HIqMhHlL11
Lt$f.11LLHHtCH|$9HHtaHITHHtQHLHH1#Q+WHHuH
DA}AmfHPH52H1WLH|$ebL}HH[]A\A]A^DHL
HHR
L8H|$bL&Ht,nHH[]A\A]A^@H
yApA1l1.fffff.AWAVAUATIUSHH5HHD$KI_H7HHHlHLl$t]D11LHHH|$f}Ht1HyRHHt!HLOxJHZOE1HH|$`L
L
 KHD[]A\A]A^A_fDHLPAZHNH
!AAE1kzlAcAWAVIAUATUSHHHDLlLd$e@H(KHIKIDH=Hh1IHL=LLHLHHuHt^H
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Abjf1H|$tLH[]A\A]A^A_f.H
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LD$IH;
T$4MM41D$tHkHIHHLHH

AALJiD$ufLH([]A\A]A^A_fH{SLHt%H{R9|H3L1J1E1LfL@D$IH;H
$AL1hE1E1;D1HIjAwLLL1HD$HMH]D$E18H|$DQHt$E11HL^|#AH|$QA9|H{H5u}20QHD$HCD^H
A=AL1}g.M1D$IL` f.D$t%
LpHD$HH
ARLfLHcH5`H19z@H
1AnL1fH5I|2H|$O@f.HD$L` fL|$LCP?L3PpL8PH H|$}KH[+gfDATUSHt3LHI$t
HtH[[]A\LHHHMA1HHH@MAH1HDtKtStt^tf+tntv?1@tdf1HDfffffffxfDSHHOt/Ht$tHHD$tHHH[HH1[HwHHf
D1HH+DUSH<HHH=<MHH3=tYH=3tOH5HHt1HHX_=H=`3HEH<HH=M3MH[]H5qffffff.SAH`OfHcLD$HHH
M1uwucLDHt!HHGH`[AH
nbH`1[A fDfA HxfAW@HLHH1I3@H
IADnDbDH`[fAWAVAAUATUSH\$HD\$8TALDD$L3H\$@T$L;LL11t$H9trHtfHPHHLIIILDExlE;XDu6A
AA|$MAHLH9uHD$@L8HD$HL0[]A\A]A^A_f.tAxtt$tAp
tttAptt$tAp(tt$ZA;p,uATpuL9t0L9LDHtHJHHHtHQIFLpIH@@HL4fDDhEL9L9LDHtHJL`MtIT$IFHLpH@IL
fDLLNpL9L9LDHtHQLhMtIMIGLxIH@wD@EcL9t0L9LDHtHQHPHtHJIGLxIH@@HL"@L9tHHJL`L9@LD
Mt
IT$LhMtMeH@H@HLIfDAVAUIATUISH?IDHHu,f.1HHx,u1H#AHH1LHHH>L^H9|HbDHHtBI>DH5sz2IH=I>
HI}C[Im]A\A]A^D[1]A\A]A^ffff.AUATIUSHHHH1fDHEtHRD9LH@Hu{HcHH5H!HUHt'fDDBEH
HRHcIDHuHcLBLH)L9LI<A~L]M$1LLb@I9t^H2HJD9VDuFrt?H9t:LjL9HLDMtIMHrHtLnHWHzHHBHHHuL
9L]LI<$eH5HH[]A\A]DHRHH
AAm\H1[]A\A]1@AWAVIAUATUSHXHt$8HT$@HL$(LD$HD$4t5<-tD<+<!<@<:t<
 aAFIuD$4HX[]A\A]A^A_MnD$D$0D$D$
DDD$$AUMDD)A<=/|$d+ID$HD$(L0Mt6HhHcDMfHLL>;uA<ttHLuMuMA<;vIA<;wHHsf.H`#H;IAAFtL$$!
L$$yAF t|$|!|$YAFtte!t$9AF(tL$ N!L$ AF<t!L$3!L$ t |$@ !!|$
AtAND$t3MAF,t$09tD$0D$1uHD$8|$MHHD$@H8IHt$1D|$Dd$$Lt$A AHL9
HpHPELIILDt
A;HEt
E`Dt$Et
Ep Dt$Et
EpDt Et
Ep(Dt$0EtE;p,u}EtEh<trtAh<th|$|$C|$H9tHVHPIH9@HDHtHrHpHtHVH@H@LHLHHD$8Lt$HHD$@H8A@D
$$pDDD$ uT$1 L$D$Z<;<,MD$MnDMnDMnD$uIHD$H
;MAWI|D4M
H= LupAE A0wcHt$H}DpEqH9t0H9HDHtHVHPHtHrHGHxHH@@HL0AH
V*VD$4A/<;w<HHIA<;wHHIAuH=LXHt$@H|$8E\$4\$4bD@EVH9t0H9HDHtHrHpHtHVHCHXHH@@HLDX
EH9H9HDHtHVHPHtHrHGHHxH@HLffffff.AWAVAUATL%UUSL-31Mt$H3@IDHHtEA<H,tHX$HIDuHA.
L3Huf.L-m'31L%3L5/3M})fHHHHI.t7A|H,nH#HIuAH
3HuH=!3sH=3eH\$H5/Mv3h3HHDD5Ht"H|$E1111I7D$H|$
D$>2

3H5[XHHDD`5Ht"H|$E1111IU7D$H|$
D$2H2
 H5KHHDD4Ht"H|$E1111I6D$H|$
t$u

*2H5WHHDD4Ht"H|$E1111Iz6D$H|Lu

2H5QWHHDD4Ht"H|$E1111I6D$H|$<T$b2uV2%u
?2H[]A\A]A^A_@1H[]A\A]A^A_HD2

2fAWAVAUATUSH8HHHIIHHMIML$H=2H5L$T$tH=p2L$TLHID$t)Ht$J3H=;2L:LLT$It'tH8[]A\A]A^A
_{$1H5f.HH;<uHH2HHI$s(MIEt
As(MtI@LDHuyH81[]A\A]A^A_I$1?1H5q2HcHcMH4Iut
H=2AMtH2HIHtHu@HX tDMtA_D$pIE8=-C$@{($${(H=O+H6IIEI@
l{(tP{(\H=OHXBD{(3H=YMZH/C$H=M=HC$@H=*MHC$=[@C$@HP2H1DHHfff.HHHHATUISHH5HthA<$
Ht H
'I:L2[tNH{1H{HktHHsH{H[]A\"fH[]A\fH1[]A\DHD$1D$H[]A\ATUISHH5HtxA<$Ht H
wI:LZt^H(B1HH(t!HH HH[]A\cH[]A\fH1[]A\DHD$0D$H[]A\AWAVAUATIUSHHHMHT$
HHL$(LL$HD$0HD$8HHH=
LMAAuY%
AAH@`zH
AK1gJHHH[]A\A]A^A_DH=6LtmH=' LF
AAH@`rL55LAH
AI1d
AAH@`$L52D$2D$2D${2D$H5HcIH^HI_1ED$Ht{DEtst$pujt$p
uaTPuXT$P(uOHA`^p4t7HcL$HHLHHAHAAt$A9lD$tlHcIGHI|7t?IW IWt)KLHHHP@H@8H
HPH9uID7HGHGL|$0H|$8HE11Hl$@1AUH\$@SjHE11US1j1AHE11US1j1AHE11US1j1A0HE11US1jA1~HE1
1US1j1A]LDPHtX1H
LHHt`fH9tYHHPuCH9t7LHL9HLDMtIQHHHtLIHGHxHH@@HHHuLD$0H|$8HUSE1j111AHE11US1j1AHE1
1US1j1AuHE11US1j1ATHE11US1j1A3H
 HHH11US1j1AAHE11US1j1A@HE11US1j1AHE11US1jA@H11US1jAE11wA|$MH5H
HcHVHIHD$0|$LDDDLD\$HAAAtHH@HHJHuH71LfDHp tt(tAtH$tAtH(tAtHHHPI9uH=HLLA>2H5/L>-
1HHu/f.L6.HH(L.9|H\$0HuPH[Ht?CtH3H(uH5OLH1)gfDH5XLH)HHu$H1J).Dx,Lt$(I>#)H5_2HI"I>-H\$
H;(H+@HD$H=LHHLA~:I|H5/LH52L1rfH= L%HB`===HLDf.IGLD$HLHLIH5D/LL58]@H5L1~D%
AAH@`2@H5LtAH5;LUAWAVAUATUSHHHHcHHD$D{{,Dk Dc$Ds(jAIWA@L
zt*AL
ltAL
^`AAH5t+H5jr"AH5GtAH5!@ALA{AHt%A HtA@HA6pAH=t+AH=tA{H=]HHK1WRHVHt$(HH
HH[]A\A]A^A_AL
L
iAL
9AL
TL
@AS%A H cAHAH~ffDA H5gA@H5PAH5}<H50AeA H=yA@H=H=AL
,A L
!vAH=qGDAHAHA HD@AH
AHAHwHd@H5mHHHD$3H
AnArd=|A5AH=6*fAH5Fw6f.H=~@H5L@A@HGAH?xAHI\AHCHL
!F@1fAHAHAHBjf.H@H:@Ht,tzHHHHtHGfffff.HHtHGfffff.HtHbHHfDHq1Ht
HtGHGDf.Gfff.Gfff.tdHt_AUATAUSHH$A~31D9t H$D9
uH[]A\A]fDH1[]A\A]1DH5H=r2H^Hj2Hffff.HQ2H=J2H=A2H5H/2#fHATUSHH?>uH5&HICH=2H5(HX*^H=2
Ht>LH=2Ht"Ljt1LH5LLAH
}AQ9[]A\f.H
AA39[]A\DH5LBH
A58kA/ff.HtVfD1ffff.HGff.ffff.SHGHHtu
HD[HGHH1Ht+O$1H
HHt;uHDf1fff.W(tHtSt^titt

tto1u1HDffffffff fxfDhfDWtHtSt^tftn@ty tr1t|f.1HWDffffffff fxfDhfDW t8tCtNtY
tdtl@1tdf1HDffffffffxfDG@H2H1DG(fDATUSH G$0t.111H.H:HIH
[]A\ft111@G(@Ht1LDHLHT$H4$HHtH{$ HcH4HTHLLDthH
HHItH%HsLLHc/HH4HTHLLD111DHHt1@2HUSH
H1Hx4H}H1HtHcH} HtHHc[]1H[]USH
H1Hhx4H}H1HtHcH} HtHHc[]1H[]HHG Ht#H1\HPH@HH1\mVHHHG Ht#H1fHPH@HH1fVHHHG
Ht#H1bH1PH@HH1bUHATUSHIHHH^HHtnLlH~U111HsHIt?H{1HtL1MUH{ HtL1uO1 @1E1Lk/H3[]A\@H
G[]A\HHtH@HHt$H<$6H<HHtHu1HHHNfffff.HHtH@HHt$H<$H<HHtHu1HHHfffff.HHtHHf.
tKUSHHHHHt
H{ Ht
HH[]ff.USHHHHHtkvH{ Ht5HUHS HHt0t,@uJH[]HSH@HuH[]fDH{ HuH[]HHJ
HH5P|H)HHHH{0H5,|HHHC0HIHt5H<1H
I,Iv=fDf.HIHt5H>:1H
I,I&=fDf.H81IH
_HI I,<ff.USHHHHHtAH{ HtHH[]USHHHHHtXH{ HtH0YH[]AUATIUSHP;1HL t[SCutH{Ht
LEtH L9u1HH[]A\A]t\@Cu2tH{HtLtH{HtLt@H L9uDCu(u$t H{HtLYH L9uBfC u:tH{HtLEH{HtL@H L9ufCu(
u$t H{HtLH L9ufH{HtLH{HtLfpfDH L9[Cu uuft<@Cu"tH{HtLMDH L9ufCu(u$t H{HtLH L9uftl7f.H{HtLH
L9CuutH{HtLu[fCuHuD u@tH{HtL[%H{HtLf.H L9ufCu(u$ u tH{HtLH L9ufH{HtLH{HtLvfDH L9kCu
uuftT0f.H{HtL)H
L9tH{HtL5u@Cu:tH{HtL
H{HtL
@H L9uf.t<@tH{HtL}H L9ujf.C u"tH{HtLu?DH L9u*f.SHHGHt2H@HHHt@15CH[HW
HtHHHHuHt$JHH1HHT$uf.HWIHHH5HHD
H5MrH H5tHH5gtHH5`tHH51tHH5tHH5tH 1DHW HtH1fDH11HtxIDbfDffffffnfDAUATIUSHH/@t,H5sHA
t|H5rHp
tit H=#HAtDH#tKt(HHtHI}HtS1HE1HAH'HD[]A\A]DHuHE1[D]A\A]I} AHt1HE1BAHWIHHH5HHD
H5moH H5qHH5qHH5qHH5QqHH5:qHH5"qH 1DHW
HtH1fDH.1HtxID_fDffffffnfDHHtH@HHt$H<$H<HHtHu1HHHfffff.HHtH@HHt$H<$H<HHtHu1HHHfffff.
HHG Ht#H1\H@H@HH1\EHAWAVE1AUATUSH(HIAI<+<-
LHME)D$AAIcE1H$fIHM9kDtD;[uH$H;LLL$D\$LTLTD\$LL$uIA(Ht0@DE|$+AH(D[]A\A]A^A_LHMtE)D
$AAE1DkDt(H;LLL$LLLL$KIHM9uE1rIEHSuA!LD
>IAD$AMIMtE)AAY9fIAxf.IAD$fffff.SHHGHt2H@HHt@1:H[f.HW
HtHHHuHt$uAHH1HHt$uffff.SHHGHt2H@HHHt@1:H[HW
HtHHHHuHt$@HH1HHT$uf.SHHGHt2H@HHt@1x9H[f.HW
HtHHHuHt$U@HH1HHt$uffff.AWAVAUATUSHHLoHHIM3H{L}L9DuA8AtLLH,LHt\HHHtLfxaMLHjt`E1H[
]A\A]A^A_DAt:H
#jNA9H5H1#;H[]A\A]A^A_@H
iANwH1[]A\A]A^A_fDD7A>-u~tHLLHZmDH
QiA2NH
ZH51MHG:1H)1H)HHHHM(HH5lHHrH:t&tKt:!9t4t#
9HHMxHHMxeUSHHHtJH~LHH2HtAtiHR~gHcHHU)H[]fDHH0Hu
1H[]@HP~HcHHU@1tuff.AWAVAUATUS1HHtwLoIHMt|HMt$L9vVE<$AtLLH2u:AtLLH1u
L1HtHL1]HthH[]A\A]A^A_t>-
u~tHf.H5fnf.ATUSHHH4H@H@Lc0MtH}(>Lc8MtH}PrLc@MtH}xLcHMtHLcPMtHLcXMtHQLc`MtHLchMtH
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L1bD H{HbLuH{ Ht
LM1 QH{HJL-H{ Ht
LW1 H{HLH{ Ht

L1} H{HLH{ Ht
L1- H{HL=H{ Ht
Lgn1 mH{HjLH{ Ht
L51 4H{H2LH{ Ht
L1= H{HLMH{ Ht
Lw1H{ HfDH{ HBfDH{ HfDH{ HfDH{ H/fDH{ HgfDH{ HfDH{ HfDH{ Hfffff.HAUATLgxUSH-
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f#USHHHtRHH5`>H1Ht*H{H5`HkH3HCH[]HH5e`HCHCH[]ffffff.HHw
HGtOHHG(HHHHXHH0HHHGxf.HG(HHHGxHfffff.HHwHG
tGH(HG(H0HH4H`HHFHHHGxDHG(HHHGxHH`rHt
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AFVD$V2
D$H[H5)H=>21
#2XHH?HHpHPt
ru` H` fDf.H?g0f.f.H
1HA)B1H@ff.1fHHHff.ff.{ff.kff.HPHXHvfHHLDHH9t
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ffff.HATUStGHHA~51 D9t(HHIu[]A\H
A][1]A\Ht;SHHH5"H{yHH5g[@fffff.SHHH7H5^yD$tqHsL@HKH;HSLdSHtH~H[H
A
H1[H
Ao
D$H[DHGH@`ff.f.
 HpHhrRLHxLGLDHLDH)H)r1L9Lrf.uStDDptTfTH
HAhc 1H@pTTfD HHrRLHLGLDHLDH)H)r1L9Lrf.uStDDtTfTH
HAv1H@TTfDUSHHHH(,HH5,H[]fUSHHHH +H H(+H[]f
v1USHHHXHPsytDDXHHHH2+HHHHx(?HHHHI+1HH[]LDLDr1AN9NrzfXTTcTfTTfff.H$@H@H@H@H1
fH1fHd@Ht@Hht ATH5WUSHKH5<I2HHtjMte{HHt ID$E[HHt ID$ELhHpx[]A\fDH5HLH5L8H
AA[G1HH Hfffff.HHH!Hff.HH
Hfffff.HHH!Hff.H(t~ATUISHHH~~ZHuPHHt%MtHI$Ht1HtHU[]A\@HPf.DH(AWAVIAUATIUSHLMIHHHHH
tZMtAMtH@AMtH@AEMtHH@I$HtHH@HEH[]A\A]A^A_fDDHAWAVAUATUSHXHExMcM9t7H
8A31HX[]A\A]A^A_D@AHAAAH:JHH<HLLLDL$$LLHDLLDI9H
~AJ<1ADH
QA=1H
!A81MH5R LL$ LDLDTHHDTLLDLL H5HLD`ZLD$ DTLLL$MH4$HLLLDTLD
HFLHt$,LL$DTLLLD$ LHLLDTLH!LD$
AHD$@HD$HLLLD8LDHt8H|$HLDT$JHt&HD$8LD$I9wLL$L)DT$I9H$H5H{&H{}H5nH H
ZA1H
1AD1H|$HHDT$DT$f.HDT$E1~>Dd$HDD:8r\w"D:hrTwH@HRB4"@84w8HH4DuL, =AD9uDH
AAN1Ht$8H|$@LHt&HD$8LD$I9wLL$L)DT$I9H$H5H{jH{H5HMAnH
\1aH
vA.46H|$@DT$HDTT,HHHt$@DT$H
AAH|$@H<$
H$HxASH
AdfHA]H<$AH|$@DT$

DT$_DT$eHHDT$,H<$aAsofDAWAVIAUATDUSHAHuHuBD:xHhwjHpMN4DB(H[]A\A]A^A_@H
AWH1[]A\A]A^A_fDEH]EHDD$McJ4L$cHILDDHpHHhLD$(HD$DxHpAJLA9{DHD)IDOLIOL$L0L9$AIL
9AEULHEXE)EAE9r{tHcIAJ)ffHAIE1AHfAHH)B)B)B)B)B)B)BNE9w9HcIQA9yHcIQA9^HcIQA9CHcIQA9
(HcIQA9
HcIQA9HcIQA9HcIQA9HcIQ A9HcIQ
A9HcIQA9~oHcIQA9~XHcIQ
A9~AHcIQA9~*HcA9I~HcI@HpDxHh{fDHcAHqE)I0@HH9IHuAH
A0AH@H@HHHw@USHHHH{HkH[]USHHHH{
HtHHCHH{ HkHtHsHCH[]HGff.HG
HuHGfHAUATIUSHHHH9HtL9t=HH9tHI9t3HHHLH[]A\A]HfDHPHIUI9tHHH[]A\A]H0L9hH[]A\A]fff.HD$Hr
HtHL$1iHD$Hff.HD$H"HtHL$1iHD$HATUASH!HHt4HD1hHHHHa[]A\H
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Af[1]A\11iHA9uHHHSH1HtHHHH9HFH[ffffff.SH1HtH HHH9HFH[ffffff.XfH4@H``fH@HHXtH`fff.H@ f
fHHGH=HCHfffff.SHHt[DH[HSt*HHtHHtH3H[D1fff.HtHHtH1ffff.USHHHH,HH1tuHCH;EtHP
HEHHCPtSHH@rHHHHHH[]DH1[]ffffff.HHt'H@HH8HtHpHt<HH
A*_1HH
qA./1HHHtWHHH8HtuHpHtHH
AA1HH
A9C1HH
A=o1H1HfHHt1DHHt1DHGfDATUSHPH0_GDHIt@t;H1HTlHTunHCLHHP8HP[]A\DH
ABDkDHP[]A\fDG(HP1[]A\fDHHT$uHCH\$H~DHlHT$0H@8D$D$8H)D$ HD$@HT$HLD$ H
eA(
~\D$HHI$H
Amu\H
C(A7HHH-tC(eH
$C(AD5C(&@Hx
HL$Hc~D$HfDH
AwHgHHfSHPH0H 1GDu#Hcu!HCHL$HP@~D$HP[@HtHbHHHtuHCH$~$H4HHT$0H@@D$8)D$
HHD$@HT$HLD$ H
A(HDHHT.H
QAYH
&A:
ugH
C(AOHHH@C(uH
C(ADGCC(2fff.ATUSHPH0_DHu2Iu6HELHP@IHP[]A\@HP1[]A\HT$H4$2HH4HTuHEH,$~$H4HHT$0H
@@D$8)D$ HHD$@HT$HLD$ H
A(~YHHDIH
&~A:
1|H
}E(AH1I$FHHHHI$HE(I$zH
z}E(AD1HI$BHE(I$+f.AUATUSHXH0oDHBItItDIHTbHTuTHCLLHPHHX[]A\A]DH
|AB_HX[]A\A]fHHT$uHCH\$H~DLdHT$0H@HD$D$8H)D$ HD$@HT$HLD$ H
uA(l$HHIE;H
{G(A|r H
{AvBu_H
Z{C(A_HHH?C(0H
zC(ADC(ff.Hx HL$Hc{~D$HfDH

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$A(~|HD$kH
yyA7@H
NyAugH
yC(AwHHHxC(H
xC(ADoxC(g@USHHGHB`uI=~@=t9vbH
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xA*
1H[]fDHlD$t HydfDH
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!wAF
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"/1HH
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pRAH
pA
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HLH3uMu5HIuE1[L]A\A]A^fDLpfffff.Ht+H
HtDHHtHB1ffff.HtKUSHHHt&H.9}H0HtH@H[]H1[]1ffff.HtHGfD1ffff.ATIUHOSHWHwL@1H?Ht8I1Lx,L|9|t[]
A\H
hA
_[]A\ATUISHH HH(L1H8Ht8I1Lx,L9|t[]A\H
gA
[]A\AWAVAUATUSHG8Ht$HHLMHILLl$1^DLLHIx:IwHH4$9IH4$~iHPLuIcAOLLh:)L9|AEHD$H[]A\A]A^
A_f.H1[]A\A]A^A_HL$IEI9HDHH[]A\A]A^A_u,uH8f.HH(1ffff.HHt$1H8tfD1H(f.AWAVMAUATE1USEHHH|$
0Ht$8HT$ L$,HD$
E1IELl$EmA\$AHL$HDEH\$EAf.lA9vWAD8uuHT$H|$L6uHL$H|$0HQHH|$8HH[]A\A]A^A_DEEAEGdD9d$,
2L|$LH|$0LD$Lffff.H1HHt
fDHHHHATUHSHxIH5pd
H]d
HLEUHHxtH1[]A\H
)dA
AW[]A\ffff.ATUHSHIH5c
|Hc
HLTHHtH1[]A\H
cA

AXW[]A\ffff.HhHpHHHtHHHtD1ff.LT$D\$==uHGHD\$LT$`X?t1D{ff.f.Htt~fUSHHHqHhH5UbHpH5=bHhH{(
Hpxt
1HHHH{(bH{
 gH;H{RH{IH{@H@MH-m1HHH HH51HHHHHHPH5;aQH`H5#aRHxH5aTH H5`UHHHH5`[]Ykff.USHH1H
jJH5~`cwHHH(H,4@HH@0PHCPhHHXH8`~JHH@.H5H=@_HHC(HHC
HHH5_H~HsL@HKH;HSLHEH{4OoHHH= N#HHH=
NHH"HH2
HH HHyH5^@HH H@`BHH@H@C(@H C~|Htp(H@@HHHxRHH[]fDH
]A`
1DH
]A
AoH1HH[]H 'CH Hx
CDcH1HH[]@H
]A[f.H
\AX13H
\ArAoH5\Hs1)@H
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HLuH@[fHuHH\$HHTHLDH
)A(~QHD$aH
>WA
6ugH
WC(AgHHH3@C(H
VC(AD_C(@H
aVHA0B1H@1ffff.H
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H
 AI IHHHEHEII>A|IH8t3H@t)A-
tL[I@H`t.Hht$A1tLz>fDLLIHHLAHDHHEI4D8H[]A\A]A^A_DH}HH}PALLLL=L$@HAHLH1E1fDH}E1fD
LH=I@L(LH=LDIIfHH9HHATUHSHH@q<HIHI$HH6;HLH HHt
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&A2"mE1I7@L2HANH
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HHD1AlH5R1H\H5(HH5M1HzHD$H1j1E11HLL$ZY_HD$HtBHHH5G1Hm1H5C1H_H5H~-ATUISH11H

Ht4HL1jHHHH:[]A\H
1A
[]A\fDHtHPtH~u
1AUATIUSHH5H$~`H5L~MHPtS1L-!HH9Pv3+X1LL^~f.1H[]A\A]H5NL~H{t01L-!
HH9kvT+P1LL}H5LWG8u
xfHfG8tHXhATUISHhHtdHHtU/LtLu>ALHDP[1]A\[]A\fDLHHh1tLZuASHHH5n-
1H`HH`[fSHHH5qHHH[@SHHH5zHHH[@SHHH5VOH}S8HHHt5HH5SAHHH[ffff.SHHH5H[fAUATAUSHH
D$pqIHHHHHHH0HHt$HK8tFEtAu=gHCHB`u=t=B1HHHH;Ht@|HHh|A@%xHp@xHHIhHPH5TI$PI$XLI$`A
$hHAu{LD.PH
`H
u+HCHB`=y=trfH[]A\A]fDLiHAD.Pt1H[]A\A]D
H[]A\A]@T$HH[]A\A]ft$LHA.1H[]A\A]fDHH5H(HH8H5H(H1H(lH8^LOAD.PHZ5DHHtHHt$HAG8uHH
Du7HWHA`u&=t=~
tfDfDLyHApmDDHfDHG8D$uatWHHHH H8t,LAh(D$HfHfDG8HHHH8HH0HttHH8BDB
tV9tW1D<tHHH9uLBHA /DHDHAufff.Hw8u% t>H@`t%
uD$AfDD$A|LR(D$Hf.USHHH]tH{uH[]L1HAn62<H1[]toSHH8u(uH[tt
t#H[fDfDtuHHHtHHtaH6XDL!Ag,/HD$(D$"ffffff.HGHA`uw=tn=~gu_AVAUATUSHH O8 uO11H2H
[]A\A]A^fDftDHHHtiu_hu{LAemHDD\G8uztiHHtu6D$A|LDDPHUD$t
ut7(LAoeH1uD$AmttHU?D$AB]HHTHtHLHL@IH|$tS1DHH;l$s?HD$ALLH4hAWtH9l$vHfDDG8t@fSHHh
H5;HhHp[G8u SH H8H5|H8[G8 u)HHpt
tHGHB`u=~=tfDHw8HtNtDA<wGuCLAn-
m1Hf.HtQwH9sHfffff.AWAVIAUATAUSIAH(uE1AAEIHHHD$1HD$@u\HI(H9tgAFtHvqIAVDHL$HBJHt@D
tIWHB`utH(1[]A\A]A^A_H([]A\A]A^A_@HH
1H)fHGHI`uZ==?fD1@|tAtD1@u#?t<u@
t1tO8tf.1@?u1@ufD?u1@ufD1@LfAWAVIAUATUSHxHL.T$HnHL$HLD$@HDL$THT$(HD$H|$HHH<HD$
XHH5=FHHD$HHA]HEfHE}HIfAEEL9D$L%1E1M%DPHDhHD$8@O,:L)1H1fDH8HL9w9u@D$6INHA`Ht
$HHHxt$()t HHH+T$HHHw,D$`,@!@@t HtILxLMy@XLH
I(H+AV81M0LL@MHHv9A]HEfHv#E}HMUfAEEL9LAMn2LH|$D\$(HD$hEu|$P1@HL$8H|$LT$0DD$,LL$
EHLL$ DD$,LT$0tJ@D$taIVHB`uHHD$hH|$HHH&f1 fLA[n/LH|$H5Hx1[]A\A]A^A_eAL$PtL7A{nLBH(EH|$-
HD$X2HM\$TH-j 1HH8H9tkH}tut$tD|$LDgtDLUuLLA@APHx1[]A\A]A^A_H|$@HD$HH|$H8t
HD$@H|$XH8Hx[]A\A]A^A_fDAWAVLAUATUSJHD[EtDSEuvMMICwwHH)HHZ1L<Aw{t7Av8IGIEGHt;H
MLHL[]A\A]A^A_DH[]A\A]A^A_@HSMAUHLCLCZYH[]A\A]A^A_f.AWAVAUATIUSHHHDL$LIL,$tEIME
1fIL9,$t.MMHDLuH1[]A\A]A^A_D$L-=1HMu+H[]A\A]A^A_f.I8H(M9tIE0HtAmtLuDu1fAUATIUSAHt3
t+t#IUHB`uA 1H[]A\A]AWAVMAUATIUSHLH(ID$@QDL$MLLHB`L=1HD$H1I8HD$I9&AwHL$tS8IG(IEG
HtMLLHtRuHD$DL30LA/DPH1H([]A\A]A^A_fDH
1I8I9tpAwL$HtK8IG(IEG
HtMLLHuHTHt1HAu8HH%@Lt,Uf.A7L#@LAcDPHDDAWAVAUATIUSHIHHHTHL
LD$(LL$HecHcL=lM$4LEHMP1MLLLbHH1LHbHD$@1HHHD$ejSA
LLLHHLQLSLL$0H L$H$ILLLf1LHkbA$THT$
Ht$H"eHt$1H+e1HLWAHIHMHH\$8HED$L11HD$ZHt$HHdBHt$HT$8H(H9\$8$AxH<$@L@L}LLH-
aHHD[]A\A]A^A_AAD8lL=EIH1H}HAL$8H$tsHa~VHHHHH VH HVH96H)HH&zDBHRHIL H
H9H)H)HH%cA$L!DPL2AE1@Ht$H|$(HE1kKAgLAL/L>fDI$l~lxp@LuL=4AAL[DPLAfL1ADPL<H$AE1L$H
$LADPLfDH$A1E1L$H$4@AE1L$fLA,DPLAE1fDAAA4L(A
LPL3`USHHHH/u3LADPH1H[]fDHtHHHHHtHitfDfDH8ATUHS1HHtu0LQA7DPH1[]A\DHtHt1HtL8LHLH9q
HaHyQmfffff.USHHHHpu4LMAQD%PH1H[]HtHtHt@fDHATUHSHHu-
LAkDPHY~1[]A\fH3tH"tHa~tLL>LHH@{H~kH~[wfDfD?AVAUIATUISHxHHA1
fDu(x,A9H@P
tH3HT$HLLauEL>ADPL|1H[]A\A]A^f.fDLtHT$H4$LAtL}tf.HxH[]A\A]A^fDAVAUATUSH?HHD(IIHHLA1

Du(x,A9H$@P tHHT$HLs
Lt}LtlLt[1H|$u@HH9\$H$L,XtLuA AL[DPL{1H[]A\A]A^DHH[]A\A]A^L{tL{uAAUATIUSHHcC<HHHHHx-
D(H5LHPHAHPHHLHpHMLXuHHtHxE1#Lt&HLLHPJALHDPyH1[]A\A]HoHP}LXMDYH[]A\A]H[]A\A]HG
H@`u$f.ATUHSHHHT$+
HIu2LADPH~x1H[]A\HS~tHB~tHT$LHHtHytHyy@f.Ht@@uAWAVAUATUSHHHHtH}u<A8LDPHw1H[]A\A
]A^A_H~tHE1:}L|$ucHXDY1HIAHcLH}LL{D9AHXA9|Hwt|H|tkH`Htj1]AAWLl$HcHLztH`L&D9t'A_fDAFA
MH"wtHwuAeqffff.HHHHtH uSUSHHt3HH|u9LHA{DPuH1[]@fD1H|tH[]f.HHHtH
uhUSHHHH*|tHzu=LADPHt1H[]fDHHH
}tHautHDf.AVAUATUHSHqIMtMHN{tHyu9ALDPHs1[]A\A]A^f.HytLA~HE1!HpHztAE9t"DLHuAlH@tt1H}z
uA;HttEurUSHHHH$zu0LHADPrH1[]1HytH[]fffff.H(tHt
USHHHHyu6LgADPH"r1H[]f1HAytfDUSHHHHyt1Hxu3LHADPqH1[]fDH[]fff.ATUHS1HHHTHt+|$+Hdxt`
HwtOHvt>Dd$D;d$}uDAD9d$eDH
xuAALDPHp1H[]A\ALH`qtHTquA#ATUHSDH-
HmwtHvu0L9A<DPHo1[]A\DHutHwtAt1HvtHptHpqEtmffffff.AVAUATUHSH3HH
HDHDZvtHtu5L&ADPHn1H []A\A]A^fHttHTHtHMHDfEL@HDMHtL1HILvAePH1nHH@H|$H58~1
E1H|$t3HD$HO,$B4`t.HD$F$(fEBALeIL9d$wLARDPHlm1DAHttHt$LHuu)LSAmDPHmHH|$H5xL@fDHmtH
muCALDAHr9I1M&LfHfff.USHHtpHH,Hssu_LPADPH1
lHH5#HHH[]fHqtHHH4tmHl]yfAVAUATUISHHHDHDHD$tL1MHHL$HTLDAH|$tHtr?L"APHj1H[]A\A]
A^3LHM{H|$d@LxMPLl$ 1L$1ALLHMHAHKHLfD$
H!%tADHJHDHL)HHT$-Ht$HLl$HI
HHD$tHLH{)u4LHA$DPiHLx1H|$LftH|$3tHLD1@HHD$HHtaHH5=0Ht$H|$H"1PeHHA4LDHD$H -LAluLl$M
AlI(HtH8HHIpHpHtlHHHzHH9s*HAHEI~H9IpH)I9xL4Hu30u*LntLmAtLDDH[]A\A]A^fAIL{ZfA^L[D:fAkL;f
L!AD(HfHAPALDPHfL~gHHff.ATUSHIHt$HLiAH8HT$HH=w{H)H)HLHFHD$mtHt$HLlALDPH1~eH[]A\HX
PHH@x@H/HHHXHT$HHTH
HT$H<$1}ff.AWAVAUATUSH8HHD$
HD$(8KLXHHMHH%0D$E1E1H$Hx@HIuH;$AXLHH$)HVktHiLAdDHPcH81[]A\A]A^A_tgH$HH?x@HItufH
9$t`HE1HKDH8[]A\A]A^A_@HH$HHXuHE1E1@1HAD+tFAEH9`HrDit'MbD9tHTf.LDhLcHD$H%E1H$WAN
LvAL{D^fH#h.T$Ht9H
HHjtV1H'itCHbtHt$HeALD@AwLDfHHHXHPitDHh#AmL]D@Hg[D$HtH4$HT$(Hg'HaHaHt$HdHaH5dH+D$|
$Hu~HHthHE1HjjLPLL$HHHL$0H HT$ LHggD$E1HE1HjjLLL$@HHL$0H
1kCfltaUSHH1HHftHreu6LADkPHZ_1H[]fDH0`thff.AWAVAUATIUSIHHHHHHtGHtHu=LADPLE1^HD[]A\A
]A^A_@ID$HI<$HHID$I<$H9H9AH9L<HHI\$M<$AuqIHID$HLI$nACALP2LE1]@AL~Q/LE1]@AL~AQ/Ll]
HH~uEHHHFHwU8u}HHfDL1~AnE2\1HAL}E/\1HAATUSHH8HH~unLA<I$(t,L}}HDGP>\[]A\H5Q}?/XI$(HH
(tv[]A\f.L}H1A5nG2[[]A\L|H1A/DGP[[]A\AB)DAWAVAUATUSHHHFHtL.L`AUI9t=Lv|ASnD2H1/[H[]A\A]A^
A_fDLMuHHFMHH5 |_H8H0LH5{`LI8HH8HAL0soAEt
AEAtECD&fBD!@fDLa{AZD2Zf.IEHyLHHDITHTH)H)DHLzAcDDPHYAEECD&BD!Mffff.USHHHHHtVHH
6t5H=taH}xH[]LQzHA~nH(DYDH[]DLzHAnHnDXDH[]DLyHAnH2XH1[]@H@u5HWHA`uTt>Mu,HLay
AnInX1HH~t@L*yAnI2W1@f.H~uTHf.@AVAUMATUISH(IHtLHnHHH5xxHHHfP[]A\A]A^H1@1HHHI$MA
VMD$H ZY[]A\A]A^fDf.H5wHHHHtI9l$siLwHAD4PuV[1]A\A]A^f.LwAn4nH<V1DI4$HHI,$I)l$USHHHtH
HHLMlLFHLH&DHH9H)HHtHuLHTHtHAHH5v8i|$H5uv9HHT$Ht$ Lt#0T>fT8T$@HHH[]f.LuHA
n52T1H[]LuHA0nF(lT1H[]LuHA
nFn<T1H[]LQuA<DFPHT4HHH|H|HxHH)H)HT$T>T8T$AUATIUSHHtjHHvHv&HHJHHNfHKH9uHuoA]Lztn
C2L19SH[]A\A]@LItLAPnCnSH[]A\A]BLnHHLkI9uHH5s`I$H5sLaHI$AdHHtiL;kH3LJL+L)kIIHpLHt[HxA$
L9tiA$A|uIL7sDCPL1QAiA$A$tHuHHrLMHpI$Hpt IHHxL~rADCPL9Q@AUATUSHHHFHv%H
HzH>HxfHH~vft4ALra2HP1H[]A\A]HJjHHHHHNtHJHHHHFuuLHMHIt}fD1LL9`tPLu9|AXfDLaqA`/HP1GDH
X1ALqgu$HH8x(@tx$t
ffff.HHuH@HHFHvBHHDHHHHFu'fAuOt5HLApAd2N1HLpAtd/N1HAVAUATUSHH HH@Ht
Ht4LoADPHpN1H []A\A]A^HNA HH>LaD/LGLfLfAEMHD$rfD9AtLHT$HtHHDHt*HT$

A9uD@fF9,b5IL9uA*LnHl/MH 1[]A\A]A^ffD9A:uIvGLafI9t6AALqnH22MH
1[]A\A]A^LoMHFKD%HtHOHILLHeD$LHH&HL8fDAEDDHHH@fDHH@LbmAN2/HLLD$AHL'mAsLD$YD
$rAUATUSHHHVHvHLjfI9t3LlAg2H1KH[]A\A]HHFLaHHH5la{MHHtHlLLGHH\LvH
HFHuWt%tHLkAn/J1HLkAn2oJ1HHv:HH
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o@ Do@0To@@dLiAr/GHH1[]fDHzH/LL$HLLD$IAHtM ff.I@HHtIfDLL$HLLD$IAHtM
ff.LOHMtd1uHHH8I9tKDD9uD@AtD9uHt0H9f.HH8L9t09uf.1fff.HOHHt1fH@H8H9uf.AWAVMAUATMUSIH
(HHL$Ht
AD$81@1HIt]pLtLtAGuQIG(Ht.HAw0MMLHT$,Rt$xHL$(H
~*H([]A\A]A^A_fDAOft$LgAn+LE1fLagAn+nLE1AWAVAUATUSHhLIDL$LD$8%HL$0H$D$A%I1D$HD$X
1HDHDPHD$ HDLHD(HHA7Aw t$8t$PDLLPLD8LHL$@H
hA7H<$LH<$JHT$XHtHt$PH<$LH<$qED$tAGAGIGHtA7MG
DHL$PLHH8I9ML$DLHDPHDXIAwtL$tAGtT$IGHALSeD*PLCHh1[]A\A]A^A_Hh[]A\A]A^A_@t$LLeA*
LUCAff.AUATIUS1IHH~Ht.@s1LHt+SHH8I9l$PwH[]A\A]fDHH8I9l$wH[]A\A]AVAUL5MdATU1SHGIHL%
Ht fL9ct2HH8H9wI]HH5dL[]A\A]A^mrDH{
ILHH8OrH{JL>rIEH9rHFHuAWAVIAUATHcUSHH4HH}H)H8>HI1HtyHEIGHMHtcE11E1L
L5<cfII8I9s4ILEMM9HuLt<II8HC I9HC0rH[]A\A]A^A_Ix .LLLL=L$0LHC Ix0c=H{ HC0HMLL$H
>fDL1wfHH@11HHHDv+/tvT3tvet3tu&sw
svt1@tt1#tr)w1uAWAVIAUATAUSH5aIHMHLLpH5haHoHHHLHLHD$PALL{HKLuM@HEu{L##u/I1D
HfDH5`H<oH5`H(o1H[]A\A]A^A_DhuAwfH5q`HnH5]`HnH1[]A\A]A^A_IIH#`HH4H)HnH%IIHH)H
H1HH(H
$H@@
fPHHH
6@@fD HHHX Hh0IfDHuMt1AWAVMAUATAUSMHHL@u@uS I1Ht?1H[]A\A]A^A_fDuw
tDIIH^HH4H)HmHtIIHH)H1fPHT$@H@@
@DhHP(HT$HHhL`fLp
HP0IfAWAVIAUATAUSH5^IHMHLLlH5]H~lHHHLHLHD$PALL{HKLuM@HEu{Lu/UI11DBHfH5Q]Hk
H5=]Hk1H[]A\A]A^A_DuAwfH5\H\kH5\HHkH1[]A\A]A^A_IIH\HH4H)H~kH%IIHH)H
H1HH(H
H@@
fPHHH
@fD
 HX
HHHh0IUSHHHFHtfH>HHHFH>H9wLHH)HHFHH;HHVuJH[]@L[HA3P29H1[]AAL{[HQ(9H1[]A:AUATUSH
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[fDLUHAD>PD$3D$H[fDf.SHH HVHvHHzfH9t0LaUA$ng2Ht31H [@HHHHHFHL$H|$tt
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fDHt$1HuLTA?n?2HD$2D$zfff.uHt
AWAVAVAUATUSHHHHFHL&A$@IL$HHHHN@H[]A\A]A^A_f.KT,L)HXHFHH50MHXLeIvHEMl$fI9AfD
LRnA2H01H[]A\A]A^A_fHvEl$HfAEL9>Ad1HHXIAD$IL$MefI9I)HL4tLl$VfL9t$HXH6tcMItIAIINfI9r.I)HL4t
"1LHL$mWHIuAALwWLQADAPH/1HDWALRQAqAAPHe/1IMHPLeHEuH[]A\A]A^A_H`H50HT$Ht$1LHH`t
L9d$tAffff.HHt
H u

DHHtH u`AUATUSHHHFHvHHxfH9t;AL&Pn72H?.1H[]A\A]ffDHHLbHHFvLHH)HHttHtHH9sAzHH5O]LH5
O1II]HNIIHL)HItILOAD7PH-
1AWAVIAUATUSH(H|$e*HtpIFHv'IH*HZIFIf@uH9vWALNaH|$2,H(1[]A\A]A^A_H([]A\A]A^A_@L|$H+H)IF
IL)IIXLWHAtHtkH\$@HD$HE1fD$fE-@AE9t
DLH9XuHL$EHXHtHD$HuAIFHtGIH
HIFIH9wH)HHIIFA/L:M`A(Du
HFHtHL@
I9t0LLHANn<2*1H@HJHMHHFHu'@ut@HH9t
ufDf.AWAVAUATUSH8t
HHHu_HnHvL>LeAfI9tvAxLK2HE1)H8D[]A\A]A^A_DLKArDPE1)fAI/HFHT$(HHt$ 2{HH@HHL$Hft
MMtIEgHUfAHEqEOIOHH$fAEI9NHHE1HD$HHDHTLHTHHHH4$LHfD%AsAHHEeHEfAHEEMIEHH$f
AEL9L)MN,0tvEuHftHD9HLHTE1DHHL$(HT$ ADHaE1-
ADLyIAmH'E1ALGIl/HE1]'YL!IAl/H4'0ALHA2/H'LHA:PH&DAWAVAUATUSHhHHHHLvHIvL>IFA/fH9AL
2Hf2HE1H&HLL.L'L'L&Ht$0L;)L'qLD$0HLLHtH At fDAHhD[]A\A]A^A_DK7HMoHFHv MfI9vAHH1
WH$H0H<$HDHHD(^LD$H<$11Hb~-HD$@H<$HT$(MLHHD$h~H|$(
tfH<$jH|$ALcFDfPH|$E1H<$+H|ALFAH<$H|$H|$Kt%
AAu]fAufAunAGHff9t~LEALf/H#0AeLE4f/HE1#L_EA4tf/Hr#H8Iw1HH$DbH9$_AG
AOMN$IGEHD$fAEM9r"M)J8tLrIAH9r H)H t)LDAVf2H"=1HLHT~}HL$H9H)H=X HHT$LHHLt`1HLHD$
'tXL)tL&(u<L,ALCDfPH"oAp\L$)tH50 L*tHPH0L=*sHHT$8LH8HCK1L(4LI'+L(tL'uL+A3LH(tL!t<$te3L
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EL@ADBPHDDDH~uHHDL@HAn:21H@HH~uEuHLY@An8/o1HL)@An82?1HAWAVAUATUSHhHD$X
HFHHHHHPfH9HtH)HHUHuxHDQHLafAEL9oL)O4<HHZHDXHl$
HDLDE1HD$HMHD$(HD$`HD$0HDVHD8HE&HAtHL$HLHH|$XHa1PHIH|$XNHHt$(IL|$X~HEIxu
xD$Ix@FIHD$HH8x@FL9jHl$
IH|$X&HLLeLpBHUHQHuHJfH96H|H)HHMH}MNHLFH98H)EI4t3HHLFH9H)I4D9vHAH9HHLL)E1LHHPD$
PjtpH HDMHTX$HHh[]A\A]A^A_fL<A'n2H1AL<n2HH|$XL1fDHt
H@tLL$E11HLHUlnt
1tEL|$XkA+I9SiMb99E+hD9#A'D9@HxH
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DPH1@AHt$8L$@HfLVVL@HHDHHL@EHHDXHT@Ht$0HHt$HH|$X']txH|$X\teHt$@H|$0L8A=nPH
1AAHl$
L|YHt@H|$0Le8AnDPHxASAKH|$0HPAa|DH~uhfL7HAl21H@HUSHHHHu4L}7A*DPH1H[]HctHRtHHHH
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idtwMtXIf9
L:LLLE1HH9\$_LtL{uoALJ3D
PLc1H[]A\A]A^A_H[]A\A]A^A_fDfAAUSHHxt=Hxt1#Ht;1Ht(xH[]f.Li2HADP|H1[]THWHA`utMuoUSHHHHQ
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DLq0HADP1H[]A\HHUSHHHHxu4L/A
DPH1H[]HtHtHHHHLtHtHdfffff.HXUSHHHHu3L/A6DPH'
1H[]fDHtH5tHXHHpt1HsH
cfffff.HH8x(@tq@$=u\=tUUSHHHHouSL-ASDPH1H[]fDfD1H tfffff.HHt|USHHHHu2LC-
HAcDPVH1[]D1HytH[]ffffff.USHHHGHB`u6=~-=t&H+Hu=A{DAqL,DcPH
1H[]Hst3HtHTtfAUATIUSHHHHH3LJt6Lt%HLfAL+DPH 1H[]A\A]t
11uAfHtH[]A\A]3LtL%AXfHhHIHt$HrHHt$HLqtL L*ADPHLkH|$H5e*81@HL0LE

L*APHLj1fAL)A;H|$H5)7HHLHL@"DHHAUATUSHHHxHH,HtH@
u<AL)DePH(1Hx[]A\A]fDHtHt$@HB
tHT$(rH
t1H uH
[HH
8HHT$HHH8HCH1HH@z
1`H\
HHT$@H 1HHt$HL$X@HHt$XHT$H
tHD$H9D$t)AAALC'/HQtH@tHT$HtHHT$hHt$Ht-Ht$hHT$ Hv tHD$ H9D$t"AAL&HtHt$PHtHT$0
HetHD$PH+D$@HD$` H=RHD$PIHH1
WHfgMIH<>11MHLALDPHL(HT$`Ht$0LVG~uHt$`HD$PAAHH=rw#HT$8HJtHD$0H;D$8tdAKL%DHeP1L
\LfgA;A3LH%AA' H+D$PH9D$(uHBtH6tUSH 00H8H$H* D$ HD$H0*HD$H0*HD$HH8@v
H8[]HHt$HH
uL\$AnDPHo1ff.USHHH t_tH[]*H^ urAL#HDPH1[]Dt*H
tHuGAHyH{i;fHtHAtff.USHH)HHOu3L"ADPH1H[]fDHtHtHtDG\fff.Gdfff.Wd1u 1\fff.O\1u
WH1ff.GHG\GdGtGdG`USHHLE!wCdt{Ht4CdCHt!{|tHH[]VfDH[]fAWAVAUATUSHH It$,wtTIhHHD$
AFlLL IHa AFHg
IhHWAF8eH<0L%0L=0HD$H0H$HLDHTHAFLH- L- HLHTO)A{Lj DJPLK1AnlHQHD$
HtL$,LH[]A\A]A^A_uAF\AF`H|$ D$,AF8t)IHLHD$
IFAH@`%==uD$,AhLrDaLSfDAFLAFPAvPLAAFPw]IcDLfAFH1@EVdEtA~HA,fAFLHDPHLHTLHD0H
HD$T|$DLAFLAFPAvPLAAFPwZHcDHDAFLHtAF8: LLH$AFL~fDA~dtA~HAiLJPLH IFHB`==AfDzE11
LAuILTAIILALuA`t=L1IHt
H
uAFhIhAFHAFLHIHAF8H0L%x0L=10HD$H0H$@IH|$0gTIFT$DLHt$0HPh2HD$HHtHt$0L`IFT$DLHt$0HPp)
H|$0DIFH@`CEFxE6AV\#lcLPx'AFLAFPAFHAFTIhHD$HH'AV8H0L=u0L%0HD$H0HD$AFhtAAFhHL$HHl$
PL--AFTHHLDHL$LMIH!LIAD`PLl1AV\#t
L@Hi0L=r0L%0HD$H0HD$DLfHCH@`HD$HHHHT$PHD$XHHAH!CTHCH@`6HHtHezMtC8
HAt$DHHD$tqHHHL$H(HD$0H9D$0-
HCH@`HH(HCTH4$HIWfCTCXsXHACXuIcDLHCIH@`H`HHPHCHH@`CT5@
LIHDLIHDLfDE^dEtA~HAA$IHHD$ LAF\#IFHfHt$HfDHAAnDCdIt
{HALGDI1mCdIt
{HQA@Avdtt$LAaPL_H
`ABayk1IFH@`LjCTUHHHHHcHL$0H+WHT$8IHL$0HT$8H9r
HuIAeL(H|$0AT(H|$0ENdEtA~H(AMy[FHHA|t$@H0GHtIAL*DaL1IAyLD]H|$0AAH]LHA[`/I1O1HfDwdfff.Gl
fff.GlPEGlfffff.1tG8t1\.u1@tKG8u4G\tM.w.t\SH^tG[t'DG\.v.u!\.t[fGHGdG\f.1ffDSG(HH111~C([ffff.WH1t?Ht.t$
G8W\t 1fDH1Ht 1\$ftG81!AWAVIAUATUSHHHLPMtA4$1LAIHIGH@`tHHJ
@HH9
8tAHrI
HHOAO<AI:=LXLPH7MtLLHlHIGH@`t0IHHHkHL&HD$A`LD$,^H|$D$,HD$HHHHHHAHEE1E1HD$HD$8
HD$ 2AU8=D9@Lt$8AH|$OA9L;t$|H|$DO1HLIGRuIGHT$
HLH|$uIWIH@B`CA9E0bA9E,HD$NfD1L$uR1*fDALDPLHH[]A\A]A^A_L5IHIGH@`AE11
LAgLA_PL1\=tAHL0AI0MPLLNAtAIP M0t?HA AALLD1
LAl=zAU4D9HD$]MH|$D$,u'IGHT$8HH=0ACAt!IGHT$8HH=0HAHALt|IHHtiIGH@`uI@EKA~9E1IDHK0HA
E9u1HvtHALAPL1AL_DALIAPLH|$H5I1=lLADPLdCE11HL1H`"A`AUAT1USHH(HHHH{MAHxHHBANxSH
KH@`t~HH8Htk}9ztcAVDL
/Hb'L
AE/HE19HD[]A\A]HHHt
~H}uH9tq==}@IHHx@I9t+L$

Ak/HIfHAH8HD[]A\A]fDA<L L
At/HAWAVAUATIUSHLxMHl$1L$IAHHHIMHLAHHIAI!%tDIVLDII)IHpHLH5qHH$(H<$HD$HIH5qxHIH$
H5N|HHIHHL$ILLHHAHD$H$AMfDLATPHl$L$1E1%E1HD$H$HLHH<$HnHH|$HULhHD[]A\A]A^A_L)A`
D(LE1HDHE1_LAe(LLE1HDHE1LAlDPLE1HDHLiAtAPLE1@L9ADPLHDHufDATUISHHHHLHD$
Ht+H HT$LH)HHu4LHA<DPH1[]A\D1HT$s,ubtt 1fLH[]A\@HHDHBHH)r19H0rDAWAVAUATUSHH8HH8@
%HSHHIn1H}HIKH5l HILk~ LAL#DPHE1L|H LL
1H8[]A\A]A^A_@LA{J(H$1ALAkfHItHD(LHi]LNADPH#@L!AAPH1DH LH~H
LHaH\$HT$LHDLIALH\$0HT$A LLHD$Hj~o0Lt7H|$vLtHT$HLu9AALALLzHLH
ffff.AVAUATUISHHHH8huU@A@U@@ !H[]A\A]A^fDkuHH
HHHH
HHHHH1H[]A\A]A^HH$AHHQiHI;=H2H5+0
HH H}.eE@;L?ALDPH#E1HHD$LML@HHA6H>HIA1LHHH?/LH-
ALDPH\1LxHIHe~~Lt$1A0HLLcf~_Ht$HLot H4$A0HLL3feLTAwPH)DL)APHHH0
LvfDHHD$HHHHI1HHH|4H|$H5ZLf=1HLTH<$
PpHT$LIHcAL!DPHDHHD$Ht.OpHT$LIHc5LADPH@LADPH19DHt$LCHLCANPHLA
DPH|LAAPHLLA9DPHLA@AHPH|$H5`Z1?;Zf.AL3AtfHHt$NHH5HHH5HaHHH+LAAPHHt$HL{tHH|$H5[ZL
9:Ht$H<$MH:LATDPH{bLr;~LNAHT$H4$A0HHE1#HHH0ATUISHGHHB`u=~=H1Ht
HHLH1xHtOHCHB`u9=t0=~)HHHR tk[]A\@HpHt|HxLNA
LDPHLiA
mHtLA
H &5ffff.ufLHABP;1H@SHOHHP`G\u. ~ut.wCH
HcH.H
|HcH<L5HA
1[@'wHHcHTHH8@>
:;d\HHC(NSHHH 1[DZxuC\ [ffC\[ftA9C\[C\[fC\)[f.nDH;H8@ ~#PC\[fMC\[fTC\[fC\
[fu~,Ht"HHPtaDHH8z @TC\[fDfDfDEu
G\'[ffG\&[ftx
hhNdRu-t m
tKC\[CG\-[C\
[~
@P@SHOHHP`G\u tD.H
THcH`tfC\[f0HHcHttC\[C\[fHH[C\[Dd[@uC\[:cC\.[HtHG[DH1HC\rW[mHC\[L HADWPl1[C\
[ftDE7HH
C\[DHHD@G\[fDuG\0[d-
C\+[Dh3GDALHDVPe1[AG\/[f.\/w:G\HHcHtt1rDf.HGH@`ttGxqHGGDH@`tH{1tHffff.G\$YH5HcHHW0Hf.HQ
_0Hf.HQ`0Hf.H!U0Hf.HX0Hf.HGH@`H\0HDHY0HCf.H[0Hf.HyV0Hf.HDLHAP1H@HiU08fff.\-G\HHcH@f.H
Nf.f.1?HDff.@f.1ffff.HFHHv%H>HOHHHHHNtDGHL9s6LWHHA21HHOL)AHFHNLs9AuwEt!wA@0tQDL1f
L0HLHwH0DH|1H|0HxHH)H)DHHHLw0DL1L0HAWAVAAUATUSHHXHFHD$0HHHHD2HzHNH>fA}ufAB
HHAHoBE1oG@HHX HFHH HFHXD#HL9GHL)I
N#HFLHyIRHHPHHVQIREjHHPHHVEHD$@HD$HHL$0Ht$@E1AHLT$<7xHT$0AH3_HMLT$EH@`=T=IE
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jf.ALq2HH|$0H51HX[]A\A]A^A_DAL
R0I MAH3JL3GI umIIMAH3OL3GI
uXHZ"H"AHFH;@LA,q/HdCHHfDLAq2HHtARHfH9uIREHFHD$HHHT$@HHMEH@`ATjDAcDASE1AHT$0
HLT$1LT$HEHB`u=~=y}HHHwHPiHqPLT$1HD$8D$,HT$,LLD$8HHcD$,HLT$HAHD$8HqMHt
L9PRHH;xLT$
HHHLHLLT$9E>LAkqFHEjLhAq/HL?AUq/HHMtoL;PufHXLHLTHLHLLT5LAnq/H'HPHUEHF`~xtpH
LH<@HD9LAXq/H}\MLPtHXHLHHLAEq/H* HHLT$1HHLT$LZA3DqPHHLTLTLAq

HvUH|$8H5kHHD$8YHH@DLAb/HHL$0E1E1HLT$4HLT$J1EHE11ADHHHT$0G5sHUH@`u>t4~,HPBHEHH
P
$H|$0H5:HHmurLAWq/HE1111H*bHHHPHHpm<HDHHLAq/H_>E==AL1HHLT$qff.AWAVIAUATUSHHHw
HH+HUIGHA`u~HwZL#A5Ho2E11L)H5bJ0HHH[]A\A]A^A_fIqHHH qH HqI7HpHIwrH9iHQqHHHHH qIIGH
H9H|$
E1H|$H|$(H|$H|$0H|L,HtH)1IGHL$ M/(HI'L9l$ GHEHB`u=t=LHP:IGIHwHv4IHqHHHH qIIGH
H9GA=LpNfDH-IH
HIGI
DL)HA+AoPE11fIGHD$(I7HHPHNfH9H4HL$0HL$H)E1MI7Ht$AIWE1HHD$8*$E1IHT$(MLHA0H|$(H5Oce
HHAXt Ek2AL HADo(nE11LHAE
o*@1LHAKo21LHAiAoP1bH|$(H5W_1EL?HAVo21H1HHHHEHItHhtfLAoPH1E1;1E1gLHAo1}Ht$0LHHUH
A`HHT$0H$HpHHHHHEHB`uv=tm=~fHH@HkuG1E11HH8R PXLAo/1E1`ALTffff.AVAUATUISfHH H0
HGHB`u=t=ID$HtI<$HD/L9s;A Li2H'1H []A\A]A^LwL)H5bID$K.I$HPMHPHX}HCH@`0IDHvIHPfH9A
:GDHD$;HPH5 XHHpH5 HPHX#ID$HpHI$H*H9LjH)H58ID$IT-I$HpHHpHxIT$HvI$HfH9A L$DA
DHLLHHPtLXTfLA DiPHHH)HH4IT$1HL$HD$I4$Ht$S*L$A hiPH[fLHyFI|$HSHHHA`=t]=~V1hfH*uL}A
AiPHA HHLHHpGHxHH)E1H4HLHLIT$A@I4$HtHHD"t!HT$E11A@H(uH|$H5 *1H|$H5
H)LfA iPH1fAWAVAUATIUSHH8HvHD$HHHHnHD0HHHkHR`AfDA~
AE1E1E1HzHHHHkfAD?A2f=H91I$H1HL$hHHAB
LIHGHtAID$HB`u=~=uI$LDHLDHILDH$=H$LDI1LDHH$H5Z
HI$HP!I$H5H^
HPHXHHLDHPIHPHH9kL$H3HzH3H{EI$LLt
H.HH)HHSDhL`HXID$LA@`Lt$ ==HvHfH9qAu
FHv:DHHnHHE1E1HkE1fAEDH9A$
L3n2LH|$H5
1H8[]A\A]A^A_DHvHHD@HHNAHHKtDxHnL9rLh L)EHkKL=HfDEt3I$t7HP@Af
3DZfD=t=~Aa
L3AnPLHHHT$(HL$ HL$H3E1HCA LLHT$E11A L#+I$E1IHHPHXLtL$ I$HPID$HB`==LHH~HcIjISH
QMA
HHPLPAWnBH I$H|$H5
HX@L]LA
nPLTLiA
DnPL+ATUHSHFHtHH1HQHHP@HSt2LA
I2Hn1[]A\HwA
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HCHHP 1wHR1>HHH8HH1HtHPHCHHP HCH@`H~[MRyG;1if.4RHEG15fDf.ATUSH HH8h @uH
[]A\D`HHH3Ht$H)Htd@t]AAtH|$AtHHuLA(DPH1eLyAH(H
1[]A\HHHVL+A0(HDDA!L{fAWAVIAUATIUSHXHH.HD$8H^H8HDbIEAHAHtFIH8@ DupEukDLAx
L;d@A AAE&IH8@ DtIt5LA
@m2L>E1L1HX[]A\A]A^A_fIGHI?HD/fAEL9LOL)IIGK)IFMMIH5LDDLLLLHLLLDHDIoLADPLGE1
LA2LE1@IGD$HHI7HfH9LVH)HIGI4
I7DHfAAH9LNH)HIGI4 I7HfH9oL$HNH)IGT$$H49DD$ LLLTD$I7HL$(I0MIHDLLTLLDD$
T$$L1L$D\$DD$ LL$ DD$ LL$1H$AL L$H|$(1HD$

H<HHDH|$HD\$H|$D\$D\$jLARf/L=H<$H|$H|$LLE1}LyA62LE1@IGHI?HfH9HH)L,HIGM/EUHfAAH9iIH)
MD
HIGMMA0HH9H9MHH)HIGM$1M'A4$Hff4$H9IH)DT$
M4IG1LLLMD\$HID\$LLLDT$ 1ALLLLD\$HIbLLt1LuHI>4$1LWHI L]D\$IH8B
+ID$H,HID$IGHD$@H)HIVHB`HIHL2HIGILf.HIHt$@HA+ YIGHv2IHfDL9rLIL)HIGKInA7
LDLA2LE1@IGHtgIHJ2IHHHIOvLJHH@IIGgLAz/LsE10LA2LDE1@A LDLLA% LDmPLE1A
LSyfH59DIDHL A(LlE1)@LAm
L<E1@fLDD$DuMDmkHD$IIGHtIHH9$AL@`LLT$LELLT$bHL9sAG
L&LTLyHILLTHT$@Ht$81MHLTLLLTIHHt
x;Ht$HHHLLT$L$feHIL$LTHLHLLLH|$HH52i]LAl {m3Lz:LA?APLQHDHDH$A=
LAPLE1AKLnPLLKAN AmPLnH)HqD$IGIHHID$IH8R @b2LA:PL(E1AT
LmPLHL$H4$1LD\$D\$AXH|$8E1LT$L$$ LLT~4H|$8E1LT$LLLT$aA\
>AL2LuHtHLDt|HDt:LA_f/LHDHHt$1LD$D$u:L3AePLHD$HCLD1MLD$u!AlL(LLD$#DtIH8LB
ArLj}SHHtO@t%HH0HtH8HtCxqH(t'HO{uXH[f.H[DLAHqHD$8D$fLAAPH1SH~Hu5HH8@ t U~@H[fDL9A-
p21[LHA4ipPt1[HH~uM@u$HGH@`u[*H@dyHLAK21H)HSHH \-NG\HHcH4H
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E11AH -
H|$H5`xfff.ATUISHHHHt8MHE1HMHHjHjZYu+HHHtLHH[]A\1[]A\USHHH$HD$HT$HHDJC(*H<$H|$GgH;
<1HHB1tFht8H[]fDLA
DhPH\1H[]HHHtHC(1HHHH@D111AH(H|$H4$HH?Ht$HJH<$H|$1H>HHyH@111AH)q=@A
L{H
iA
jhH<$H|$,HC(EC(-)HHtfffffff.G\t8't3LHAGDQP1HATUHSHF
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@AL{ /H|1[]A\DHHIt$HtGHHL(L30@SffLA
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1MHR1PhXY5L9d$M
fHKH5
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H8MLLuHHHHvH`H5aHDHL$HIHL$bH
7AEAouH5LFE1.fHH
&HIU`HKHLHAHHHH9}&fDIE`HKHLHAHH9IE`H
LtLl HEIIMFHE1AV1HLPh^_+L+d$uDHHx*|taf.<MHHuH5aIE`%H
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LL$H5SLH5TLpH
|A?AoMDAWAVIAUATUSH(ILH0H9aIu .IE1IhHt:HtH
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I
HLH0H9vH)HHw<I11mIH0H;T$HBL)MDH9LBM9MMFIIIIFHXIHA8HPH@HHH@HHH@HIHHHHPHHHPH
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HXPIIMLLHPx}HT$L9IL9M^IL)MILHL\$HPHXH([]A\A]A^A_fD|$TL|11+HH2L*Y!L}ID$MDIIIHqHHHL4Lt
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H[]BofKHf.)AVAUATUE1SHHtHD[]A\A]A^AH5~LH>hHH1MFHHH}XHE`Hp#HEH@1;E1HtHH9SHHEDLd$
f}8HE

HEDm(UHhHE0HHE8HXHE@HHEHH@HD$fEP}u(d$HLD$1HHHAH ,HpE1H9sDH5LDLHHH
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A?Aof.AWAVAUATUSHH1H(dDHtHDfT$H HrEHhLH}(HUHuXHxMAILHUuHM
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A]A^A_LA[DPH~E1ATUSHHHHlDH
uHHD$xHtKLd$@H`Ht3H@xp(KLHH[]A\H[]A\f.HHDuDOffDA@8H@fDHHPLXf.HH~H1HHFPHH)XHBJHH
H JH HFBffFBJHHH JH HFB J
RHHH H HF fAWAVAUATUSHHHHtHT
HldLtHHHHDHHt(HH)H1HHt$DXHHt$HHt$pH4$EfLxHAOf9HLLLdHHHIuHCHE1AVAHT$HHPhAXA
Ym|$DH|$HH4HLHLdxL$CI9H$f;nM9v MS8EH7{\-|$d"|$ez|$fo|$gdLMt-HIAH31AA\A]HHI`f9HMo
<LH*IW HLLHLHhHHt$0Ht$ =L.6Ht$E1LLDeELHHUEMfDEEU E
DeM;IHD$8LHH(HHt
H31IMH^_HDHHD(HxH@PHH)H1XHHfHH@HHfDH4$HtwHMHh4HCHJL=AVE11MHPhA[]~YL;l$HArA
NLr
HxH1H[]A\A]A^A_C(1LtLHA|$dL
Agr
HxwLHLH;T$xv;E1L1XA%Lr/Hw"1Ht$\f|$`HfT$bLcHt8D$\8HD$0HH$t~L;l$xuwMHLdPAH,$HHL+l$P
^HEIMMFHE1ATH1HPhY^H|01^f9HD0rHHhLRH4$H0HHIGIwXHIH|KHHT$HHHx.HHDHHtHjHHHUH
H0H(Ht$
HHH@HIAH31AYAZBHD$0
9Vfu|$pFL;l$xHLELEHCI9H5L>hHIMH@XH@`HH4$H|$8LH)HHHH
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H

A?AoK#H
AEAo%H5FLfff.SHHtPE111HT$HwuH[DHXzH[f.HH8H@HPHXffHJzH[fff.ATUISHHtHstdHt$H/vtSHD$H=wF
tNI$HHH@HXI$I$t(@1H[]A\DI$I$1L@`H[]A\AWAVAAUATIUS1IHHHxhL|$HcLLxtLH9tSLAwDPLq1H[]A\
A]A^A_fDAqL@IT$HA`u=~(=t!McHLL+fH6H?5DAUATIUSIHHHGHB`u=t=<H1LH/HI$H[]A\A]ffoXHHV@))
F)F)F0G\'fo[yF@fB fo6BC\H}b'tftaHL$H@HLAwHD$WDL)HADLPoH1[]A\A]HHHHbImI$H[]A\A]f.fohyF@fJ
focB(f.USHHHHHLDHDHPt4LHD$I9I)H1LH[]DHCHB`u'=~=tC\Pv!tHHHHT$HpmfHHt<HHLI3HJXZH[]@:f
ffff.USHHHtHnt@Ht$Hcqt/HD$H=w"HHH[]@H1[]AWAVAUATUSHHHHDHDHDHD
HHHHt}LxMtIHt$H\uhALSDPHE1E1mH5/JL
LI1H[]A\A]A^A_fDAkIHIOHLHT(Ht$0H HCH@`tuLsLH5HcH|$ HIiHTHt1MLA};LDHL(HT$
LLAEHT$ -2=+'LLGt#LA<DPHkxfDE1jLAAPHLkE16LHLJ~$HLHPHHP6OA&L)PHjDLAAPHjALDB1LfHT$
1HrlH5FLvLGdH|$E1~$H|$E1AA+HT$
LLffff.AWAVAUATIUSHHHHDCFHHHD$HHHI1H%|HHCH@`ID$H(I$HH2HID$I$LfHHHHHSID$HB`uH
@(H=\HI$HD2HID$I$fAEL(A9IT$9| HLA
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DLH
/ALPD{P@@AzL+fEI9M4$L)HL$ITHt
HT$HK>I$dHHt1MHL[-SE1=+EHHHt
x;LDHLfLLH:S8HAHSHA`E1HAA@ALJfLh=+t!LY=tIDEtfDL(=tID$AL[H5JLUHILLHMAL{PLHHD~$H
HHPHHPHALALAH|$E1~"H|$E1ALIAAL'{{3HE1cHLLH{Aff.ATUISHHHWH8HEhp`tCpHp0HP8HHP(HHu1
H[]A\HHLHH`kHCHB`==H@AC8HHHHHHW)HHP
S8HCHHHp@HPHHH5wHHJHPPDL!HA5DgPDaDH[]A\HHHHHWLAIDgPH|a+SHHHdhtdH[@LYHA]DPD
aDH[fDUSHHHHHCHtGHH
HHHHCu-1H
H[]DLHAvz2l`H1[]LHAo

<`H1[]LQHAz/`H1[]EDHd9USHHW8HGHuEHp@HPHHHHP(H HH
H[]fDHp0HP8fDSHGHHVH@`?HHH8HBHCH@`t$H1;uHf[HtAHxALHgk2^1[fDLHAk
d^1[LHADkP<^1[SHHHVetH[L!HAaDPD$]D$H[fffff.AWAVAUATIUSHHHHcAMtqM4$MthMl$M1LLHLzA
H<P8]H1[]A\A]A^A_LmH^u-ALDPH\1H[]A\A]A^A_f1LHHE1u-
DLADHHHptLA9|Rf.HHHHLMtykHI1HLLlLtq`GLoi11HHIAtxL}lALDnL`
M1ufDI;lAL*ALALuA#E1DAE9DLXDHHHuLk1,@ATAUSHOHopH@`t4H5HKHH@`u=~
=2fuLHhHHHH1HgE[]A\`C<HCpxs8HCHB`u=~=u
H
HH//HC0fDH,HHLHADUPmY[1]A\fD{8hhfB`u=t=H HH$H/HC0GxHCH@`HhH1H5f
HEKHf[]A\1HeHCHB`u=~=tHHtH
|H1Hf>>:fHHGHH3HHHHHHH;AVAUIATUISHHLdHlHXH]MVHAUE1I)HLLARhAXAYDHDIIHvAv8A
~\{C{IIHHHAMAA61ZIYlAF(1H[]A\A]A^IuH|$u;DLaAgL
VH1[]A\A]A^DAL#1fAEIIH0mu[CSIHHH SH
H(IH@IHIH[]A\A]A^HIHH(IH@II1A~\Iu1HIAE0IH@IH(V@HH0rAVAUIATUSHHL(HI)tmLd$!fDHD$HHI)Ht
EHCHHATE1M1HPh_AXC(IEH[1]A\A]A^HH@8H(HCHLH0A`HHpu
I%UIPHLHHt0HHII31HJXZLMEH[]A\A]A^H=T=Iu7gHIEH1[]A\A]A^fHHHHptHLH=HHI1HJ1YL^f.HQ/HHH
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A9HUHB`uUA9|pIA7HEH@`fDAD$9|1A=DD9}IEuAEtH@iE8tu
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Hx(H$HxHt"HHHHyDh=L=/uD=AAf-fDAVAUATUSHHD D9'HH-/KD; A<DA9HSHB`A9|uDHEHEHtID
tA9tHSHB`A9|E11D H^thIFuAFtH@iE9[]A\A]A^DHH(K;(t[[1]A\A]A^Ato=Du9YAt/=ADD9XH-
/@=AufD=9ff.tDtLu,u2fD1D@1vfAWAVAUATUSH8HODfD=>=H-
/IHHHq`AAHHD$(HtHLEI9H8[]A\A]A^A_LE@`Au=D9tA+D9A1H8[]A\A]A^A_Hr`AAtADNAAEE1Dt$@D9I
D0tA9tHSHB`A9|NE11D H[t5/A9&HSHB`A9HEHUHtD9[HKHA`=A`=L$9"H-
/L|$ML;|$EtA@H8[]A\A]A^A_@ADOzA[=DA9DIGAGtH@E=HSHB`u=5AEL{H81[]A\A]A^A_@Atg=Du9[=1f
Dj=uADDAt_=DD9
=Af1HuBED=Aud1HtAEEAEEH/ALOHH$
IHEMHDHHDLdGHD$(HD$;E9qHT$HEDEEIM9,HCHp`EfAEE9DttAtADtD9}EAuwMAt5HCH@`u
AvBAEHD$(DHC11HDD$2DD$tAE1HDD$DD$tAEAWAVAUATUSH(HG==^HH/tHLHTIH4$E1D$>A9IU
HB`A9HHCHEIutD#AE7tA9tIUHB`A9|E11D L
VtARAIGiAGtI@NujAH4HFDHL$1H([]A\A]A^A_HDtH([]A\A]A^A_fHD$HtEtD
AH<$1D$f.Atg=Du9Ato=DD9i@HH/D=9#fD=AufDE1ff.AUATUSHHNuH[]A\A]S8f1Hf HHHHtH
@pHfHHHCHB`KCxH[]A\A]HAbHT$Ht$1HIKt) L$P4AD9}wL9LHSHB`uT$9P,;P0HHtH
HH@|tfD@8=AD9uf\@8=uL!kA(H@H5c1y1f@tSfDLjAnDPH@1DHHff.ATUE1SE1HHH
/7a3HCEL%/HLHTHt$HGHSt$HR`FAA9t$EA9@@9L$HH5/HH9>D$+AL,iu_/H>D$);+AZ+f.+H
[]A\D;t+AdLh
H_F>H 1[]A\fDA4aITH9HCL%/F@9,t$9@D+A{L1hofD$+ALhH_F=D$H
[]A\ft$XfDIA4$9IT$uH0@D$+AsAf|$HH5/HH9>D$+AD$+AfHHt1H
uSS1HHHTHt*u+HKT$HA`uOH[Dfffff.HHAWAVAUATUSHEtjIII1DHI9t7fA9,\uDLPtH[]A\A]A^A_H1[]A\
A]A^A_1HH9tf9,Bu1ffff.AUATMUSIHHHhHHTDHu1Hh[]A\A]HDHtHDDXtHT$HHDtMtLLH(tHHH(H
HpHlf1HDPHl
HL$@HH")AWAVIAUATUSH(H|$H=sHHrIFHM.HA]fH9ITH)HIFIpHVAEHIfH96Lt$\Ld$M9jHHHHAHMlf
H91LLl$H)IHIuH|$LcA
2`9/fDAH|$Lnc2E1/9H5X/HL1H([]A\A]A^A_H|$LcAAPE18DAsDH\$H5/HH`QHH`sfH|$LbA2Z8&DH|$LlbAA
P*8DUSHHG8t=HHtHuHH[]<fHH[]fDAWAVIAUATIUSH(H<$H=1MLt$uT^DLHHtn1HAx]HcLLJ>tFLHD9u6
L[9|L8H([]A\A]A^A_H<$L-aA D(P6H(1[]A\A]A^A_f.D$AH<$L`D(P6D$H([]A\A]A^A_@D$A
@AWAVIAUATH5`UHi@SII" HHIfHtiHILH{@LooCIoC

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H[@HHt_HHHtH[f.La_AH DjPHD$5D$fL1_AA
DjPH41[DATUISDG8HEu]HCHB`uw==H[HCHHB`u:htGpHCHB`teHH I;l$L5^Aol2H31[]A\f=~'=t
H1[]A\fH=`=cUL]Al
Ha31DI<$HHH@+K8HHHHHHHHSLAA`S8H1HtHHL@AQHCHHP
HrL\A%l3H<21GDHHHHfDL)\A.DlPH11DfDAL[>h!HAQ ff.SHHHHtdHHtH[f.La[HA_ DiPD$1D$H[fDL)[AX
DiP0H1[HE11HATUHSHHHGHB`u=t=M@3E1H7tzHH Hr8tNHu}H@Hu
tfEuqHPH Ac A> L[DPH/1H[]A\H5/e@EHPtpHPH wH0E1H7tHHTHH8HCuLAu _fAHX1HE1HHtD
@DH(6tt0HCHA`u=~=uE11HHt9X1HY@HX5H
`E1111HHjSffff.AUATIUSHHAHt(HGHr`u}=~=tDHH4HCHB`u=~=uuHX3tH[]A\A]@1@D$ALGYHD~P -
D$H[]A\A]D$A@DH04tLHg5ZLXAD~PH,1E@AWAVAUATUSHHHHHD$HHHD$ Ht$`HIHD$P/A yMA
LAXAjHfH8)$Dh)$AHD$$HD$(@ DHD$AEDL$E1
D$0D%D$4HHDK<twI6Hi1K<pHT$HIHc/H,,tK<H$I?IuAH|$xHHLhMtH|$Ht$hA
@LVDPH*E1LH|$HH5V
ZLA1H[]A\A]A^A_DA;HHHHE1HHL$L|$L1MH;LA I@`LUDPH)&D@H|$LUA^
D2H)E1HLMLH=wHLH1yAp
LAUDkAtjL@A
M<H)D${D$$foD$=LTA%
;(H(
@A
HHfHHVHHFHH6HT$D$$~DHtDHLHD$()$~D$H|$D$)$1fDAU
LT=fHt$XHS+A

HCH@`tHDHp.A
L8~HT$pHcHH$1HThHtP1MLdHD$xHHT$`HHLXHHPHjHHtpH$ILDjH$H5RA
VE~.HHTxH-tHD$xH9D$pA
f.H|$I@HH@HHIA
aLLH1LLIv1L.HD$$HD$(H8f.H-t1H-A
HIp}HIMLH{Lt$=H@HtN1HH#HIHD$A GAI
L3Qf]L"QA PH$ILPA (H$ A
D1PfLA DL@HY*u.DA
DT$0uH+*tD$4HNHD$8=T$8DBDIPAHA)McMnHT$LHLD$8:(LD$8H$L1{5fDLH)D$ZI@HH@HHt$H2HH
D$(foD$H)$)$H8Ft$$HZ*OHT$(Ht$HH+0H|$HH5N
RHD$HA
LNA4
PH"H|$PE1~"H|$PE1LbNA
PH5"A
]DATUHSHH HGHB`uq=~h=tah1H)E11@HHthHKDHs'tHHu0A:LsMDtPHL!1H
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HFIHHLH5@I,OHu@HL%HIAqLJDHILHHHHHH5JHNLHJHLHILZHHH-
L9JAa2H1H[]A\A]@LJAzDHPH1[]A\A]@AfLI@AkLI@LIAsHl1[DALcIAcfATUSHHHHHHGIHB`u=~=u*HL
H,HH[]A\f.1L$uLHADPHD$D$LHADPgH1[]A\fff.AWAVAUATIUSHHHGLHD$8HB`=~=IH>
IHHCL$8HL$B`=t=LHLH1A=HH5GHHD$KHI"IH$MHD$(HHD$HHLt$HHHD$
AAA+PHTHtp1Lt$pHA61HHD$D$,LT${A9rHt$
LLTLtHALT$LFHAED}PLT$bLT$L5LILHLD$Af.L)FDPHf1H[]A\A]A^A_f.LEAD}PHE1HDHE1H5ELIH
<$xH|$EuHCHB`]=t=?DCHI?LcAEH8Hu
t)1HLHHHJHHHHH|$8 xD$8HA

LHhH@HPHHHHHHHH $HH($HH8H0$$jHAVQH
JjL$H H1LurHHHHHpH5CGHHHC
HHHpHALgCAHp0HHHxlIH"1fD@uTHLHHLHPHXtLLBAD|PHp1kfLiBAA}PH<E1HDH~HHr@LBA$A
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AAeLB@*H51@^L$DH<$H|$-HI4H$D$HI~$H H<$1MLHH +AtPHcT$LL2D$,HT$PLDx
Ic0DD$,Ht$PHT$<H<$L-
Hct$<Hl$XLHHD$PH;D$XHct$<H<$HT$@HHct$@HLZHcT$<HHT$PH9TXtD@A9gH$LOHD$xH$HH|$H)
HAHHT$`@L#Ht$`H|$HTDDD@HT$hLHD$hH9D$`LAtVALKH H|$E1H `o)$
D$Aff.HtfH1UHSHOHP`G\u1 ~$w\H
g=HcHfD$w5H
=HcHH{t*L<A*
1[D1wH>HcHuG\[f.HHOteG\[fEG\[fHzG\[G\['HG(HH!+H 4+1[G\
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xtC\![f.tD`EuHHtH
 C\[L7HA%D\P\1[HHC\[t.C\[HH8@ T4C\[f.HDEH
C\[f.C\C`[C\"[C\.[dC*[duLhDxE/H8H90hhG\[aC\%[DEH8H90RG\([L5HADXPY
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>8SHHHcHDkHWH@`"HP HCH@`fDH[]@HWH@`u
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H3*fgH-fG\H54HcHHDHDH)/Hf.H)/Hf.H!/Hf.Hy/Hf.H/H
f.HQ/Hf.HI/Hf.H/Hf.HGH@`H/HDHY/Hf.H9Hf.H/Hf.H /Hf.L-HAP1H@H/0@G\H
3HcHf.f.@f.Df.Hf.@f.1ffff.ATUISHHtLHH- []A\USHH(HHHt!HHTHtTv3L\,AH/1H([]fDHHH:tH([]f.L+A
DHDDfATUISHH`uHH3H5+m0HHIHVErIT$H[I$1uy HyuHrI<It<HHAqI$HBHID$HyAI<$HzHI|$fyHHf
ITI!fH9w2H`IT$HXI$H)HH9IT$I$wA.H HWHA`u~k@ u`C<ZDHHtOH tEL)A}
HHH5)2-@uIT$Ht"I$H1HITI@ALU)D}PH.@L1)ApD}PHH5
)3H-1H[]A\DHvjoAEoGEI$HA I$ID$HPHIT$t9Q H!H9r,Hq!H)H
ID$H<I<$HE(fDALs(}2HLALC(}2HndH@L'A}2HL'A_D}P1L'A}/HlHU(HE0&tI!tHCH@`MID$HtI4$HH9mAf
Hu0Dt
IL$I4$H)HH9I4IL7H)H<HIL$I<$LMHE(1A L IFH9I)IA HH5&-
HpHxHpHhLAHHHHop)$iEHDIT$HI$HfH9HH)H4IT$I4$HXH`ID$HI4$HH9HH)H<HID$I<$"HpHxfHI!HM0H|
H|H}8HH)HH)HHLU8IHU0LLLLL)H)E1DALA9MrA;A0H)HID$HHEXI$HHMPH
H}PH5f$HY(QI!LLHtAHfH9r.HH)LID$M$HxI|$HpAoLLLfL{LfLAMfATUSHHHHDDHhHt?LIHt,LpHT$Ht
$EHt>HHpH[]A\fDHH5"kH&t$LH"H|lIHAoHL|IpHHI;$xtEH[]A\@L1"HA2x1H[]A\AL!D2PHfDtHH|$H!I$
pHAHptT$Hx+HH|$L
fDAVAUATUSHH0 tcH0[]A\A]A^HhtT@HCHB`u=~=uH/HD$(pH8@ tHsH Ht$(HbGt$(1Ld
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HD$uM
A$H|$tPH|$
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D$ HD$HHt HHt$HoEoEDEEHCHB`8wE=DD9THHt
H uELA FH DHCHB`u=~=HHHH8@THHH0HHHHqHHHH8;T;C(C(t$LAV HH|$LH|$
LHH5"HH5#HH01[]A\A]A^EtLUAj
FH(VL)AR3PH1D=%9LAyzPH1DLAz(H1pDHT$HH/HCHB`i=~=&LXUHL~IDEHL$ HT$ALH'"H|$
HE1Hu1@`GHH|$ ANA9]H|$ DNHIz)=tLk)=VuH,uLaAu VH4bC(H+<HCH@`fDH

t?HHUPHHHuXHLA$HC8OHT$HH7LwAFH KyfDHCHB`u=~=HE1E1
H`uu,{<t uHH,HI#LcI$@`uA=~==~=u
HhHt1prHqHpHxSH9uL*AU 2H+AL4 (HLA
HLA^sHz1^L|AY (HO}HHt$HHHAHH8LI9$uH}XL6A6A@HE11AHW_HDD$ HHJAq*;HCHB`
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H?EHHlEH HCHHHB`E1HhLAU /HLcI$@`HE1HDhH|$DHD;hAH|$~HA9|LbAG
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V /HoHLL`AU (H3aL7AT (H
8H="HPHHHHwHHD$(H%ffff.AWAVAUATIUSHHXHH8h@tyI|$LfA
~2H9HH;
HHHH1HX[]A\A]A^A_@AJ@`@ 6HHD$ H8@ HHH21=~HHaHnHH^nHtHHnp ID$Ht'I$HH:HrIL$I4$@0u Hj A3
L2HH9}@+TfD111HZiID$Hv(I$HH*LjIL$M,$fH9Lf
ASH291CDHHx(@HI\M<Il=t_Hv-HEA/fH9rIH)I/HIDIt,LA2HbLN/LNH5HcHILl$
0Lm5ALLLNY:AATD@It$McOL!!!fH!!I9uCLK4GDD!!D1D1AAD!AAD!!t7AAA1E1DAD!EAAE!AD!
H!ITIDI9s
IEH9|fnDfoT$ f`o
faffpff
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~PHFL AxPHTHL@MJHHHIDI4HItLH7L AkPHLHA7(1
?_ID$Hv(I<$HHID$I<$fH9LfA[2H9@AL3@LADPHH5<L1
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fHGtu=HHt,HHt3u1HfD1tHLA
DPffff.G\t@u^fDLqHADYPC1H@AWAVIAUATIUSHH6HIAIEMgIHB`u=t=IwWLA|2LE1Hb/1LAHL<6HH[]A
\A]A^A_+CIHHH CH L9wI)HD+MMgIoHHSCHHHHH CH H9lHD$ L4HDHD$(HD$HD$0HD$HfLt$
I9JIEHB`==HHD$(AHIVfH9|HL$Ht$H)E1ML4AHT$0E1LHD$8ClHT$(E1HAMLLIBH|$(H5GH<$L/}IHPH&A
AFHI^HHH AFH H9Ht$1H\$ H)Hj?HIL4$LsA*
|2LFMt[II9rOH{IpI)MgHHIt!IxH9u%`uMgIHALfA LA|PL4$A"LDL4$L3DA}"AXZIHt1LuAhIH>IL
.IHIH^/HHHn2ILIEHB`u=~=E1E1L4$A0LwDLaAMA|PLL4$1.H^/fLLutjAsL|(7LA;|2LL4$H|$(H5DL4$1L1H\Hc
AzL|(1HHHI I)AXL7|(`A}AnL
|6A`L|tLtOIEHB`=
=II@LE1u+E11ALaA|PI8ffff.USHHH@HAtHpHhHru.LHAPDPH1[]H[]@HwHf.ATUSHFHHtPH>HD'L9r@HoL
)HHFJT%Ht(
HH9rH)HT
HHFHt8L)Av2H1[]A\DHH5BMHuLf.H LHHHuLHA}DPH^1]SH~Huu
v'L@ADP1[fH$uXHCHHP [@LA21[LHA
1[G\w]HHcHDkblCkL!HAD[P1HAWAVIAUATIUSIHHLLLHH1I@jHHtH0Y$u=H
NA7D1BHfH[]A\A]A^A_LHA5DP1$t-LHA$DP1DH
A&D1A^E1MHjLLhDDpHZjMEH5jD$MHjLL$DD$PHifLL$XDD$`Hi=E1E1HiHt$xH$HYfAWAVIAUATU
SAHHHAHHxLHLHt
HL8HH8HEH0ABEM0IP1HHD$`I`MI`tI~HI`CIGH@`~IDl$T$HHHL$(HHH$LmIHG|HH8HELhH0ABEM0HG

H@`D$I1HHD$A
IXMIXtI~HIXIGH@`IT$HpXHt$(HpPH4$HLpHH$HT$HHLc%HT$Ht!HHT$%HT$HHD$H!HL$LI4LHHt$0M,
HIIH9hLLt$(LR(HJ uZH$|$1LHHD$8L$8[HIHT$ H|$11IHD$LL$Ly(H%AHH\$%DL$HIHLH8@$%E111tm1
LtU1Lt@T$LLt(HL$0E111ALF@fDA)LDHIIhApIGH@`xHHDBIDfDI<IJhH|$0H|$M,HxH9hLSADPLE1[HH
D[]A\A]A^A_fHI8HE1PM8@@HHT$03HHT$0HD$%fItqHL$0E11HLtT$LLALnD@ALSAPLdE1IL%ALDfHL
$0M1HLAA/t>H
tWH$HHtKHL$(L!Au2A8@LDPL2DAG|ADLAAPLLALfAxLAfD$/AWAVAUATUSHHHD$HD$0HhtHH[]A\
A]A^A_@HHLHT Ht$HHPLL$8LD$@ZYD$HHT$ H|HTHxHT$0H-
H|Ld0HcKHHHLiHH5oH4HILLHHl$8IpIFIhHD$FHIB1>_HHH*NE1MHU`DD$MNPH-`L
(A
H`iMA H_=MA H_E1E1H_E1E1He_HT$8LHOHZHC8pHHHHH@$ t
7(LHAbPD$HH[]A\A]A^A_fLqA5DPH|HY1DL9A$DPHD1DL
AqAPH1Rffff.AWAVAUATIUS1HHIHxmu1Hx[]A\A]A^A_f.Lt$0HL$ @HLtLHHD$(IGHD$HD$
HD$H1HD$[HHLLKHLL$J6LL$H<$E1]MOPL<$DD$L\MAL\DD$ML\E1E1Lk\~wE1E1LL\~XE1E1L-
\~9HT$(LLiL~%L}WHt$ L-
fDLA5DPHH<$3W1@LA$DPHffffff.AWAVIAUATIUSIHLHHt0Fk1H[]A\A]A^A_f.HHD$
0HD$H1H$YHIL$t9HL$H~)L$E1LZLA5DPLLU19DLQA$DPL\ Ll$ HL$LLfjj0H5+AVUE1ATjLjjLD$XL
H@Ht$L"fMALYL
A
LYHl$A LLVYE1E1L1YIA ILYRE1E1LX/HT$ LLIL'TH0cffffff.AWAVIAUATIUSIMIh@HDXHtL$
HD$PH59HlHHHL$LLHL$
IJ#L$oo@IJD# oo@HD$PHH|$PBD#@D$PBD#Au MHT$PJ|#BLHclient
fH9fD{inisf{he{dH51HHHLLHIJ#oo@IJD# oo@Hclient fH9JHserver fH9Hmaster sH9H master
HextendedH3SH3H Hkey expaH9IjE1AWt$E11HHpHPLPjjjjH@A'H
AWA:1E1Z-HHHZHD[]A\A]A^A_{secrSf{etGDD{inisf{he{d{ecre{tH
bASo:E1,N{nsio{nxw
H_8USIHHRt\H=HtaPzSu
zSH=vHA(zSt*H=)HuAH[]fzAuzuH[]DuzSyzAozeAt@ztMDHH%uHwwAVAUATUSHPHDDt'L*I4u1HP[]A\
A]A^fHl$ HcHHI(1@t
A@t
<fA<H@tAD4 H+I
HxyLl$H\$HHD$LH
HD$LHHPt$<T$0Hl.HH(H9;Pu;puI$@HQI$fADLHt/ALTfA9L$1@fA9LDHH9uH1HLLDHH9rLDHH9l.L
H(L9bH3HtHuCIUI$fCDlHI$&1HtH:t~1fDUSHcHH(HHI1@t
A@t
<fA<H@tAHH4R'tFH3H9CtM1f9DHt7HJH9uHHD@H0uHu1H([]H1HLLDHH9rLDH$1ffffff.AWAVIAUATIUS
Hu
wpHcIH,HHHx tTHx(tMFIHt$H}(tDu:IAHHu@D$A9$1H[]A\A]A^A_FIE1HHE1HtL,H-
m.I@B`Hi.fH(H9tGf;CuIHTHtE11LHx itED$t9D$u9Ct'IIL;?HfDD$9Cuffff.
f.SHftHCHP[ffffff.SHHH5rH[fff.SHgtHC=t[D[ff.GfwH-
HcHHfD1DH@%=tZ=t;=tHHtXHHHfHHHfDHHHfDHoHHfDHYHHfDATUHSAHH1Ht|$\$LD$Q
DHH[]A\AVAUATUS1H
G8IAA@HT$HLIHHH@HT$HDHt1HtGE1@HTHHL$HBhtf9tC1
f;At2HH9uII9rAt1H
[]A\A]A^LtA9tHt$II9rIHt$LHHH@HHTHD$(H@t/HH8@H=+tH=,NFE14fAUATUSHHHHH<
H5I^IE11HAAtH41HHH;2uLHLxfxHI I9uH;H5oHD$?HD$HLeH[]A\A]H
A[u/"1H[]A\A]fH5HiH1[]A\A]H
A_Au!1f.ATUH

SHIH:HHH$I{0tHtH$HSLHZH[]A\1f5AUATAUSHHAtXHH8HtEIH+t)H,uft*f.1H[]A\A]fuf.HDtCHT$H6HT$H$
Htf;t#1fD;$AtHH9ufDDHxU8jHH@HSHHf;C1DfD;$AtHH9u#fDfffff.AVAUATUHSHA4HHHv
=[]A\A]A^DH IH*LI
.HEHB`u=t=L$9H,9=h=uEDHH8HtPH0Ht!8
t@HBH
@H8Ht*H9uf1[]A\A]A^DH =%HEHH)H|9H
51HHH;uZE81H"zEH@ftxfHHH8HH9xZ1H9zHHH9u111c1HHtHHHfDHHH@HHf.H@t
H+tG1H,t,f.H1fHHtKSG1HuHtH[H1HtHuf.1ffff.USHHtrHEH_.H@`
tBHvHcpH(_.HH(H9tgf;Cu1H/tCHH[]G8tI1HHH8R PuBHH u1HH[]@1@HH0HP H)HiH t/HHu(Hu(Ht
fUSHHHHtHHTHUHR` HHBH].HfH(H9t7f9Cu1Ht,HHH[]f11H1[]fDE8tI1H`HH8R PuJHH ufDH\.y@HHP
HH)HiH t%HHu2HuHu
fHA%=tJ=t3=t9w8tGHHt[HHHHH{HHmHHHtHHfHIHHLMtfLMtBH
_.1AxH[.fH(H9tf;PuxtHL9r1@@ t9uALAWAVIAUATHUSAIH8HD$ AIOH@`HZ.H
H(H9t@f;kuu=t=fCD9Au=twALrM/LE1H8D[]A\A]A^A_fD=Z=OAtAtADD1fLHt$(t
D$(9Ct+Ac@C@M=)=A*IA4@HT$L+Ht5HT$fD;*tDH1Hf9jHHH9uHT${@I@u~Ht$
 HzAH|$ HtCDDldH|$ LD$
LALIAHYACLrM(LE1-L=gIGHB`~IB=~=LHH H&0H
1HHH;uLAjI@DA-f=LAHpM(LI@4L#HHc/S t9OIGHB`14LIHLHD$"IGHB`u=~=KH|$-H-
==ALLAVrM(LL^A$zM/Li1IH8HH0Hn:HPHH9VH8JukALzYHt$fDHH1Ht
Bffffff.HH1Ht
Bffffff.LDNE4DV
E8E@EHGH@`N4ADDA9DN8A<ADD9|XHVDI1;HfDD^,AutE1AAAE9}fDA<9N0}fA@IfATYfHGHA`ug=~=
u'O8uPH<~=ztu'1@zttG8u#H<~B
tvAWAVAUATAUSHHH(HczC-
vb=+t[St<{H/SLDDHTfL$KH([]A\A]A^A_@Dm8HEEt;HB`u=t=wf1H([]A\A]A^A_8QH@:<H9HItHD$~IDL1
HHIuAGAD9l$u1Q1Df@t1@E111
ffffff.AWAVMAUATIUSHHHH4HLtHHGMHB`HDDE1E1E1
fDDE1E1E1LJLbVHHHHKHt!HCHB`u(=~=tHXt
xM/H[]A\A]A^A_=#=IL\$LH}WHIqlHIpI(L\$H4$HL\$E1LLT$HVMHLT$kHL\$D$$LLT$L\$UHILT$5fDLE1L
UILIFAH$LHth6}LE1HHlK|$HwtcH4^|$LCE1(fDE11fD1f`fDD$D$E1LLT$L\$HLL9sH4$M)LLL\$(RLTHL
@1LHHLRLTjHHLLJ4
H\LT$L\$(HLL\${H4LTHHDLHD$8^H5HI)LBHHLT$L\$t/HL$8HT$0LEHLT$L\$LT$H5HL$L$HHVI3I3H
zLT$D$$cI E1H LMLT$4LT$M H4LT1I
LLFLHLT$HCL\$HB`==!D$$Hct$0HT$4LHLT$L\$D$4D$0Ht$81LT$L\$Hl$8HcD$0"}IHD$8H5;HH))D$0_ML
T$|$0L\$uUMt/Ht$IXLLT$L\$L\$LT$MPD$$Dt~LLTDD$E1LT$OLT$
DDLT$&H5YHLT$ffff.?Hx~_ATUISHHt9Ht(HM0MLE(HHH[]A\[]A\fDfAWAVAUATUSH8THT(H|Ht
H"HHT$(L=N.HAE1HvJ.
@H(L9t"f;CuHc{xHItEeu2HT$(IHL9HT$(uHD$D
 H8[]A\A]A^A_@1H>tt$H|$HtAEA!AfSHHHH4H8H1HH@H<J1u-Hxt' uH8@4 [H84
tAWAVAUATUSHXHHDNHtHLHDUL=M.HIE11A\L-
H.fI(M9CfA;Eu1LHEHB`ua=t=~A}tU8u?H<~,A}tAE
Ic}u{AE-=+AEA4\H|$M-
Eu0HEHB`u=~=AfHH9\$EHXD[]A\A]A^A_fDE1DE8HEEHB`A=4=)A}H#AULDHTOfL$NAM6fDA}%AE=
E1@AHA!H9\$H
AvE18^H@G<HDD$8,HHD$ yHaD$,~hDD$8H\$0Ld$8D
@9\$,tRH|$
;1HHIvuAD$tH\$0Ld$8E1H\$0Ld$8fDAVAUATUS1HHGHttH[]A\A]A^fDHIHH5HH<IIHMHUH|HHM1HHHf
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iAAtf1rfHGHH@`t,Ht2Hu/HHHqf.1DHHHBfAWAVIAUATUSHXLHH|Ht IHHt$H5A]AV8IIu+IHtIHl$HH$-
DIH[SIHlHHHD$@HIH$HHH4$H<$L5F.Ll$(E1HD$MBDeL=B.I(M9CfA;Gu1LtKH|$Llt5Ht0BTefA9U1fDfA
9TEHH9uIL9$$uHDMLl(HfHD$ IIHD$@@
HX[]A\A]A^A_LtHTH1LAA@H$u(Hl$HHDuH|HTH1HHlHHD$HLHE1HD$IL9$$|HH5HoHE1E1H
E.Ll$0HD$ML\$(MHD$8BD}L5@.fI(I97fA;Fu1LH$H$tKH|$LH$t1Ht,BT}fA;U1ffA9TEHH9uIM9fLl$0L\$(fHD
$
LL$8MMMHD$@@ I1Ld$@HL9MID$IHHczA`u=t=~
zt@I,Eu0uEME1HDHD(HIL0HM9HD$oH
3AAw1Ff.ATUH5SHH HHHfHHHH0 t<HHHH []A\fHuHT$HE1HfDDHHt'Ht"HT$Hf;
te1f9BtZHH9uII u{DLHADOPDDH []A\HBLHAxO(H
1[]A\fHLHMHx9H|$HcI4r>tL\$fA;>MtA9>H5=.LH(L9t?f9~uHt~:HtbVMt`VAffD1DHtHt2Mt1Ht$Mu@MuMuM
uHLMtxHH=w9|1HcHItp1HtH
MtPAMtPAH|$t@
HL$Hfffff.AWAVIAUL,ATUSH5HILHAHLLHHtEu?HH5YHLH[]A\A]A^A_DHH5HHLH[]A\A]A^A_fDH
AAv/H1[]A\A]A^A_fffff.ATUH
SHAH:HpHH$ItHtH$HsDHHp[]A\AVAUE1ATUSHtHD[]A\A]A^@IHH5HIHeH1ML>.tEfDEE\L9.fDI(M9tgE9
HuE9XuAPfHI9wItiHH5HDAHDLH+H5QHE1yHD[]A\A]A^HH5#HD$AFHD$LHH
AAx=AWAVEAUATUSHHHLHTHLAUAAAAIu IcHHHL!T$
HMHD$HAHD$HHQE11EHT$H6ELHJ@E8T$ tEUH6fDH6=~HDD% qIMHH)HHHAHf.1DL
AE11H6o
EuHD$ 1HH[]A\A]A^A_HIDD$ tH|$HtHt$8HtHD$8HDD$ AHHHD$AE%EA`A%`EHT$1DL D$
fD0LHm#!HL$HH[]A\A]A^A_f.L$ A\$$E1AH\$+DH
1HHAHA9|E8D@E8}f.D!D97DH040D$ ft$ D$$H3=|$$HHLIHZIH9Bt1HH9<H9Au1\$,
D|$(\$$H\$E1AHA9ODHAtcHEuQIHt'IH;Bt;1fH;At,HH9uD|$(\$$E\$,D9uArfH|$t5=!HL`L{LE1I,f.DLLHALA9|D
|$ L|$E1\$LA9IDL1HI!DLfLH[tL<9|Af\$D|$
EffDE\$$;DHHXHPHt!H9u-D9t!HH9u%D E15fDD$$D$ 1@bLH\$$D|$(gE@CD|$ \$EtHA;HEJcHIAAHttM1H
5.Mt9wH1.f.H(H9tf;Pux@HL9uEIAAHuLPA9fDEXIA'A+HNIAAH0IAqHtAtIAAAHd@1eD9PL9>AD$
1(ffffff.SE1H111^111HAJ111HA6111HA"111HA111HA111HAHA111HA1[11ffff.ADHxt)ATUSHH8B
tzD[]A\eDHHHx~p+HHHIHtu1K\HHtv1LHHtbH[]A\f.oY[]A\.fD\HfD^fDHL1@H1HL@AWAVIAUATIUSIHHE
AAEtCHt
HT1MMLJuCSHt
H1MMLtL&
tH[]A\A]A^A_HLHTHt$E1L,tZT$LuLL$MMDtKLLlLD$LxfDAVAUAATUIS1HHth1ADLEAt[D]A\A]A^
H9}HE11DHLtA[D]A\A]A^1HaHfff.AWAVAUATIUSH(HWHt$HHHI`u~%H8B ED$8EuQI$HHHV
H)HHHHcHHHz Hz(PHRI$@HH|$1H|$HH8HP HH)HHHA9uKIUIuDL A}I$kHA9]
HH9HAt$8L,EuhMcLmHt8I$pH8q t!8MBt
ADI$AHufDLsHII$EuMcI$KHL
HHLH([]A\A]A^A_fHE1Hl$HH@HN,AU@AUt1LTIUIuLWAUI$?8IcUHH|()HItqHLtbH|$tZLH|$ADA9I$H|<DI
9DL$EAY
fDI$HII9fIcHH|(HIt'Ht$L:tH|$f.I$H[@AfH9tCA@AU H9C|$A
LGv(LXm1HHHIDL8H|$ADA9I$KLcHIHT$L5HIHD$1Im@HHI9HD$8fA9}uAMIuHLHD$fDD$A
LDPL0l1xL$A
aHHQHI$;T$(LA
r/Lk1H@w@DDH
YHA
'1Hfff.@w@DH
HA
&S1Hfff.AWAVMAUATIUS1HIHLH$`

I1MtFHvU$LA6D1PHzjL1H[]A\A]A^A_fDL0DHD0Ht$`1CHHt$HD$nLyH|$t$tdLAQD1PHi1ifH
A<o10f.H
ASD11$H|$p1H|$3oH|$H5eqH|$HLMqH\$HiMHE$LHHH$TqH|Ht(kH|$kjrL+GL$LAdD1PHMhE1AL~E1MLt
LDDLNLLDD(L'HHLL17H
AfD1@HE1jAPAQH
j@H(ff.HE1jAPAQH
jH(ff.HE1jAPAQH
wjH(ff.AWAVIAUATIUSH1IHLLLD-
HAHHSHMHD$(SMBHIt1HHCHLAADOPLfLBH\1H[]A\A]A^A_ALDOPLef.H/HDIHD0IH-
~(E1AHYLrADOPL=e1HD$M9D$(Ht$(L-D$@MHD$L- />fDHD$p1LHHD$DLAHD$(jALHLPHL$@QPILL$8H
,H
HD$(MHD$E1IHCDD$MHDD$MHHtHT(H+fH(ATUISHHH4LtMHHH[]A\ff.AVAUMATUISIHHH<HMLIH
H[]A\A]A^E11yfAWAVIAUATUSHHLl$(Ld$0HLuH?L@LHH4HCHL$(HL9p@HHtH
H41WIMtRHtMH$11MH~6HT$(LHB~"Ht$LHz~Lt$(.LIA3D]PHE1bLyH>HL[]A\A]A^A_@E1E1Ht1WI6DHHL
$E1 HL$Ht$pH4HE1Ht$IHHmLtHL(1WLu@LIU)SH1E1E1H HHHTHtHH8HjOZYt1HHT$HxHT$HH
[LHAJPD$`D$H
[fDAWAVAUATAUSHH8AHD$hH8HLbL8H@HHD$(@@@HL5hHD$@HD$8HHHDHHD$HJIHHHxHD$
/Ld$paDG|HhHaLhHpHHD$(%!!@_HL5iHD$@HD$8HHHD@@LHD
E1Ld$HI9<HI9HI9H$LdpAD[HDLLD0rAdLD$0/HjLPATLPLL$0HHT$ oH
H|$@D&E1L@4&H8D[]A\A]A^A_`HIH8LAAPH]E1Ld$pf`HIHh;LAAPH]Ld$pIf.L$HL$h@HL.oALaPH2]DHI
HH$1HL$HrHI6 Mk9HHD$ML~pHA|$@HD$
 HIH|$1HLd$pW9LHADPK\H|$9@HT$hHHTjHTHMA
HHRQH
(RHT$ H -5@HtHL5H$HtHD$8*HHHD$@HHD$f.HtHL5H$H4HD$8HBHHD$@HHD$HHD$\fDH|$.~H|$
HHD$0z%HHH8H@$%HDHHT\HHD$PeHT$hHLHT$hHLlH|$
zHD$\HD$PHDHLD0HL$LLHLD$HHL$(LLHHt$ AE1A11LmT$H1
LHlH|PtT\1L%lgHL$E111ALlEHHL$hI9&HI9Ht$LHHH|$8t(HLD$@HL$8LHHFC8u|$[C|Af.Ld$pfDHH@$f.
HlHHt;l'LADPHnXLd$p @HtHLHL$H"HjHL$A
HHQUQLL$0H
0HT$ H HL$hH5HHFHL$hcfAL9fALLfH4HLHZHA
L{AfH$H|$L6L$H|$LL6L$pH|$H4HHLh3HD$hLjH
XH4MALHPARLT$(PH LT$uNLA!DPHVBfDC|A-
YIHL$hH5!LHDHLt$AHD$8HD$@L5HDD[iHHDfDAWAVIAUATMtUSH>H{A9n8D$8tM4IIpAF|HD$Ih
HD$!}ILHxHD$HI;{HjH
PPE1ALLLH\$PSP9H L$ua@L1
H@H[]A\A]A^A_fI@HD$I8HD$S|=fDL|$LwLHHD$ |t%H}IH8H@$%HD$(HL$<HHD$0LLD
HLLLLD$(HL$HLLAHlHtE111HfT$(1
H'fH|$0tT$<H|$1fH|$E111ALfHcT$8HLCAF|LfDLaAdPL,SH\$@L$f.H|$6sHD$<HD$0HD$(fIH@$Wf.LAPLR~
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L$c1~jD$0HMLHHPL\$@ASD$DL\$0PLL$0ZH L\$t=jt$H
(tD@HMALH1PH 1L-H[]A\A]A^A_fAWAVIAUATIUSHMMHH4$W-HHKH`;M8Hu?jx@z1HHHD$@-
H$0LH0Ld$pHT$(HL0Ht$1H,LHT,HLLL$/jD$0HMLHPLT$@ARD$DLT$0PLL$0Ht$(H
 LT$t@jAWH
}tD@HMAL1PHt$(H @D1H,H[]A\A]A^A_flHHSHHH5HPH5~H7H+H
H(H0H8H@HHHHH`H)h1HX[1DHSHHH5-
~HH5.~HGH;H/H#HHHHHHHH)1H[1D1HATUSLMHHHHH1HHH)HIHAoIIHA$XHt6HHfI$HtHHDI$
HtHH"I$(HtHHI$0HtHHI$8HtHHI$HHtjHHI$@HtHHHt|I$Ht'H5@fGHHAg>I$PHt!H5kZGHH
I$`H[]A\H

Ab9?HH5szHH5tzH#HHHHHHHH}H1HHExHH)H[]A\fDfDAlH
D9Of.1HHtBHH`HH)h1HXfUSHHH8HsHtHHEPHHHtvH0HV:~b10H#0HHHHHH>HH1Ht
H8[]fDH8[]@AUATIUSHHIHHHxH0H}H HH
HHLMLEHHHLL
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IH|hH5}IHcHiuHItXHL6HHLLL[]A\A]A^fDE1E1Lz}HA
AMPDfffff.AWAVAUATUSHHHHlLHHHZ|HI&HHHHHIoHHHHIHHMHLHHIHhH5d|;IHcHsHHLHDLDH
HL
LLL{H{GHLtLH[]A\A]A^A_E1L{A&DSPHB11~@L{HA6DSPBE1DLX{A.SPHBL2{HA=ASP]BUSHHHH4x0
LzAVT/H1
BH[]HHyHuH;A\|EHHtHH~LHH'HuAi@L)zTGHZAKLzAdTGH1A"fff.US0HH8HH'21~QH0H0HHHHHO~1HH
H8[]HHtfHHHHtfHHHHtfHHHHtfHHPHH1OMHHH1Q-HHHc1P
HHHLHf.HH1NHHHK_Hf.HHM?HUHATSH@H}HEHWQHEHHr.t
 HEHHH=xE]HEHWH9H
.t.UHEHHWHHH=wHEHoHUHEHHWHRHHuAEaHH5wHHr.HHp.HHHEH+IHCLHHEH_HHH@[A\]UHATS
H@H}dd/tJH=Td/t5H=d/H=3d/NHg.H5d/H.HH=c/tYHEHHEHH=c/HEHH.t
H=c/HH=vHEH5}c/HHtHHHEH.t+HEHHHHUHHH=_vHH5ivHAH.HH.HH%IHLHHHBHEH@[A\]UHATSH@
H}b/tJH=b/Zt5H=b/%H=b/H.H5b/Ht.HH=b/`t+HEHHEHH=bb/HEHHEH5Fb/HHtHkH3HEH.t+HEHHHHUHHH
=Xu6HH5tHHC.HHA.HHIH#LH&HHHEH@[A\]UHATSH`H}HEHMSHEHEHsSH9EiHUHEHHwSH<-
H.t/HUHEHH9SHHH=utHEH%HEHHHUHEHHRHHHHEH)H.t/HUHEHHRHcHH=
tHEH.HEH7HHUHEHHSRHHH^HEHu[HE|HH5sHH,.HH*.HHIHLHH`[A\]UHATSHPH}H.t
HEHkHH=sHHEHHQHEHRHEHUHEHHRHEHRHEHUHEHHRHEHHHEH9SH{HHHtZH.tBHEHRHo{HHHE
HzHHH=rH.tdHEHRH#{H/IHEHRHzHHHEHLHHH=rHEHRHEH
QHHEHPHHHP[A\]UHAUATSHH8H.t#H8HjHH=prH8HGHHEHpHEHHHEHPHEIIHHH5\r[tQHj.t8H8HHH8H
HHH=rAXEE}xEHD=u
mE}u<H.t#H8H^HH=qzAHHEHHzNHEHOHEHUHxHHOHEHOHEHUHxHHO9HxH'PHw|HH@HHH@HHH`
HpH`HHH`HPH`IIHHH5ptuH.t]H@H*IHxHzOHwHHH8HLHHH=p
EEEu0+E9E}#EH`EHD9EE}tcH.tHHxHNH?wHYHH8HGHHH=jp`A[H.tHHxHhNHvHHH8HHHH=OpH@HItuL
HxHMH.t#H8H~HH=<pAHEHLDIHH@HLHHtH\HHEH.t+HEHHHHUHHH=oN*HAHHEHLHHH[A\A]]UHSH
XH}HHEHHJHEHKHEHUHEHHLHEH,LHEHUHEHH>LHEH)HHEH|LH{H
HHOt5H_.t
HEHHH=nfH*.tBHEHHHEHKH{HHHH=nHEHKHEHJHHEHJHHQHX[]UHATSH@H}HEHHHEHEHHH9EtJ
HUHEHHIHHEHHHEH#HEH9urHE4HH5mHbH.HH.HHFHHEHHHlIHLHVH@[A\]UHATSH@H}HEHGHEH
EHGH9EtJHUHEHHHHHHEHHHEHHEH8urHE3HH51mHaH.HH.HHEHHEHHHkIHLHUH@[A\]UHATSH@H}
HEHFHEHEHFH9EtJHUHEHHGHHEHHHEHHEH7urHE2HH5hlH`H.HH.HHDHHEHHHjIHLHTH@[A\]UHA
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5jHaH.HH.HHEH`HPHHHEHXHADH9EtOH`HHHUHXHH4DHHH?HEqHHEHHUHEH5.jHHEHPHMHHFHE
HMH
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@H5bH4HP$H@)HcH@ HcH HH}E]H H={H9t"MH HbHHwE@H
H@HHH@H5NbHH.tH5MbH=avHPH@)HcH@HcHEHH|HPH@)HcH@HcHEHH|HMH@HuHHfHEHlyHEH`y
H9.tH5?aH=*auH H+yH@HyHHEHyHH`HxHHyHHEHxHHEHxHH
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,HEHHHEHHEHUHEHHHHHEHEH^H9ErHEH*H9EvHEHHEH8[]UHH
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]UHH}HuHEHUH]UHH}HEHHPHEHHE]UHH}HEHHEHmHE]UHHH}HuHEHUHHYHEH
HUH
HH>HEH@HUH@HH#HEH`HUH`HHUHSH(H}HuHUHEHHHEHHtHHCH([]UHSH8H}HuHUHEHHHEHH)H
HEH9tHEHHEHHHEHHEHUHEHHHHHEHEHrH9ErHEH
H9EvHEHHEH8[]UHSHH}HuHEHRHHHEH@HH)HHH[]UHSH(H}HuHUHMHEHHHEHHHUHEHHHH([]UH
HH}HuHUHEHHUHH}]UHSHH}HuHEHHHEHH9H[]UHHH}HEHxHUHH H}HUHEHHHEUHH
H}HuHUHMHUHMHEHHhUHHH}HuHEHBUHH}HEH]UHHH}HEHUHH}HuHEHUH]UHH0H}HuHUEHUH
MHEHHUHSH8H}HuHUHEHEHUHEHH}t9HEHHHEHHHHEHoHmHE3HHUHEHH
HRHHH8[]UHHH}HuHUHEHHUHH}HEHHHEHHE]UHH}HEH]UHSHH}HuHEHHHEHHtHHH[]UHSHH}Hu
HEHHHEHH9H[]UHH}HEH]UHHH}HuHUHEH5.HHEHPHEHUHHH}HEH5HmUHATSHHHDL0L(@<HEHc
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H}HPHHpHHEHtHHEHHHHHEH#HHEHSHHPH?HpH0HEH$HHH[A\]UHATSHH84L
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HHQHEHxHEHIHH@HLHHtHQHHEHEHHHHUHHHEHH+HEHHHEHHEHHHH[A\]UHHH}HEH8HHEH
HHEHHzHEHHhHEHHVHEHHDHEHH2HEH`HHEHH|HEHHjHEHHXHEH@HFHEHHHEHHHEHHHEHHH
EHHHEHpHHEHPHHEH0HHEHHUHH}HuHEHHUHH]UHSHHHH@H8H0EHHt
E}uHHjtt$qEr}uHHtt>$E2%}H8E)HHHHHH5%HHHHHHHH8HHHHHHHHHH@HH@HH@HwH@H[H@HH
@HH@HvH@H_H@HHH@H1HHHHHpHOHpHHHHHHHHHHH*HOHHTHHH0HH0H0HH0HHHHHMHH9
HH%HHHHHHHHHH0LHHHH@HMIHgEEHH!H@HHH}H8EHHOHHOH
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HH%nHH,HEH8H]HEH:HUHHEHHHuH8HHHEHYHEHv\~pEHUH\HHf
EEHcHMHHEHEHE\HE)\^t
fvEXHXHEtHHC}~DXuXX~XHHHHHHHHHH
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HUHMH@HHE}t>HEHHH.HH.HHHEH
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HEHAH8HUHuHHBHEHHEH 6IHLHHEHHEHHHaH8H[A\]UHATSHHHHHHEHHHEH<H
HHHHHHHH HH(HH0HH8HH@HHHHHPHHXHH`HH,HhHHUHuHH7E}t>HEHHH0.HH..HHHEH
HHEHEHUHuHH4HEHxHHHH5HHEHHHUHuHHHEHHEH6IHfLHHEHHEHvHHHH[A\]UH}E1wkHHHcHH
HFH"=H14HC+HI"HSH[HeHr]UHHHhHhH!HHpHHluE%=@uUHH}]UHSHHHHHHHEEH
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HH HHHAHEHH HHH HHHiH[]UH}uE#E]UH}uEE]UH}E]UHHH}uHEUHEHEUHHH}uHEU~HEHEUHH
H}uUHE@EEmHEHHUE&HEHHDEUHHH}HEJH|HEUH}E]UHH}HuHEHE9}HEHE]UHEE]H.HtH
.1H .Ht
H11HHpHa*Ht3UHSHO*HHHHuH[]f.HH../../OpenSSL_1_1_1c/crypto/aes/aes_ige.cassertion failed: in && out
&& key && ivecassertion failed: (AES_ENCRYPT == enc) || (AES_DECRYPT == enc)assertion failed: (length %
AES_BLOCK_SIZE) == 0aes(partial)000hhh!!!xxxPPP999rrr bbb<<<>>>~~~~^^^***
eeewwwWWWCCCVVV@@@MMMccclllddddjjjSSS888""""vvv:::XXXggg555

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jjj000666888@@@|||999///444CCCDDDTTT{{{222###===LLLBBBNNN...fff(((${$$vvv[[[IIImmm%%%rrrdddhh
h\\\]]]eeelllpppHHHPPP^^^FFFWWW

XXXEEE,,,???kkk:::AAAOOOgggssttt""""555777uuunnnGGGqqq)))ooobbbVVV>>>KKKyyy
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III###OOOPPPWWW{{{eee;;;>>>%%%~~~999gggvvvCCChhh444pppyyy000QQQKKK'''555nnn$$$___uuu,,,]]]
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6???444qqq111###'''uuu ,,,nnnZZZRRR;;;)))///SSS
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!(]../../OpenSSL_1_1_1c/crypto/asn1/a_bitstr.c../../OpenSSL_1_1_1c/crypto/asn1/a_d2i_fp.c../../OpenSSL_1_1_1c/c
rypto/asn1/a_digest.c../../OpenSSL_1_1_1c/crypto/asn1/a_dup.c../../OpenSSL_1_1_1c/crypto/asn1/a_i2d_fp.c../../O
penSSL_1_1_1c/crypto/asn1/a_int.c../../OpenSSL_1_1_1c/crypto/asn1/a_mbstr.cminsize=maxsize=../../OpenSSL_1
_1_1c/crypto/asn1/a_object.c<INVALID>../../OpenSSL_1_1_1c/crypto/asn1/a_sign.c#\%02X\W%08lX\U%04lX\\

+ ; = ../../OpenSSL_1_1_1c/crypto/asn1/a_strex.c0123456789ABCDEFx(@
../../OpenSSL_1_1_1c/crypto/asn1/a_strnid.cMASK:nombstrpkixutf8only
@((((@(@(01(6(7(c(d(e(i@(
BCD
XH8;Zx0Ncc;;;JanFebMarAprMayJunJulAugSepOctNovDec%04d%02d%02d%02d%02d%02dZ%02d%02d%02d
%02d%02d%02dZ GMT%s %2d %02d:%02d:%02d %d%sBad time
valueASN1_TIME../../OpenSSL_1_1_1c/crypto/asn1/a_time.c%s %2d %02d:%02d:%02d%.*s
%d%s../../OpenSSL_1_1_1c/crypto/asn1/a_verify.c../../OpenSSL_1_1_1c/crypto/asn1/ameth_lib.cadding objectasn1
parse errorasn1 sig parse erroraux errorbad object headerbmpstring is wrong lengthbn libboolean is wrong
lengthbuffer too smallcontext not initialiseddata is wrongdepth exceedederror getting timeerror loading sectionerror
setting cipher paramsexpecting an integerexpecting an objectexplicit length mismatchexplicit tag not
constructedfield missingfirst num too largeheader too longillegal bitstring formatillegal booleanillegal
charactersillegal formatillegal hexillegal implicit tagillegal
integerillegal negative valueillegal nested taggingillegal nullillegal null valueillegal objectillegal optional anyillegal
paddingillegal tagged anyillegal time valueillegal zero contentinteger not ascii formatinteger too large for
longinvalid bit string bits leftinvalid bmpstring lengthinvalid digitinvalid modifierinvalid numberinvalid object
encodinginvalid scrypt parametersinvalid separatorinvalid string table valueinvalid utf8stringinvalid valuemime no
content typemime parse errormime sig parse errormissing eocmissing second numbermissing valuemstring not
universalmstring wrong tagnested asn1 stringnested too deepnon hex charactersnot enough datano matching choice
typeno multipart body failureno multipart boundaryno sig content typenull is wrong lengthobject not ascii formatodd
number of charssecond number too largesequence length mismatchsequence not constructedsequence or set needs
configshort linesig invalid mime typestreaming not supportedstring too longstring too shorttime
not ascii formattype not constructedtype not primitiveunexpected eocunknown formatunknown object typeunknown
public key typeunknown signature algorithmunknown tagunsupported cipherunsupported public key
typeunsupported typewrong integer typewrong public key
typea2d_ASN1_OBJECTa2i_ASN1_INTEGERa2i_ASN1_STRINGappend_expasn1_bio_initASN1_BIT_STRING
_set_bitasn1_cbasn1_check_tlenasn1_collectasn1_d2i_ex_primitiveASN1_d2i_fpasn1_d2i_read_bioASN1_digestas
n1_do_adbasn1_do_lockASN1_dupasn1_enc_saveasn1_ex_c2iasn1_find_endASN1_GENERALIZEDTIME_adjAS
N1_generate_v3asn1_get_int64ASN1_get_objectasn1_get_uint64ASN1_i2d_bioASN1_i2d_fpASN1_item_d2i_fpA
SN1_item_dupasn1_item_embed_d2iasn1_item_embed_newasn1_item_flags_i2dASN1_item_i2d_bioASN1_item_i
2d_fpASN1_item_packASN1_item_signASN1_item_sign_ctxASN1_item_unpackASN1_item_verifyASN1_mbstri
ng_ncopyASN1_OBJECT_newasn1_output_dataASN1_PCTX_newasn1_primitive_newASN1_SCTX_newASN1_
signasn1_str2typeasn1_string_get_int64asn1_string_get_uint64ASN1_STRING_setASN1_STRING_TABLE_adda
sn1_string_to_bnASN1_STRING_type_newasn1_template_ex_d2iasn1_template_newasn1_template_noexp_d2iAS
N1_TIME_adjASN1_TYPE_get_int_octetstringASN1_TYPE_get_octetstringASN1_UTCTIME_adjASN1_verifyb
64_read_asn1B64_write_ASN1BIO_new_NDEFbitstr_cbbn_to_asn1_stringc2i_ASN1_BIT_STRINGc2i_ASN1_I
NTEGERc2i_ASN1_OBJECTc2i_ibufc2i_uint64_intcollect_datad2i_ASN1_OBJECTd2i_ASN1_UINTEGERd2i_
AutoPrivateKeyd2i_PrivateKeyd2i_PublicKeydo_bufdo_createdo_dumpdo_tcreatei2a_ASN1_OBJECTi2d_ASN1_
bio_streami2d_ASN1_OBJECTi2d_DSA_PUBKEYi2d_EC_PUBKEYi2d_PrivateKeyi2d_PublicKeyi2d_RSA_PU
BKEYlong_c2indef_prefixndef_suffixoid_module_initparse_taggingPKCS5_pbe2_set_ivPKCS5_pbe2_set_scryptP
KCS5_pbe_setPKCS5_pbe_set0_algorPKCS5_pbkdf2_setpkcs5_scrypt_setSMIME_read_ASN1SMIME_textstable
_getstbl_module_inituint32_c2iuint32_newuint64_c2iuint64_newX509_CRL_add0_revokedX509_INFO_newx509
_name_encodex509_name_ex_d2ix509_name_ex_newX509_PKEY_newcipher
has no object identifierdigest and key type not supportedillegal
options on item templateinvalid universalstring lengththe asn1 object identifier is not known for this
mduniversalstring is wrong lengthunknown message digest algorithmunsupported any defined by
typestring=Char=tag=ASCIIUTF8HEXBITLISTBOOLENUMOIDUTCGENTIMEOCTOCTETSTRINGBITSTRB
ITSTRINGUNIVIA5UTF8StringBMPVISIBLET61TELETEXSTRINGGeneralStringGENSTRNUMERICNUMER

ICSTRINGSEQEXPEXPLICITIMPIMPLICITOCTWRAPSEQWRAPSETWRAPBITWRAPFORMFORMAT../../OpenSSL_1_1_1c/crypto/asn1/asn1_gen.c3KKXsX-U../../OpenSSL_1_1_1c/crypto/asn1/asn1_lib.c(unknown)cons:prim: BAD RECURSION DEPTH
Error in encoding
%5ld:d=%-2d hl=%ld l=%4ld d=%-2d hl=%ld l=inf priv [%d] cont [%d]appl [%d]<ASN1 %d>length is greater than %ld
:BAD OBJECT:BAD BOOLEAN:%u[HEX DUMP]::BAD INTEGER:BAD ENUMERATED:[EOCBIT STRINGOCTET STRINGOBJECT DESCRIPTOREXTERNALREAL<ASN1 11><ASN1 13><ASN1 14><ASN1 15>VIDEOTEXSTRINGGRAPHICSTRING<ASN1 29>%-18s../../OpenSSL_1_1_1c/crypto/asn1/asn_mime.cContent-Type: multipart/signed;This is an S/MIME signed
 message%s%sContent-Transfer-Encoding: base64%sContent-Disposition: attachment;Content-Transfer-Encoding: base64%s%scontent-typemultipart/signedapplication/x-pkcs7-signatureapplication/pkcs7-signaturetype: application/x-pkcs7-mimeapplication/pkcs7-mimeContent-Type: text/plain

-----BEGIN %s-----
-----END %s-----
application/x-pkcs7-application/pkcs7-smime.p7mcerts-onlysigned-receiptcompressed-datasmime.p7zsigned-dataenveloped-dataMIME-Version: 1.0%s protocol="%ssignature"; micalg="sha-256sha-384sha-512"; boundary="----%s"%s%s%s------%s%sContent-Type: %ssignature; name="smime.p7s"%s filename="smime.p7s"%s%s%s------%s--%s%s name="%s"%s filename="%s"%sContent-Type: %smime; smime-type=%s;text/plain
7777777777777777000000000000000../../OpenSSL_1_1_1c/crypto/asn1/asn_moid.coid_section../../OpenSSL_1_1_1c/crypto/asn1/asn_mstbl.cnomask,
value=field=stbl_section../../OpenSSL_1_1_1c/crypto/asn1/asn_pack.c../../OpenSSL_1_1_1c/crypto/asn1/bio_asn1.cdddx``../../OpenSSL_1_1_1c/crypto/asn1/bio_ndef.c../../OpenSSL_1_1_1c/crypto/asn1/d2i_pr.c../../OpenSSL_1_1_1c/crypto/asn1/d2i_pu.c../../OpenSSL_1_1_1c/crypto/asn1/evp_asn1.casn1_int_oct\
0123456789ABCDEF../../OpenSSL_1_1_1c/crypto/asn1/f_int.c../../OpenSSL_1_1_1c/crypto/asn1/f_string.c../../OpenSSL_1_1_1c/crypto/asn1/i2d_pr.c../../OpenSSL_1_1_1c/crypto/asn1/i2d_pu.cNETSCAPE_PKEYNETSCAPE_ENCRYPTED_PKEYenckeyNETSCAPE_CERT_SEQUENCE../../OpenSSL_1_1_1c/crypto/asn1/p5_pbe.cPBEPARAMiter../../OpenSSL_1_1_1c/crypto/asn1/p5_pbev2.cPBKDF2PARAMPBE2PARAMkeyfunc../../OpenSSL_1_1_1c/crypto/asn1/p5_scrypt.cSCRYPT_PARAMScostParameterblockSizeparallelizationParameterkeyLengthPKCS8_PRIV_KEY_INFOpkeyalgattributes%02x%s
 (Negative)%s 0
%s %s%lu (%s0x%lx)
../../OpenSSL_1_1_1c/crypto/asn1/t_pkey.cUNKNOWNNetscape SPKI:
 Public Key Algorithm: %s
 Unable to load public key
 Challenge String: %s
 Signature Algorithm: %s
    ../../OpenSSL_1_1_1c/crypto/asn1/tasn_dec.cBBHBBBBABBBHBPQO[OMNQ_^x]`P]\^\iglf,f,ilgg@igvjfiPgg@ @,
Type=Field=p0pppppppppprtrDrrrdoqrrrDrPsvssttXtstsst|tDt../../OpenSSL_1_1_1c/crypto/asn1/tasn_enc.c../../OpenSSL_1_1_1c/crypto/asn1/tasn_fre.c4lY44H=H../../OpenSSL_1_1_1c/crypto/asn1/tasn_new.c,#L`p`|T`Mxd\tHhmmX
ggQ=gEMPTYTRUEFALSE%*s%s
 OF %s {
%*s%s:
<ABSENT>
NULL

BOOL ABSENT%s (%s) (%ld unused bits)
ERROR: selector [%d] invalid
%*s}
Unprocessed type %d
%*s<%s>
:EXTERNAL TYPE %s
../../OpenSSL_1_1_1c/crypto/asn1/tasn_prn.c`X`0T!!!88!!!!!!!!!!!!!FQFF9!8vvn
../../OpenSSL_1_1_1c/crypto/asn1/tasn_scn.cASN1_SET_ANYASN1_SEQUENCE_ANYASN1_OCTET_STRING_NDEFASN1_FBOOLEANASN1_TBOOLEANASN1_BOOLEANDIRECTORYSTRINGDISPLAYTEXTASN1_PRINTABLEASN1_SEQUENCEASN1_ANYASN1_NULLASN1_BMPSTRINGASN1_UNIVERSALSTRINGASN1_VISIBLESTRINGASN1_GENERALIZEDTIMEASN1_UTCTIMEASN1_GENERALSTRINGASN1_T61STRINGASN1_PRINTABLESTRINGASN1_UTF8STRING../../OpenSSL_1_1_1c/crypto/asn1/tasn_utl.cX509_ALGORSX509_ALGORCBIGNUM../../OpenSSL_1_1_1c/crypto/asn1/x_info.c../../OpenSSL_1_1_1c/crypto/asn1/x_int64.c%jd
%ju
ZUINT64ZINT64ZUINT32ZINT32ZLONG../../OpenSSL_1_1_1c/crypto/asn1/x_long.c../../OpenSSL_1_1_1c/crypto/asn1/x_pkey.cX509_SIGNETSCAPE_SPKIspkacsig_algorNETSCAPE_SPKACchallengeX509_VALnotBeforenotAfter../../OpenSSL_1_1_1c/crypto/async/arch/async_posix.c../../OpenSSL_1_1_1c/crypto/async/async.cfailed
 to set poolfailed to swap contextinit failedinvalid pool
sizeasync_ctx_newASYNC_init_threadasync_job_newASYNC_pause_jobasync_start_funcASYNC_start_jobASYNC_WAIT_CTX_set_wait_fd../../OpenSSL_1_1_1c/crypto/async/async_wait.cblowfish(ptr)Xj?$.Dsp"8
1).lN!(Ew8fTl4)P|? Gy1r/~&jE|,G$l iciNWqX~=t
XrXqJT{YZ90`*#`(yA8y:`l>w'K1/x`\`U%UUbHW@cj9U*4\ATr|*oc]+1t>\3\$lS2zw(H;Kk!(f
a!`|H2]]]u#&e>#om9BD. Ji^Bh!lagQjh/T(3Qln;zP;*~ev9>YfCoE}^;uos D@jVbNw?6r=B$7H
IrS{y%P;LylO`@\^c$johSl>9oR;Qm,0DE ^J3(fK.WtE9_yU
2`yr,@%g"2u<kaP/R=2`#H{1S>W\o.ViB~(2gsUO'[iX]=!lJ[-ySeEIK3~Ab Lw6~+Mqk%/[<ud+
^Oh"//w-utoO;|f_wsw!e wBT5>{AI~-%^q h"W6d$ cUYCxSZ[} v&bhAJsN-GJ{RQ)S?Wv`+toWk
*!ec.4dV]-SGjnpzKD). u#&n}I`fqilRdV6)L u@Y>:T?eB[k?08-M]% L&pc^?kh ><pjk5hRS7P>\D}W7:
Pt<Xz%! /|sG2G":74vFaD>Au8/;21>8TNmO
Bo
,y|$ryVw.?rU$qk.PGXzt}K:zfC cdG27;C$CMQe*P:qUN1w_V5k;< $Y,n<pEo
^*>Zw=Ne)>%fRxL.jxS<-
N=+6&9`y#RnfE{7(2Zl!Xeh;/}*/n[(!pa)uGa0a4c\s9pL,b`\ndi#PZe2Zh@*<1!T_~}=b7w-_h)5XxWcr"F
T0.SH(1mX4a(s<|J]d]B>
 EOlOBBj;Oe!AyMjGKPb=bF&[$tiGV[Htb#*BXU>ap?#r3A~_;"lY7|`t@n2wPU5aiZ.zD4EgsUy_g@Cge48>q(=
m!>J=+hZ=@&L4)i Av.khq$j 3CaP.9FE$tO!@MpE/f m1'A9UG%
%xP()S,
mbhiHh'?Oz|_7xB*k@5 9N;VmK1f&tn:2C[Ah xN
V@E'H::SU kKgUXc)3VJ*%1?~^|1)p/'\,(H"m?HAyG@n]Q_2d5A4x{%`*`lc2Of#k>3b$;"
r(-Exb}doITH}'>AcG
t.no:7`L
knU{7,gm;e'
)9i{f}^/$[Qy{;v.97yY&-1.Bh;+jLu.x7BjQPcKk%=YBD
n*Ngd_dW{x`M``F8Ew63kBqA_^<Ww$BFUa.XXN8tfStUuFa&zyj_YnFpW ULHbtu -f3F2Z %Jn=ih(9WRO^P'
'A?wL`a(zX`b}0c8#S4V}vY o|K=
r9$||_rMr[xUT|=M^Pa<QloNV*6742cg`@79:7w-Zg\B7O@'s~-{kE!nn6j/HWynvIeS}F
sML9)PF&^Q-jc".$CaMjP[d&(::KbU/Rio?Y
w >;Z4,Q+:}}>(-}|%rZLZq)GW;()f(.y_xU`uD^mm%adW<'*:m?!cf&(3uU4V<wQ(

gQ_QM08bX7 z{>d!Q2Ow~F=)iSHd$m-if!
FEdlX [@Xk~jEY:D
5>rdfGo<c]/TwpcN
tW[qr]}S@@NjF4(:Hn;?o 5K'r'`a?+y:%E49KyQ2/~IO8
*9g6|1O+Y:CE',"*q%aYd^jePBn;Ldx22+4qAt
4K
q2v5./GoTLybo~>f,"W##v215VbuZ6nsbIPLVq
z2E{Sb%5iq"|+v>S@`8G% 8vFw``u Nz~L\Hji\-% ?2aN[wWr:../../OpenSSL_1_1_1c/crypto/bio/b_addr.c%*s%04x
-
%02x%c%02X:../../OpenSSL_1_1_1c/crypto/bio/b_print.c0123456789abcdef0123456789<NULL>`c<<<<<<<<<<
<<<<<<<<<<<<<<<<<<<l<4<<<<l<<<<<<<<hP8("jVndbZ1ZZL$TTTT

to create socketunable to keepaliveunable to listen socketunable to nodelayunable to reuseaddrunavailable ip familyuninitializedunknown info typeunsupported ip familyunsupported methodunsupported protocol familywrite to read only
BIOWSAStartupacpt_stateaddrinfo_wrapaddr_stringsBIO_acceptBIO_accept_exBIO_ACCEPT_newBIO_ADDR_newBIO_bindBIO_callback_ctrlBIO_connectBIO_CONNECT_newBIO_ctrlBIO_getsBIO_get_host_ipBIO_get_new_indexBIO_get_portBIO_listenBIO_lookupBIO_lookup_exbio_make_pairBIO_meth_newBIO_newBIO_new_dgram_sctpBIO_new_fileBIO_new_mem_bufBIO_nreadBIO_nread0BIO_nwriteBIO_nwrite0BIO_parse_hostservBIO_putsBIO_readBIO_read_exbio_read_internBIO_socketBIO_socket_nbioBIO_sock_infoBIO_sock_initBIO_writeBIO_write_exbio_write_internconn_ctrlconn_statedgram_sctp_newdgram_sctp_readdgram_sctp_writedoapr_outchfile_readlinebuffer_ctrllinebuffer_newmem_writenbiof_newslg_writeSSL_newgethostbyname
addr is not af inetno accept addr or service specifiedno hostname or service
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errortype not compressed datatype not digested datatype not encrypted datatype not enveloped dataunable to finalize contextunknown cipherunknown digest algorithmunknown idunsupported content typeunsupported kek algorithmunsupported recipient typeunwrap errorunwrap failureverification failurecheck_contentCMS_add0_certCMS_add0_recipient_keyCMS_add0_recipient_passwordCMS_add1_ReceiptRequestCMS_add1_recipient_certCMS_add1_signercms_add1_signingTimeCMS_compresscms_CompressedData_createcms_CompressedData_init_biocms_copy_contentcms_copy_messageDigestCMS_dataCMS_dataFinalCMS_dataInitCMS_decryptCMS_decrypt_set1_keyCMS_decrypt_set1_passwordCMS_decrypt_set1_pkeycms_DigestAlgorithm_find_ctxcms_DigestAlgorithm_init_biocms_DigestedData_do_finalCMS_digest_verifycms_encode_ReceiptCMS_encryptcms_EncryptedContent_initcms_EncryptedContent_init_bioCMS_EncryptedData_decryptCMS_EncryptedData_encryptCMS_EncryptedData_set1_keyCMS_EnvelopedData_createcms_EnvelopedData_init_biocms_enveloped_data_initcms_env_asn1_ctrlCMS_finalcms_get0_certificate_choicesCMS_get0_contentcms_get0_econtent_typecms_get0_envelopedcms_get0_revocation_choicescms_get0_signedcms_msgSigDigest_add1CMS_ReceiptRequest_create0cms_Receipt_verifyCMS_RecipientInfo_decryptCMS_RecipientInfo_encryptcms_RecipientInfo_pwri_cryptCMS_RecipientInfo_set0_keyCMS_RecipientInfo_set0_pkeycms_sd_asn1_ctrlcms_set1_iascms_set1_keyidcms_set1_SignerIdentifierCMS_set_detachedCMS_signcms_signed_data_initcms_SignerInfo_content_signCMS_SignerInfo_signCMS_SignerInfo_verifycms_signerinfo_verify_certCMS_SignerInfo_verify_contentCMS_sign_receiptCMS_streamCMS_uncompressCMS_verifykek_unwrap_keycipher

parameter initialisation errorcontent type not compressed datacontent type not enveloped dataerror reading messagedigest attributeinvalid key encryption parametermessagedigest attribute wrong lengthmsgsigdigest verification failureprivate key does not match certificateunsupported compression algorithmunsupported key encryption algorithmunsupported recipientinfo typecms_RecipientInfo_kari_encryptCMS_RecipientInfo_kari_get0_algCMS_RecipientInfo_kari_get0_orig_idCMS_RecipientInfo_kari_get0_reksCMS_RecipientInfo_kari_orig_id_cmpcms_RecipientInfo_kekri_decryptcms_RecipientInfo_kekri_encryptCMS_RecipientInfo_kekri_get0_idCMS_RecipientInfo_kekri_id_cmpCMS_RecipientInfo_ktri_cert_cmpcms_RecipientInfo_ktri_decryptcms_RecipientInfo_ktri_encryptCMS_RecipientInfo_ktri_get0_algsCMS_RecipientInfo_ktri_get0_signer_idCMS_RecipientInfo_set0_password../../OpenSSL_1_1_1c/crypto/cms/cms_ess.c../../OpenSSL_1_1_1c/crypto/cms/cms_io.cCMS../../OpenSSL_1_1_1c/crypto/cms/cms_kari.c../../OpenSSL_1_1_1c/crypto/cms/cms_lib.c$4Tt../../OpenSSL_1_1_1c/crypto/cms/cms_pwri.c../../OpenSSL_1_1_1c/crypto/cms/cms_sd.c../../OpenSSL_1_1_1c/crypto/cms/cms_smime.csmime_signVerify error:(undef)zlib deflate errorzlib inflate errorzlib not

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%*s   ******%*sSigned Certificate Timestamp:../../OpenSSL_1_1_1c/crypto/ct/ct_sct.c../../OpenSSL_1_1_1c/crypto/ct/ct_sct_ctx.c../../OpenSSL_1_1_1c/crypto/ct/ct_vfy.c../../OpenSSL_1_1_1c/crypto/ct/ct_x509v3.c@@@@@@@@@hHHHH@@@@@@@@@@@@@@@@@@(

@OpenSSL 1.1.1c 28 May 2019platform: linux-x86_64OPENSSLDIR:
"/usr/local/ssl"not availablebuilt on: Tue May 18 03:58:47 2021 UTCENGINESDIR: "/usr/local/lib64/engines-1.1"`ApAAAAAcompiler: /home/buildmaster/sw/centaurea/gcc-7.4.0-rhel6/bin/x86_64-linux-gnu-gcc -fPIC -pthread -m64 -Wa,--noexecstack -Wall -O3 -DOPENSSL_USE_NODELETE -DL_ENDIAN -DOPENSSL_PIC -DOPENSSL_CPUID_OBJ -DOPENSSL_IA32_SSE2 -DOPENSSL_BN_ASM_MONT -DOPENSSL_BN_ASM_MONT5 -DOPENSSL_BN_ASM_GF2m -DSHA1_ASM -DSHA256_ASM -DSHA512_ASM -DKECCAK1600_ASM -DRC4_ASM -DMD5_ASM -DAES_ASM -DVPAES_ASM -DBSAES_ASM -DGHASH_ASM -DECP_NISTZ256_ASM -DX25519_ASM -DPOLY1305_ASM -DNDEBUG@@@@h@P@8@ADpEEEDE`ExDDD@DEEDEDCPLLLLpLPLKOOOOO|OlO\OLOHKKHLHK}HpHNONNONNNtNVVVVWVV`UpW,U,UUUTTTS\WRRW|RWiRVURHRUUVUVUVUtU$ 0@Pp[PD@/`
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DH Private-Key%s: (%d bit)
private-key:public-key:prime:generator:subgroup order:subgroup factor:seed:counter:DH ParametersDH Public-KeyX9.42 DHOpenSSL X9.42 DH methodOpenSSL PKCS#3 DH methodrecommended-private-length: %d bits
../../OpenSSL_1_1_1c/crypto/dh/dh_ameth.c../../OpenSSL_1_1_1c/crypto/dh/dh_asn1.cint_dhx942_dhint_dhvparamscounter../../OpenSSL_1_1_1c/crypto/dh/dh_check.cbad generatorbn decode errorcheck invalid j valuecheck invalid q valuecheck pubkey
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s: priv:pub: P: Q: G: OpenSSL DSA
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post failureladder pre failureladder step failuremissing private keyneed new setup valuesnot a NIST primeoperation not supportedpassed null parameterpkparameters2group failurepoint arithmetic failurepoint at infinitypoint is not on curveslot fullundefined generatorundefined
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does not support signingpoint coordinates blind failurerandom number generation failedec_GF2m_montgomery_point_multiplyec_GF2m_simple_group_check_discriminantec_GF2m_simple_group _set_curveec_GF2m_simple_point_get_affine_coordinatesec_GF2m_simple_point_set_affine_coordinatesec_GF2 m_simple_set_compressed_coordinatesec_GFp_nistp224_group_set_curveec_GFp_nistp224_point_get_affine_coor dinatesec_GFp_nistp256_group_set_curveec_GFp_nistp256_point_get_affine_coordinatesec_GFp_nistp521_group _set_curveec_GFp_nistp521_point_get_affine_coordinatesec_GFp_simple_blind_coordinatesec_GFp_simple_grou p_check_discriminantec_GFp_simple_points_make_affineec_GFp_simple_point_get_affine_coordinatesec_GFp_si mple_point_set_affine_coordinatesec_GFp_simple_set_compressed_coordinatesEC_GROUP_get_pentanomial_bas isEC_GROUP_new_from_ecparametersEC_GROUP_new_from_ecpkparametersEC_KEY_set_public_key_affine_ coordinatesEC_POINT_get_affine_coordinatesEC_POINT_get_affine_coordinates_GF2mEC_POINT_get_affine_c oordinates_GFpEC_POINT_get_Jprojective_coordinates_GFpEC_POINT_set_affine_coordinatesEC_POINT_set_a ffine_coordinates_GF2mEC_POINT_set_affine_coordinates_GFpEC_POINT_set_compressed_coordinatesEC_POI NT_set_compressed_coordinates_GF2mEC_POINT_set_compressed_coordinates_GFpEC_POINT_set_Jprojective _coordinates_GFp../../OpenSSL_1_1_1c/crypto/ec/ec_key.c../../OpenSSL_1_1_1c/crypto/ec/ec_kmeth.cOpenSSL
EC_KEY
method../../OpenSSL_1_1_1c/crypto/ec/ec_lib.c../../OpenSSL_1_1_1c/crypto/ec/ec_mult.c../../OpenSSL_1_1_1c/cr

ypto/ec/ec_oct.cec_paramgen_curveec_param_encexplicitecdh_kdf_mdecdh_cofactor_mode../../OpenSSL_1_1_1c/crypto/ec/ec_pmeth.c../../OpenSSL_1_1_1c/crypto/ec/ec_print.c../../OpenSSL_1_1_1c/crypto/ec/ecdh_ossl.c../../OpenSSL_1_1_1c/crypto/ec/ecdsa_ossl.c../../OpenSSL_1_1_1c/crypto/ec/ecdsa_sign.c../../OpenSSL_1_1_1c/crypto/ec/ecdsa_vrf.c../../OpenSSL_1_1_1c/crypto/ec/eck_prn.cASN1 OID: %sNIST CURVE: %s
Field Type: %s
Basis Type: %s
Polynomial:A: Prime:B: Generator (compressed):Order: Generator (uncompressed):Generator (hybrid):Cofactor: Seed:../../OpenSSL_1_1_1c/crypto/ec/ecp_mont.c../../OpenSSL_1_1_1c/crypto/ec/ecp_nist.c../../OpenSSL_1_1_1c/crypto/ec/ecp_nistz256.c

yL$oIyFYk+9E(V-
f../../OpenSSL_1_1_1c/crypto/ec/ecp_oct.c../../OpenSSL_1_1_1c/crypto/ec/ecp_smpl.c../../OpenSSL_1_1_1c/crypto/ec/ecx_meth.c%*s<INVALID
PRIVATE KEY>
%*s%s Private-Key:
%*s<INVALID PUBLIC KEY>
%*s%s Public-Key:
ED448OpenSSL ED448 algorithmED25519OpenSSL ED25519 algorithmX448OpenSSL X448 algorithmX25519OpenSSL X25519 algorithm../../OpenSSL_1_1_1c/crypto/engine/eng_cnf.cengine_idsoft_loaddynamic_pathdynamicSO_PATHLIST_ADDdefault_algorithms,
name=engines../../OpenSSL_1_1_1c/crypto/engine/eng_ctrl.c444|4]484/4../../OpenSSL_1_1_1c/crypto/engine/eng_dyn.cDynamic engine loading supportSpecifies the path to the new ENGINE shared librarySpecifies to continue even if version checking fails (boolean)Specifies an ENGINE id name for loadingWhether to add a loaded ENGINE to the internal list (0=no,1=yes,2=mandatory)Specifies whether to load from 'DIR_ADD' directories (0=no,1=yes,2=mandatory)Adds a directory from which ENGINEs can be loadedLoad up the ENGINE specified by other settingsv_checkbind_engineNO_VCHECKDIR_LOADDIR_ADD:9X;8;;9X:argument
is not a numbercmd not executablecommand takes inputcommand takes no inputconflicting engine idctrl command not implementedDSO failuredso not foundengines section errorengine configuration errorengine is not in the listengine section errorfailed loading private keyfailed loading public keyfinish failed'id' or 'name' missinginternal list errorinvalid cmd nameinvalid cmd numberinvalid init valueinvalid stringnot loadedno control functionno indexno load functionno referenceno such engineunimplemented cipherunimplemented digestversion incompatibilitydigest_updatedynamic_ctrldynamic_get_data_ctxdynamic_loaddynamic_set_data_ctxENGINE_add ENGINE_by_idENGINE_cmd_is_executableENGINE_ctrlENGINE_ctrl_cmdENGINE_ctrl_cmd_stringENGINE_finishENGINE_get_cipherENGINE_get_digestENGINE_get_firstENGINE_get_lastENGINE_get_nextENGINE_get_pkey_asn1_methENGINE_get_pkey_methENGINE_get_prevENGINE_initengine_list_addengine_list_removeENGINE_load_private_keyENGINE_load_public_keyENGINE_load_ssl_client_certENGINE_newENGINE_pkey_asn1_find_strENGINE_removeENGINE_set_default_stringENGINE_set_idENGINE_set_nameengine_table_registerengine_unlocked_finishENGINE_up_refint_cleanup_itemint_ctrl_helperint_engine_configureint_engine_module_initossl_hmac_initunimplemented
public key
methodRANDCIPHERSDIGESTSPKEY_CRYPTOPKEY_ASN1str=../../OpenSSL_1_1_1c/crypto/engine/eng_fat.c../../OpenSSL_1_1_1c/crypto/engine/eng_init.c../../OpenSSL_1_1_1c/crypto/engine/eng_lib.c../../OpenSSL_1_1_1c/crypto/engine/eng_list.c/usr/local/lib64/engines-1.1OPENSSL_ENGINESid=(TEST_ENG_OPENSSL_PKEY)Loading Private key %s (TEST_ENG_OPENSSL_RC4) test_init_key() called
openssslSoftware engine support../../OpenSSL_1_1_1c/crypto/engine/eng_pkey.crdrandIntel RDRAND engine../../OpenSSL_1_1_1c/crypto/engine/eng_table.c../../OpenSSL_1_1_1c/crypto/engine/tb_asnmth.c../../OpenS

SL_1_1_1c/crypto/engine/tb_cipher.c../../OpenSSL_1_1_1c/crypto/engine/tb_digest.c../../OpenSSL_1_1_1c/crypto/engine/tb_pkmeth.clib(%lu)func(%lu)reason(%lu)error:%08lX:%s:%s:%serr:%lx:%lx:%lx:%lxsystem
libBN libRSA libDH libEVP libBUF libOBJ libPEM libX509 libASN1 libEC libBIO libPKCS7 libX509V3 libENGINE libUI libSTORE libECDSA libnested asn1 errormissing asn1 eosmalloc failurepassed a null parameterinit failoperation failgetservbynameioctlsocketopendirfreadgetaddrinfogetnameinfogetsocknamegethostbynamefflushcloseioctlfcntlfstatunknown librarysystem librarybignum routinesrsa routinesDiffie-Hellman routinesdigital envelope routinesmemory buffer routinesobject identifier routinesPEM routinesdsa routinesx509 certificate routinesasn1 encoding routinesconfiguration file routinescommon libcrypto routineselliptic curve routinesECDSA routinesECDH routinesSSL routinesBIO routinesPKCS7 routinesX509 V3 routinesPKCS12 routinesrandom number generatorDSO support routinestime stamp routinesengine routinesOCSP routinesUI routinesFIPS routinesCMS routinesHMAC routinesCT routinesASYNC routinesKDF routinesSTORE routinesSM2 routines../../OpenSSL_1_1_1c/crypto/err/err.ccalled
a function you should not callcalled a function that was disabled at compile-time%lu:%s:%s:%d:%s ../../OpenSSL_1_1_1c/crypto/evp/bio_b64.cassertion failed: ctx->buf_off < (int)sizeof(ctx->buf)assertion failed: ctx->buf_len <= (int)sizeof(ctx->buf)assertion failed: ctx->buf_len >= ctx->buf_offassertion failed: ctx->buf_off <= (int)sizeof(ctx->buf)assertion failed: ctx->tmp_len <= 3assertion failed: ctx->buf_off + i < (int)sizeof(ctx->buf)assertion failed: i <= nbase64 encoding../../OpenSSL_1_1_1c/crypto/evp/bio_enc.c../../OpenSSL_1_1_1c/crypto/evp/bio_ok.cThe quick brown fox jumped over the lazy dog's back.reliableDESX-CBCDESXdesxDES-EDE3-CBCDES3des3DES-EDEDES-EDE-ECBdes-ede-ecbDES-EDE3DES-EDE3-ECBdes-ede3-ecbid-smime-alg-CMS3DESwrapdes3-wrapIDEA-CBCIDEAideaSEED-CBCSEEDSM4-CBCSM4sm4rc2rc2-128RC2-64-CBCrc2-64RC2-40-CBCrc2-40BF-CBCBFbfblowfishCAST5-CBCCASTcastCAST-cbccast-cbcid-aes128-wrapAES-128-CBCAES128aes128id-aes192-wrapAES-192-CBCAES192aes192id-aes256-wrapAES-256-CBCAES256aes256ARIA-128-CBCARIA128aria128ARIA-192-CBCARIA192aria192ARIA-256-CBCARIA256aria256CAMELLIA-128-CBCCAMELLIA128camellia128CAMELLIA-192-CBCCAMELLIA192camellia192CAMELLIA-256-CBCCAMELLIA256camellia256ssl3-md5ssl3-sha1RSA-SHA1RSA-SHA1-2ripemdrmd160../../OpenSSL_1_1_1c/crypto/evp/cmeth_lib.c../../OpenSSL_1_1_1c/crypto/evp/digest.cassertion
failed: ctx->digest->md_size <= EVP_MAX_MD_SIZE../../OpenSSL_1_1_1c/crypto/evp/e_aes.cXx(D\\ghHHHHHHHHHHHHH@4576773666666666666666jjjjjjjjjjjjjjj[\X_^(_X_p[../../OpenSSL_1_1_1c/crypto/evp/e_aria.cLz|~|~|~|~|~|~|~}||~|~|~|~|~|~}z{l{|~|~D||~z`x8x../../OpenSSL_1_1_1c/crypto/evp/e_camellia.c../../OpenSSL_1_1_1c/crypto/evp/e_chacha20_poly1305.c(H`P../../OpenSSL_1_1_1c/crypto/evp/e_des3.cJ,y!../../OpenSSL_1_1_1c/crypto/evp/e_rc2.cassertion failed: l <= sizeof(iv)../../OpenSSL_1_1_1c/crypto/evp/encode.cassertion failed: ctx->length <= (int)sizeof(ctx->enc_data)>?

!"#$%&'()*+,-./0123456789:;<=>?456789:;<=

!"#$%&'()*+,-./01230123456789ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz./ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789+/../../OpenSSL_1_1_1c/crypto/evp/evp_cnf.cfips_modealg_section../../OpenSSL_1_1_1c/crypto/evp/evp_enc.cassertion
failed: bl <= (int)sizeof(ctx->buf)assertion failed: b <= sizeof(ctx->buf)assertion failed: b <= sizeof(ctx->final)assertion failed: ctx->cipher->block_size == 1 || ctx->cipher->block_size == 8 || ctx->cipher->block_size == 16assertion failed: EVP_CIPHER_CTX_iv_length(ctx) <= (int)sizeof(ctx->iv)[[haes key setup failedaria key setup failedbad decryptcamellia key setup failedcipher parameter errorcommand not supportedcopy errorctrl not implementeddifferent key typesdifferent parameterserror setting fips modeexpecting an hmac keyexpecting an rsa keyexpecting a dh keyexpecting a dsa keyexpecting a ec keyexpecting a poly1305 keyexpecting a siphash keyget raw key failedillegal scrypt parametersinput not initializedinvalid fips modeinvalid operationkeygen failurememory

limit exceededmessage
digest is nullmethod not supportednot XOF or invalid lengthno cipher setno key setno operation setonly oneshot supportedoperaton not initializedpartially overlapping bufferspbkdf2 errorprivate key decode errorprivate key encode errorpublic key not rsaunknown digestunknown optionunknown pbe algorithmunsupported algorithmunsupported keylengthunsupported key sizeunsupported number of roundsunsupported prfunsupported salt typewrap mode not allowedwrong final block
lengthaesni_init_keyaes_init_keyaes_ocb_cipheraes_t4_init_keyaes_wrap_cipheralg_module_initaria_ccm_init_keyaria_gcm_ctrlaria_gcm_init_keyaria_init_keyb64_newcamellia_init_keychacha20_poly1305_ctrlcmll_t4_init_keydes_ede3_wrap_cipherdo_sigver_initenc_newEVP_CipherInit_exEVP_CIPHER_asn1_to_paramEVP_CIPHER_CTX_copyEVP_CIPHER_CTX_ctrlEVP_CIPHER_CTX_set_key_lengthEVP_CIPHER_param_to_asn1EVP_DecryptFinal_exEVP_DecryptUpdateEVP_DigestFinalXOFEVP_DigestInit_exevp_EncryptDecryptUpdateEVP_EncryptFinal_exEVP_EncryptUpdateEVP_MD_CTX_copy_exEVP_MD_sizeEVP_OpenInitEVP_PBE_alg_addEVP_PBE_alg_add_typeEVP_PBE_CipherInitEVP_PBE_scryptEVP_PKCS82PKEYEVP_PKEY2PKCS8EVP_PKEY_asn1_add0EVP_PKEY_checkEVP_PKEY_copy_parametersEVP_PKEY_CTX_ctrlEVP_PKEY_CTX_ctrl_strEVP_PKEY_CTX_dupEVP_PKEY_CTX_mdEVP_PKEY_decryptEVP_PKEY_decrypt_initEVP_PKEY_decrypt_oldEVP_PKEY_deriveEVP_PKEY_derive_initEVP_PKEY_derive_set_peerEVP_PKEY_encryptEVP_PKEY_encrypt_initEVP_PKEY_encrypt_oldEVP_PKEY_get0_DHEVP_PKEY_get0_DSAEVP_PKEY_get0_EC_KEYEVP_PKEY_get0_hmacEVP_PKEY_get0_poly1305EVP_PKEY_get0_RSAEVP_PKEY_get0_siphashEVP_PKEY_get_raw_private_keyEVP_PKEY_get_raw_public_keyEVP_PKEY_keygenEVP_PKEY_keygen_initEVP_PKEY_meth_add0EVP_PKEY_meth_newEVP_PKEY_newEVP_PKEY_new_CMAC_keyEVP_PKEY_new_raw_private_keyEVP_PKEY_new_raw_public_keyEVP_PKEY_paramgenEVP_PKEY_paramgen_initEVP_PKEY_param_checkEVP_PKEY_public_checkEVP_PKEY_set1_engineEVP_PKEY_set_alias_typeEVP_PKEY_signEVP_PKEY_sign_initEVP_PKEY_verifyEVP_PKEY_verify_initEVP_PKEY_verify_recoverEVP_PKEY_verify_recover_initEVP_SignFinalEVP_VerifyFinalint_ctx_newok_newPKCS5_PBE_keyivgenPKCS5_v2_PBE_keyivgenPKCS5_v2_PBKDF2_keyivgenPKCS5_v2_scrypt_keyivgenpkey_set_typerc2_magic_to_methrc5_ctrls390x_aes_gcm_ctrlctrl
operation not implementeddata not multiple of block lengthoperation not supported for this keytypepkey application asn1 method already registeredunsupported key derivation functionunsupported private key algorithm../../OpenSSL_1_1_1c/crypto/evp/evp_key.cassertion failed: nkey <= EVP_MAX_KEY_LENGTHassertion failed: niv <= EVP_MAX_IV_LENGTH../../OpenSSL_1_1_1c/crypto/evp/evp_lib.cassertion failed: l <= sizeof(c->iv)assertion failed: j <= sizeof(c->iv)../../OpenSSL_1_1_1c/crypto/evp/evp_pbe.cTYPE=../../OpenSSL_1_1_1c/crypto/evp/evp_pkey.c\\\\\\\\\\\\\\\\\\../../OpenSSL_1_1_1c/crypto/evp/m_sigver.c../../OpenSSL_1_1_1c/crypto/evp/p5_crpt.cassertion failed: EVP_CIPHER_key_length(cipher) <= (int)sizeof(md_tmp)assertion failed: EVP_CIPHER_iv_length(cipher) <= 16../../OpenSSL_1_1_1c/crypto/evp/p5_crpt2.cassertion
failed: keylen <= sizeof(key)../../OpenSSL_1_1_1c/crypto/evp/p_dec.c../../OpenSSL_1_1_1c/crypto/evp/p_enc.c../../OpenSSL_1_1_1c/crypto/evp/p_lib.c%s algorithm "%s" unsupported
Public KeyPrivate Key../../OpenSSL_1_1_1c/crypto/evp/p_open.c../../OpenSSL_1_1_1c/crypto/evp/p_sign.c../../OpenSSL_1_1_1c/crypto/evp/p_verify.c../../OpenSSL_1_1_1c/crypto/evp/pbe_scrypt.c../../OpenSSL_1_1_1c/crypto/evp/pmeth_fn.c../../OpenSSL_1_1_1c/crypto/evp/pmeth_gn.c../../OpenSSL_1_1_1c/crypto/evp/pmeth_lib.c../../OpenSSL_1_1_1c/crypto/ex_data.cHMACOpenSSL HMAC method../../OpenSSL_1_1_1c/crypto/hmac/hm_pmeth.c../../OpenSSL_1_1_1c/crypto/hmac/hmac.cj|3ly\I,idea(int)../../OpenSSL_1_1_1c/crypto/init.c../../OpenSSL_1_1_1c/crypto/kdf/hkdf.c@xEXTRACT_AND_EXPANDEXTRACT_ONLYEXPAND_ONLYhexsalthexinfomissing iteration countmissing message digestmissing parametermissing passmissing saltmissing secretmissing seedunknown parameter typevalue missingpkey_hkdf_ctrl_strpkey_hkdf_derivepkey_hkdf_initpkey_scrypt_ctrl_strpkey_scrypt_ctrl_uint64pkey_scryp

t_derivepkey_scrypt_initpkey_scrypt_set_membufpkey_tls1_prf_ctrl_strpkey_tls1_prf_derivepkey_tls1_prf_inittls1_prf_alg../../OpenSSL_1_1_1c/crypto/kdf/scrypt.c,hexpassmaxmem_bytes../../OpenSSL_1_1_1c/crypto/kdf/tls1_prf.chexsecrethexseednum_items
= %lu
num_nodes = %u
num_alloc_nodes = %u
num_expands = %lu
num_expand_reallocs = %lu
num_contracts = %lu
num_contract_reallocs = %lu
num_hash_calls = %lu
num_comp_calls = %lu
num_insert = %lu
num_replace = %lu
num_delete = %lu
num_no_delete = %lu
num_retrieve = %lu
num_retrieve_miss = %lu
num_hash_comps = %lu
node %6u -> %3u
%lu nodes used out of %u
%lu items
load %d.%02d actual load %d.%02d
../../OpenSSL_1_1_1c/crypto/lhash/lhash.c#EgvT2../../OpenSSL_1_1_1c/crypto/mem_sec.cassertion failed: list >= 0 && list < sh.freelist_sizeassertion failed: ((ptr - sh.arena) & ((sh.arena_size >>
list) - 1)) == 0assertion failed: bit > 0 && bit < sh.bittable_sizeassertion failed: !TESTBIT(table, bit)assertion failed: WITHIN_FREELIST(list)assertion failed: WITHIN_ARENA(ptr)assertion failed: temp->next == NULL || WITHIN_ARENA(temp->next)assertion failed: (char **)temp->next->p_next == listassertion failed: TESTBIT(table, bit)assertion failed: (bit & 1) == 0assertion failed: sh_testbit(ptr, list, sh.bittable)assertion failed: ptr == sh_find_my_buddy(buddy, list)assertion failed: !sh_testbit(ptr, list, sh.bitmalloc)assertion failed: WITHIN_FREELIST(temp2->p_next) || WITHIN_ARENA(temp2->p_next)assertion failed: sh.freelist[list] == ptrassertion failed: (size & (size - 1)) == 0assertion failed: (minsize & (minsize - 1)) == 0assertion failed: sh.freelist != NULLassertion failed: sh.bittable != NULLassertion failed: sh.bitmalloc != NULLassertion failed: !sh_testbit(temp, slist, sh.bitmalloc)assertion failed: temp != sh.freelist[slist]assertion failed: sh.freelist[slist] == tempassertion
failed: temp-(sh.arena_size >> slist) == sh_find_my_buddy(temp, slist)assertion failed: sh_testbit(chunk, list, sh.bittable)assertion failed: WITHIN_ARENA(chunk)assertion failed: ptr != NULLassertion failed: size > 0assertion failed: minsize > 0../../OpenSSL_1_1_1c/crypto/modes/gcm128.c../../OpenSSL_1_1_1c/crypto/modes/ocb128.cYY../../OpenSSL_1_1_1c/crypto/o_fips.c../../OpenSSL_1_1_1c/crypto/o_str.c

0123456789ABCDEF../../OpenSSL_1_1_1c/crypto/objects/o_names.c../../OpenSSL_1_1_1c/crypto/objects/obj_dat.cNetscape Certificate ExtensionX509v3 Private Key Usage PeriodX509v3 Subject Alternative NameX509v3 Issuer Alternative NameX509v3 Authority Key IdentifierX509v3 CRL Distribution PointsMicrosoft Individual Code SigningMicrosoft Commercial Code SigningMicrosoft Encrypted File SystempbeWithSHA1And3-KeyTripleDES-CBCpbeWithSHA1And2-KeyTripleDES-CBCid-smime-mod-ets-eSignature-88id-smime-mod-ets-eSignature-97id-

smime-mod-ets-eSigPolicy-88id-smime-mod-ets-eSigPolicy-97id-smime-aa-signingCertificateid-smime-aa-ets-commitmentTypeid-smime-aa-ets-signerLocationid-smime-aa-ets-contentTimestampid-smime-aa-ets-CertificateRefsid-smime-aa-ets-RevocationRefsid-smime-aa-ets-revocationValuesid-smime-aa-ets-certCRLTimestampid-smime-aa-ets-archiveTimeStampid-smime-cti-ets-proofOfOriginid-smime-cti-ets-proofOfReceiptid-smime-cti-ets-proofOfDeliveryid-smime-cti-ets-proofOfSenderid-smime-cti-ets-proofOfApprovalid-smime-cti-ets-proofOfCreationdirectory
services - algorithmsX509v3 No Revocation AvailableSecure Electronic TransactionsMicrosoft Universal Principal NameX509v3 Subject Directory AttributesX509v3 Issuing Distribution Pointid-GostR3411-94-with-GostR3410-2001GOST R 34.11-94 with GOST R 34.10-2001id-GostR3411-94-with-GostR3410-94GOST R 34.11-94 with GOST R 34.10-94id-Gost28147-89-CryptoPro-KeyMeshingid-Gost28147-89-None-KeyMeshingid-GostR3411-94-CryptoProParamSetid-Gost28147-89-CryptoPro-A-ParamSetid-Gost28147-89-CryptoPro-B-ParamSetid-Gost28147-89-CryptoPro-C-ParamSetid-Gost28147-89-CryptoPro-D-ParamSetid-Gost28147-89-CryptoPro-Oscar-1-1-ParamSetid-Gost28147-89-CryptoPro-Oscar-1-0-ParamSetid-Gost28147-89-CryptoPro-RIC-1-ParamSetid-GostR3410-94-CryptoPro-A-ParamSetid-GostR3410-94-CryptoPro-B-ParamSetid-GostR3410-94-CryptoPro-C-ParamSetid-GostR3410-94-CryptoPro-D-ParamSetid-GostR3410-94-CryptoPro-XchA-ParamSetid-GostR3410-94-CryptoPro-XchB-ParamSetid-GostR3410-94-CryptoPro-XchC-ParamSetid-GostR3410-2001-TestParamSetid-GostR3410-2001-CryptoPro-A-ParamSetid-GostR3410-2001-CryptoPro-B-ParamSetid-GostR3410-2001-CryptoPro-C-ParamSetid-GostR3410-2001-CryptoPro-XchA-ParamSetid-GostR3410-2001-CryptoPro-XchB-ParamSetGOST
28147-89 Cryptocom ParamSetid-GostR3411-94-with-GostR3410-94-ccGOST R 34.11-94 with GOST R 34.10-94 Cryptocomid-GostR3411-94-with-GostR3410-2001-ccGOST R 34.11-94 with GOST R 34.10-2001 CryptocomGOST R 3410-2001 Parameter Set CryptocomdhSinglePass-stdDH-sha1kdf-schemedhSinglePass-stdDH-sha224kdf-schemedhSinglePass-stdDH-sha256kdf-schemedhSinglePass-stdDH-sha384kdf-schemedhSinglePass-stdDH-sha512kdf-schemedhSinglePass-cofactorDH-sha1kdf-schemedhSinglePass-cofactorDH-sha224kdf-schemedhSinglePass-cofactorDH-sha256kdf-schemedhSinglePass-cofactorDH-sha384kdf-schemedhSinglePass-cofactorDH-sha512kdf-schemejurisdictionStateOrProvinceNameGOST
R 34.10-2012 with 256 bit modulusGOST R 34.10-2012 with 512 bit modulusGOST R 34.11-2012 with 256 bit hashGOST R 34.11-2012 with 512 bit hashid-tc26-signwithdigest-gost3410-2012-256GOST R 34.10-2012 with GOST R 34.11-2012 (256 bit)id-tc26-signwithdigest-gost3410-2012-512GOST R 34.10-2012 with GOST R 34.11-2012 (512 bit)id-tc26-hmac-gost-3411-2012-256id-tc26-hmac-gost-3411-2012-512id-tc26-agreement-gost-3410-2012-256id-tc26-agreement-gost-3410-2012-512id-tc26-gost-3410-2012-512-constantsid-tc26-gost-3410-2012-512-paramSetTestGOST R 34.10-2012 (512 bit) testing parameter setid-tc26-gost-3410-2012-512-paramSetAGOST R 34.10-2012 (512 bit) ParamSet Aid-tc26-gost-3410-2012-512-paramSetBGOST R 34.10-2012 (512
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bit) ParamSet Bid-tc26-gost-3410-2012-256-paramSetCGOST R 34.10-2012 (256 bit) ParamSet Cid-tc26-gost-3410-2012-256-paramSetDGOST R 34.10-2012 (256 bit) ParamSet D.%luUNDEFundefinedrsadsiRSA Data Security, Inc.pkcsRSA Data Security, Inc. PKCSmd2rc4rsaEncryptionRSA-MD2md2WithRSAEncryptionRSA-MD5md5WithRSAEncryptionPBE-MD2-DESpbeWithMD2AndDES-CBCPBE-MD5-DESpbeWithMD5AndDES-CBCX500directory services

(X.500)commonNamecountryNamelocalityNamestateOrProvinceNameorganizationNameOUorganizationalUnitNamepkcs7pkcs7-datapkcs7-signedDatapkcs7-envelopedDatapkcs7-signedAndEnvelopedDatapkcs7-digestDatapkcs7-encryptedDatapkcs3dhKeyAgreementDES-ECBdes-ecbDES-CFBdes-cfbdes-cbcdes-ededes-ede3idea-cbcIDEA-CFBidea-cfbIDEA-ECBidea-ecbrc2-cbcRC2-ECBrc2-ecbRC2-CFBrc2-cfbRC2-OFBrc2-ofbshaRSA-SHAshaWithRSAEncryptionDES-EDE-CBCdes-ede-cbcdes-ede3-cbcDES-OFBdes-ofbIDEA-OFBidea-ofbpkcs9emailAddressunstructuredNamecountersignaturechallengePasswordunstructuredAddressextendedCertificateAttributesNetscapeNetscape Communications
Corp.nsCertExtnsDataTypeNetscape Data TypeDES-EDE-CFBdes-ede-cfbDES-EDE3-CFBdes-ede3-cfbDES-EDE-OFBdes-ede-ofbDES-EDE3-OFBdes-ede3-ofbsha1WithRSAEncryptionDSA-SHAdsaWithSHADSA-olddsaEncryption-oldPBE-SHA1-RC2-64pbeWithSHA1AndRC2-CBCPBKDF2DSA-SHA1-olddsaWithSHA1-oldnsCertTypeNetscape Cert TypensBaseUrlNetscape Base UrlnsRevocationUrlNetscape Revocation UrlnsCaRevocationUrlNetscape CA Revocation UrlnsRenewalUrlNetscape Renewal UrlnsCaPolicyUrlNetscape CA Policy UrlnsSslServerNameNetscape SSL Server NamensCommentNetscape CommentnsCertSequenceNetscape Certificate Sequencedesx-cbcid-ceX509v3 Subject Key IdentifierkeyUsageX509v3 Key UsageprivateKeyUsagePeriodsubjectAltNameissuerAltNamebasicConstraintsX509v3 Basic ConstraintscrlNumberX509v3 CRL NumbercertificatePoliciesX509v3 Certificate PoliciesauthorityKeyIdentifierbf-cbcBF-ECBbf-ecbBF-CFBbf-cfbBF-OFBbf-ofbmdc2RSA-MDC2mdc2WithRSArc4-40rc2-40-cbcgivenNameSNsurnameinitialsuiduniqueIdentifiercrlDistributionPointsRSA-NP-MD5md5WithRSAtitlecast5-cbcCAST5-ECBcast5-ecbCAST5-CFBcast5-cfbCAST5-OFBcast5-ofbpbeWithMD5AndCast5CBCDSA-SHA1dsaWithSHA1MD5-SHA1md5-sha1sha1WithRSAdsaEncryptionripemd160RSA-RIPEMD160ripemd160WithRSARC5-CBCrc5-cbcRC5-ECBrc5-ecbRC5-CFBrc5-cfbRC5-OFBrc5-ofbZLIBzlib
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Qualifier CPSid-qt-unoticePolicy Qualifier User Noticerc2-64-cbcSMIME-CAPSS/MIME CapabilitiesPBE-MD2-RC2-64pbeWithMD2AndRC2-CBCPBE-MD5-RC2-64pbeWithMD5AndRC2-CBCPBE-SHA1-DESpbeWithSHA1AndDES-CBCmsExtReqMicrosoft Extension RequestextReqdnQualifierid-peid-adauthorityInfoAccessAuthority Information AccessOCSPcaIssuersCA IssuersOCSPSigningOCSP SigningISOisomember-bodyISO Member BodyISO-USISO US Member BodyX9-57X9.57X9cmX9.57 CM ?pkcs5SMIMES/MIMEid-smime-modid-smime-ctid-smime-aaid-smime-algid-smime-cdid-smime-spqid-smime-ctiid-smime-mod-cmsid-smime-mod-essid-smime-mod-oidid-smime-mod-msg-v3id-smime-ct-receiptid-smime-ct-authDataid-smime-ct-publishCertid-smime-ct-TSTInfoid-smime-ct-TDTInfoid-smime-ct-contentInfoid-smime-ct-DVCSRequestDataid-smime-ct-DVCSResponseDataid-smime-aa-receiptRequestid-smime-aa-securityLabelid-smime-aa-mlExpandHistoryid-smime-aa-contentHintid-smime-aa-msgSigDigestid-smime-aa-encapContentTypeid-smime-aa-contentIdentifierid-smime-aa-macValueid-smime-aa-equivalentLabelsid-smime-aa-contentReferenceid-smime-aa-encrypKeyPrefid-smime-aa-smimeEncryptCertsid-smime-aa-timeStampTokenid-smime-aa-ets-sigPolicyIdid-smime-aa-ets-signerAttrid-smime-aa-ets-otherSigCertid-smime-aa-ets-certValuesid-smime-aa-ets-escTimeStampid-smime-aa-signatureTypeid-smime-aa-dvcs-dvcid-smime-alg-ESDHwith3DESid-smime-alg-ESDHwithRC2id-smime-alg-3DESwrapid-smime-alg-RC2wrapid-smime-alg-ESDHid-smime-alg-CMSRC2wrapid-smime-cd-ldapid-smime-spq-ets-sqt-uriid-smime-spq-ets-sqt-unoticemd4id-pkix-modid-qtid-itid-pkipid-algid-

cmcid-onid-pdaid-acaid-qcsid-cctid-pkix1-explicit-88id-pkix1-implicit-88id-pkix1-explicit-93id-pkix1-implicit-93id-mod-crmfid-mod-cmcid-mod-kea-profile-88id-mod-kea-profile-93id-mod-cmpid-mod-qualified-cert-88id-mod-qualified-cert-93id-mod-attribute-certid-mod-timestamp-protocolid-mod-ocspid-mod-dvcsid-mod-cmp2000biometricInfoBiometric
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End SystemipsecTunnelIPSec TunnelipsecUserIPSec Userid-it-caProtEncCertid-it-signKeyPairTypesid-it-encKeyPairTypesid-it-preferredSymmAlgid-it-caKeyUpdateInfoid-it-currentCRLid-it-unsupportedOIDsid-it-subscriptionRequestid-it-subscriptionResponseid-it-keyPairParamReqid-it-keyPairParamRepid-it-revPassphraseid-it-implicitConfirmid-it-confirmWaitTimeid-it-origPKIMessageid-regCtrlid-regInfoid-regCtrl-regTokenid-regCtrl-authenticatorid-regCtrl-pkiPublicationInfoid-regCtrl-pkiArchiveOptionsid-regCtrl-oldCertIDid-regCtrl-protocolEncrKeyid-regInfo-utf8Pairsid-regInfo-certReqid-alg-des40id-alg-noSignatureid-alg-dh-sig-hmac-sha1id-alg-dh-popid-cmc-statusInfoid-cmc-identificationid-cmc-identityProofid-cmc-dataReturnid-cmc-transactionIdid-cmc-senderNonceid-cmc-recipientNonceid-cmc-addExtensionsid-cmc-encryptedPOPid-cmc-decryptedPOPid-cmc-lraPOPWitnessid-cmc-getCertid-cmc-getCRLid-cmc-revokeRequestid-cmc-regInfoid-cmc-responseInfoid-cmc-queryPendingid-cmc-popLinkRandomid-cmc-popLinkWitnessid-cmc-confirmCertAcceptanceid-on-personalDataid-pda-dateOfBirthid-pda-placeOfBirthid-pda-genderid-pda-countryOfCitizenshipid-pda-countryOfResidenceid-aca-authenticationInfoid-aca-accessIdentityid-aca-chargingIdentityid-aca-groupid-aca-roleid-qcs-pkixQCSyntax-v1id-cct-crsid-cct-PKIDataid-cct-PKIResponsead_timestampingAD
Time StampingAD_DVCSad dvcsbasicOCSPResponseBasic OCSP ResponseOCSP NonceCrlIDOCSP CRL IDacceptableResponsesAcceptable OCSP ResponsesnoCheckOCSP No CheckarchiveCutoffOCSP Archive CutoffserviceLocatorOCSP Service LocatorextendedStatusExtended OCSP StatustrustRootTrust RootrsaSignatureX500algorithmsORGDODdodIANAianaDirectorymgmtManagementexperimentalExperimentalPrivateSecuritysnmpv2SNMPv2MailenterprisesEnterprisesdcobjectdcObjectdomainComponentdomainselected-attribute-typesSelected Attribute TypesclearanceRSA-MD4md4WithRSAEncryptionac-proxyingsubjectInfoAccessSubject Information Accessid-aca-encAttrspolicyConstraintsX509v3 Policy
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Content-Type: application/ocsp-request
Content-Length: %d

../../OpenSSL_1_1_1c/crypto/ocsp/ocsp_lib.c443httphttps(UNKNOWN)OCSP Request Data:
   Version: %lu (0x%lx)
   Requestor Name:
   Requestor List:
%*sCertificate ID:
%*sHash Algorithm:
%*sIssuer Name Hash:
%*sIssuer Key Hash:
%*sSerial Number: Request Single ExtensionsRequest ExtensionsOCSP Response Data:
   Response Type: (unknown response type)

   Version: %lu (0x%lx)
   Responder Id:
   Produced At:
   Responses:
   Cert Status: %s

This Update:
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-----BEGIN -----END Expecting: ANY PRIVATE KEYENCRYPTED PRIVATE KEYPKCS #7 SIGNED DATA../../OpenSSL_1_1_1c/crypto/pem/pem_lib.cDEK-Info:ENCRYPTEDProc-Type:-----
-----END -----BEGIN ../../OpenSSL_1_1_1c/crypto/pem/pem_oth.c../../OpenSSL_1_1_1c/crypto/pem/pem_pk8.c%s PRIVATE KEY%s PARAMETERS../../OpenSSL_1_1_1c/crypto/pem/pem_pkey.c../../OpenSSL_1_1_1c/crypto/pem/pem_sign.c../../OpenSSL_1_1_1c/crypto/pem/pvkfmt.c../../OpenSSL_1_1_1c/crypto/pkcs12/p12_add.cPKCS12_AUTHSAFESPKCS12_SAFEBAGSPKCS12_SAFEBAGvalue.keybagvalue.shkeybagvalue.safesvalue.bagvalue.otherPKCS12_BAGSvalue.x509certvalue.x509crlvalue.sdsicertPKCS12_MAC_DATAdinfo../../OpenSSL_1_1_1c/crypto/pkcs12/p12_crpt.c../../OpenSSL_1_1_1c/crypto/pkcs12/p12_crt.c../../OpenSSL_1_1_1c/crypto/pkcs12/p12_decr.c../../OpenSSL_1_1_1c/crypto/pkcs12/p12_init.c../../OpenSSL_1_1_1c/crypto/pkcs12/p12_key.c../../OpenSSL_1_1_1c/crypto/pkcs12/p12_kiss.c../../OpenSSL_1_1_1c/crypto/pkcs12/p12_mutl.cLEGACY_GOST_PKCS12../../OpenSSL_1_1_1c/crypto/pkcs12/p12_npas.c../../OpenSSL_1_1_1c/crypto/pkcs12/p12_p8e.c../../OpenSSL_1_1_1c/crypto/pkcs12/p12_sbag.c../../OpenSSL_1_1_1c/crypto/pkcs12/p12_utl.ccant
pack structurecontent type not dataencrypt errorinvalid null argumentinvalid null pkcs12 pointeriv gen errorkey gen errormac absentmac generation errormac setup errormac string set errormac verify failurepkcs12 algor cipherinit errorpkcs12 cipherfinal errorpkcs12
pbe crypt errorunsupported pkcs12 modeOPENSSL_asc2uniOPENSSL_uni2ascOPENSSL_uni2utf8OPENSSL_utf82uniPKCS12_createPKCS12_gen_macPKCS12_initPKCS12_item_decrypt_d2iPKCS12_item_i2d_encryptPKCS12_item_pack_safebagPKCS12_key_

gen_ascPKCS12_key_gen_uniPKCS12_key_gen_utf8PKCS12_newpassPKCS12_pack_p7dataPKCS12_pack_p7encdataPKCS12_parsePKCS12_pbe_cryptPKCS12_PBE_keyivgenPKCS12_SAFEBAG_create0_p8infPKCS12_SAFEBAG_create0_pkcs8PKCS12_setup_macPKCS12_set_macPKCS12_unpack_authsafesPKCS12_unpack_p7dataPKCS12_verify_macPKCS8_encryptPKCS8_set0_pbeerror setting encrypted data typePKCS12_SAFEBAG_create_pkcs8_encryptPKCS7_ATTR_VERIFYPKCS7_ATTRIBUTESPKCS7_ATTR_SIGNPKCS7_DIGESTcontentsPKCS7_ENCRYPTenc_dataPKCS7_SIGN_ENVELOPEmd_algssigner_infoPKCS7_ENC_CONTENTPKCS7_RECIP_INFOissuer_and_serialkey_enc_algorenc_keyPKCS7_ENVELOPEPKCS7_ISSUER_AND_SERIALPKCS7_SIGNER_INFOdigest_algdigest_enc_algenc_digestunauth_attrPKCS7_SIGNEDd.signd.envelopedd.signed_and_envelopedd.digestd.encrypted../../OpenSSL_1_1_1c/crypto/pkcs7/pk7_attr.c../../OpenSSL_1_1_1c/crypto/pkcs7/pk7_doit.c23p44
5H\JJGI../../OpenSSL_1_1_1c/crypto/pkcs7/pk7_lib.c,XLX|XXWW../../OpenSSL_1_1_1c/crypto/pkcs7/pk7_smime.ccipher not initializedcontent and data presentdigest failureencryption ctrl failureerror adding recipienterror setting cipherinvalid null pointerinvalid signed data typeno matching digest type foundno signatures on datapkcs7 add signature errorpkcs7 add signer errorpkcs7 datasignsigning ctrl failureunable to find certificateunable to find mem biounable to find message digestunknown digest typeunknown operationunsupported cipher typewrong content typewrong pkcs7
typedo_pkcs7_signed_attribPKCS7_add_attrib_smimecapPKCS7_add_certificatePKCS7_add_crlPKCS7_add_recipient_infoPKCS7_add_signaturePKCS7_add_signerPKCS7_bio_add_digestpkcs7_copy_existing_digestPKCS7_ctrlPKCS7_dataDecodePKCS7_dataFinalPKCS7_dataInitPKCS7_dataVerifyPKCS7_decryptpkcs7_decrypt_rinfopkcs7_encode_rinfoPKCS7_encryptPKCS7_finalPKCS7_find_digestPKCS7_get0_signersPKCS7_RECIP_INFO_setPKCS7_set_cipherPKCS7_set_contentPKCS7_set_digestPKCS7_set_typePKCS7_signPKCS7_signatureVerifyPKCS7_SIGNER_INFO_setPKCS7_SIGNER_INFO_signPKCS7_sign_add_signerPKCS7_simple_smimecapPKCS7_verifyencryption
 not supported for this key typeno recipient matches certificateoperation not supported on this typesigning not supported for this key typePKCS7_add0_attrib_signing_timeOpenSSL POLY1305 method../../OpenSSL_1_1_1c/crypto/poly1305/poly1305_pmeth.c

../../OpenSSL_1_1_1c/crypto/rand/drbg_lib.cOpenSSL NIST SP 800-90A DRBG @additional input too longalreadyinstantiatedargument out of rangeCannot open filedrbg already initializeddrbg not initialisedentropy input too longentropy out of rangeerror initialising drbgerror instantiating drbgerror retrieving entropyerror retrieving noncefailed to create lockFunction not implementedError writing filegenerate errorin error stateNot a regular filenot instantiatedparent locking not enabledparent strength too weakPRNG not seededrandom
 pool overflowrandom pool underflowrequest too large for drbgreseed errorselftest failuretoo little nonce requestedtoo much nonce requestedunsupported drbg flagsunsupported drbg
typedrbg_bytesdrbg_setupRAND_bytesrand_drbg_enable_lockingRAND_DRBG_generaterand_drbg_get_entropyrand_drbg_get_nonceRAND_DRBG_instantiateRAND_DRBG_newRAND_DRBG_reseedrand_drbg_restartRAND_DRBG_setRAND_DRBG_set_defaultsRAND_DRBG_uninstantiateRAND_load_filerand_pool_acquire_entropyrand_pool_addrand_pool_add_beginrand_pool_add_endrand_pool_attachrand_pool_bytes_neededrand_pool_newRAND_write_fileerror entropy pool was ignorederror retrieving additional inputno drbg implementation selectedpersonalisation string too longprediction resistance not supported../../OpenSSL_1_1_1c/crypto/rand/rand_lib.c?/dev/random/dev/urandom/dev/hwrng/dev/srandomFilename=wbRANDFILEHOME../../OpenSSL_1_1_1c/crypto/rand/randfile.c $4Dd4TDx(yJ~7+vSbLdDYOaEm
}2@{!"\kNTe`sVu;B=0<&oFiW'C>/fRr5Mj*qZItK^AnQ$Pp9|:#z6[%U1-])gl,c?X
843H_.Gw
 hMinimumPSS parameter restrictions:(INVALID PSS PARAMETERS)
Mask Algorithm: with INVALIDmgf1 with sha1 (default)%s Salt Length: 0x14 (default)Trailer Field: 0xBC (default)RSA-PSSpublicExponent:modulus:Modulus:%s Public-Key: (%d bit)
privateExponent:prime1:prime2:exponent1:exponent2:coefficient:prime%d:exponent%d:coefficient%d:OpenSSL

RSA-PSS methodOpenSSL RSA methodNo PSS parameter restrictions
../../OpenSSL_1_1_1c/crypto/rsa/rsa_ameth.cPrivate-Key: (%d bit, %d primes)
,LIIJ,LJ,LJtIRSA_OAEP_PARAMShashFuncmaskGenFuncpSourceFuncRSA_PSS_PARAMSmaskGenAlgorithms
altLengthtrailerFieldRSAPublicKeydmp1dmq1iqmpprime_infosRSA_PRIME_INFO../../OpenSSL_1_1_1c/crypto/r
sa/rsa_chk.c../../OpenSSL_1_1_1c/crypto/rsa/rsa_crpt.calgorithm mismatchbad e valuebad fixed header decryptbad
pad byte countblock type is not 01block type is not 02data greater than mod lendata too largedata too large for key
sizedata too large for modulusdata too smalldata too small for key sizedigest does not matchdigest too big for
rsa keydmp1 not congruent to ddmq1 not congruent to dd e not congruent to 1first octet invalidinvalid digest
lengthinvalid headerinvalid labelinvalid message lengthinvalid mgf1 mdinvalid multi prime keyinvalid oaep
parametersinvalid paddinginvalid padding modeinvalid pss parametersinvalid pss saltleninvalid salt lengthinvalid
trailerinvalid x931 digestiqmp not inverse of qkey prime num invalidkey size too smalllast octet invalidmgf1 digest
not allowedmp r not primeno public exponentnull before block missingn does not equal p qoaep decoding
errorpadding check failedpkcs decoding errorpss saltlen too smallrsa operations not supportedsalt length check
failedsalt length recovery failedsslv3 rollback attackunknown algorithm typeunknown mask digestunknown padding
typeunsupported encryption typeunsupported label sourceunsupported mask algorithmunsupported mask
parameterunsupported signature typewrong signature
lengthcheck_padding_mdencode_pkcs1int_rsa_verifyold_rsa_priv_decodepkey_pss_initpkey_rsa_ctrlpkey_rsa_ctrl
_strpkey_rsa_signpkey_rsa_verifypkey_rsa_verifyrecoverrsa_algor_to_mdrsa_builtin_keygenRSA_check_keyRSA
_check_key_exrsa_cms_decryptrsa_cms_verifyrsa_item_verifyRSA_meth_dupRSA_meth_newRSA_meth_set1_na
mersa_multip_info_newRSA_new_methodrsa_ossl_private_decryptrsa_ossl_private_encryptrsa_ossl_public_decry
ptrsa_ossl_public_encryptRSA_padding_add_noneRSA_padding_add_PKCS1_OAEPRSA_padding_add_PKCS1_
PSSRSA_padding_add_PKCS1_type_1RSA_padding_add_PKCS1_type_2RSA_padding_add_SSLv23RSA_paddi
ng_add_X931RSA_padding_check_noneRSA_padding_check_PKCS1_OAEPRSA_padding_check_SSLv23RSA_
padding_check_X931rsa_param_decodeRSA_printRSA_print_fprsa_priv_encodersa_pss_get_paramrsa_pss_to_ctx
rsa_pub_decodeRSA_setup_blindingRSA_signRSA_sign_ASN1_OCTET_STRINGRSA_verifyRSA_verify_ASN1
_OCTET_STRINGRSA_verify_PKCS1_PSS_mgf1setup_tbufillegal
or unsupported padding modemp coefficient not inverse of rmp exponent not congruent to dn does not equal
product of
primesRSA_padding_add_PKCS1_OAEP_mgf1RSA_padding_add_PKCS1_PSS_mgf1RSA_padding_check_PKC
S1_OAEP_mgf1RSA_padding_check_PKCS1_type_1RSA_padding_check_PKCS1_type_2../../OpenSSL_1_1_1c/
crypto/rsa/rsa_gen.c../../OpenSSL_1_1_1c/crypto/rsa/rsa_lib.c../../OpenSSL_1_1_1c/crypto/rsa/rsa_meth.c../../Open
SSL_1_1_1c/crypto/rsa/rsa_mp.c../../OpenSSL_1_1_1c/crypto/rsa/rsa_none.c../../OpenSSL_1_1_1c/crypto/rsa/rsa_o
aep.c../../OpenSSL_1_1_1c/crypto/rsa/rsa_ossl.cOpenSSL
PKCS#1
RSA../../OpenSSL_1_1_1c/crypto/rsa/rsa_pk1.c../../OpenSSL_1_1_1c/crypto/rsa/rsa_pmeth.crsa_padding_modesslv
23oeapoaepx931rsa_pss_saltlenautorsa_keygen_bitsrsa_keygen_pubexprsa_keygen_primesrsa_mgf1_mdrsa_pss_ke
ygen_mgf1_mdrsa_pss_keygen_mdrsa_pss_keygen_saltlenrsa_oaep_mdrsa_oaep_label../../OpenSSL_1_1_1c/crypt
o/rsa/rsa_prn.c../../OpenSSL_1_1_1c/crypto/rsa/rsa_pss.c../../OpenSSL_1_1_1c/crypto/rsa/rsa_saos.c../../OpenSSL_
1_1_1c/crypto/rsa/rsa_sign.c../../OpenSSL_1_1_1c/crypto/rsa/rsa_ssl.c../../OpenSSL_1_1_1c/crypto/rsa/rsa_x931.c)
TPD
,$!%\QM@CCPQA<
`cC#((D@D
"%xsK;;.pp@0<3?(0226tpD4,TSG\PLXSK=$ $psC32, ,'prB2 ``@ PP@#+

6LCO7XRJxpH8&/`aA!4@AAPRB|qM=
PSC7!=trF6,#/$#'0+"lbN.LAM
haI)|pL<

?/3>d`D$,".HCK
!!hcK+dbF&5
3|rN>xrJ:DCG%$"&-!000437.426 ""8084'DAEL@L)415<0<pqA1 tqE5;8XQI?HAI 81 9dcG'8@BB
##l`L,$4041H@HlcO/<1
=,!
-@@@><2><*:LBNTQE83;h`H(|sO?HBJ
TRFtsG7 -DBF5(#+daE%:#91\RN9&2011*laM-\SO$0
82
:XPH`bB"(!)033(xqI9hbJ*("
*088(!
-,&38/`@ `QET@DDcO/lcK+hSKXbB"`3305! )( "'<264CKH/`L,l(4AED!3?<1
=< ((BNL62><%9

#+(bF&drJ:x#'$#/,1rB2pBB@AA@sC3pcG'd,7-
,,*044.)QM\8SGT.
9?qM=|1105
bJ*h1 "" `H(hqA1paA!`>&QIXQAP#+CGD
#,
?sK;xPL\"!cC#`## AM
L2
:8".,:bN.lRJX23AI HpH8x;p@0pqE5tsO?|154`D$daM-lpD4t4* rF6t >@@@ =:0"
*(RN\)RFTCC@ 0%@HHqI9x<!! SO\sG7tPDT2
!%$COLBFD-PHXRBP+rN>| =000aE%d0<<6$;pL<|P@P1 98"&$220aI)h374' $$$SCP

@LL3;8BJ
H7)DTP
,%$!M\QC@CAPQ<
C#`c((DD@ "%K;xs;.@0pp?<3(2026D4tp,GTSL\PKXS=$$ C3ps2,, 'B2pr @ ``@PP#+

6OLC7JXRH8xp&/A!`a4A@ABPRM=|q
 CPS7!=F6tr/,#'$#0+"N.lbM
LAI)haL<|p

?/3>D$d`.,"KHC
! !K+hcF&db5
3N>|rJ:xrGDC%&$"-!000743.642"
 "8804'EDALL@)541<<0A1pq E5tq;8IXQ?I HA 981G'dc8B@B# #L,l`$4401HH@O/lc
=<1
-,!@@@>><2<*:NLBETQ;83H(h`O?|sJ
HBFTRG7ts -FDB5+(#E%da:#91N\R9&2101*M-laO\S$0

:82HXPB"`b)(!303(I9xqJ*hb
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&38/ ``@TQED@D/lcO+hcKXSK"`bB3035)(!  "'<642HCK/,l`L(4DAE!?<3=<1
((LBN6><2%9

+(#&dbF:xrJ'$#/,#12prB@BB@AA3psC'dcG,7-
,, *440.)\QM8TSG.

9?=|qM1015
*hbJ1 " "(h`H1pqA!`aA>&XQIPQA#+DCG
#,
?;xsK\PL"!#`cC# #
LAM:82
.,":.lbNXRJ23 HAI8xpH;0pp@5tqE?|sO541$d`D-laM4tpD4* 6trF >@@@ =:0*("
\RN)TRF@CC 0%H@H9xqI<! !\SO7tsGTPD2
%$!LCODBF-XPHPRB+>|rN =000%daE<<06$;<|pLPP@981 &$"202)haI743'$$ $PSC

L@L;83
HBJ7|6p09Y1XhdOaZOD9.#SIPHASHOpenSSL SIPHASH
method../../OpenSSL_1_1_1c/crypto/siphash/siphash_pmeth.cdigestsize../../OpenSSL_1_1_1c/crypto/sm2/sm2_cry
pt.cSM2_CiphertextC1xC1yC3dist id too largeid not setuser id too
largepkey_sm2_copypkey_sm2_ctrlpkey_sm2_ctrl_strpkey_sm2_digest_custompkey_sm2_initpkey_sm2_signsm2_
compute_msg_hashsm2_compute_userid_digestsm2_compute_z_digestsm2_decryptsm2_encryptsm2_plaintext_siz
esm2_sig_gensm2_sig_verifysm2_verify../../OpenSSL_1_1_1c/crypto/sm2/sm2_pmeth.c../../OpenSSL_1_1_1c/cryp
to/sm2/sm2_sign.cosIB$0o81MN1*#MF?8ib[T~wp
-&IB;4e^WPzsl
)"E>70aZSL}voh %A:3,]VOHyrkd[[BBM33e=kXXNnPPD(,+fjjw*FETLL_&%%Hmffrr CJAAQ$FFSbb{3QQU,,'

BOY??ctppl
"
  (HVVRRt>>?>F[;?r\\KReeX=<dd}~==Nsijzpekk..G<<3--
JgqYYWvv5xxf$886yy_&baaY8GG*%"};!ySSG^]]V~~OO'IIS11M|6
{ ##zzBC**KKA@8a/+:;;`TTA%`uu\)4nn4hhrUUTNN20!22uotti.j.

g++a)#44
9MMR99OvnWWoo7DQ{{ ::/kslmmmZ7EEP66llwJJWwwL~DDUggqq],@E||c@@Pii[2cc((
"1""177zI-uCCHHZXqdp&&h^^))Kb00<ZZvd]5$$ -o``x0|\:ss55Ly
xV}}^#>__//9!!Ih=(,+gv*D&IBPz3TCbu?GsY<OhkqdKpV5$^cX%"|;!xFW'RL6@8a]4U20.f`)#
SNo7E/jrml[Q\AZ
1{-tiJw~e n}:M
y_>9H../../OpenSSL_1_1_1c/crypto/srp/srp_lib.c15361024../../OpenSSL_1_1_1c/crypto/srp/srp_vfy.c*../../OpenSS
L_1_1_1c/crypto/stack/stack.c../../OpenSSL_1_1_1c/crypto/store/loader_file.cpass phrasePKCS8 decrypt
passwordPKCS12 import passwordfile://localhost/%08lxPEMPEM type is 'X509CRLX509Certificateambiguous
content
 typeerror verifying pkcs12 macinvalid schemeis not aloader incompleteloading startednot a certificatenot a crlnot a
keynot a namenot parameterspassphrase callback errorpath must be absoluteunregistered schemeunsupported
operationunsupported search typeuri authority
unsupportedfile_findfile_get_passfile_loadfile_load_try_decodefile_name_to_urifile_openossl_store_attach_pem_bi
oOSSL_STORE_expectOSSL_STORE_findossl_store_get0_loader_intOSSL_STORE_INFO_get1_CERTOSSL_S
TORE_INFO_get1_CRLOSSL_STORE_INFO_get1_NAMEOSSL_STORE_INFO_get1_PARAMSOSSL_STORE
_INFO_get1_PKEYOSSL_STORE_INFO_new_CERTOSSL_STORE_INFO_new_CRLossl_store_info_new_EM
BEDDEDOSSL_STORE_INFO_new_NAMEOSSL_STORE_INFO_new_PARAMSOSSL_STORE_INFO_new_P
KEYossl_store_init_onceOSSL_STORE_LOADER_newOSSL_STORE_openOSSL_STORE_SEARCH_by_aliasO
SSL_STORE_SEARCH_by_nametry_decode_paramstry_decode_PKCS12try_decode_PKCS8Encryptedfingerprint
size does not match digestsearch only supported for directoriesui process interrupted or
cancelledossl_store_file_attach_pem_bio_intOSSL_STORE_INFO_get1_NAME_descriptionOSSL_STORE_INFO

_set0_NAME_descriptionossl_store_register_loader_intOSSL_STORE_SEARCH_by_issuer_serialOSSL_STORE_SEARCH_by_key_fingerprintossl_store_unregister_loader_int../../OpenSSL_1_1_1c/crypto/store/store_init.c%zu, fingerprint size is
../../OpenSSL_1_1_1c/crypto/store/store_lib.c8QVQQpQpQQQ../../OpenSSL_1_1_1c/crypto/store/store_register.c+-
.scheme=Pkey../../OpenSSL_1_1_1c/crypto/threads_pthread.c../../OpenSSL_1_1_1c/crypto/ts/ts_asn1.cESS_SIGNING_CERT_V2cert_idspolicy_infoESS_CERT_ID_V2hash_algissuer_serialESS_SIGNING_CERTESS_CERT_IDESS_ISSUER_SERIALTS_RESPTS_STATUS_INFOorderingTS_ACCURACYTS_REQcert_reqTS_MSG_IMPRINThash_algohashed_msgdefault_tsa::builtinengine:chilcrypto_devicesigner_keysigner_digestdefault_policyother_policiesdigestsmillisecsmicrosecsclock_precision_digitstsa_nameess_cert_id_chainess_cert_id_alg../../OpenSSL_1_1_1c/crypto/ts/ts_conf.cbad pkcs7 typebad typecannot load certificatecannot load private keycould not set enginecould not set timedetached contentess add signing cert erroress add signing cert v2 erroress signing certificate errormessage imprint mismatchnonce mismatchnonce not returnedno time stamp tokenpkcs7 add signed attr errorpkcs7 to ts tst info failedpolicy mismatchresponse setup errorthere must be one signertime syscall errortoken not presenttoken presenttsa name mismatchtsa untrustedtst info setup errorts datasignunacceptable policyunsupported md algorithmvar bad valuecannot find config variabledef_serial_cbdef_time_cbess_add_signing_certess_add_signing_cert_v2ess_CERT_ID_new_initess_cert_id_v2_new_initess_SIGNING_CERT_new_initess_signing_cert_v2_new_initint_ts_RESP_verify_tokenPKCS7_to_TS_TST_INFOTS_ACCURACY_set_microsTS_ACCURACY_set_millisTS_ACCURACY_set_secondsts_check_imprintsts_check_noncests_check_policyts_check_signing_certsts_check_status_infots_compute_imprintts_CONF_invalidTS_CONF_load_certTS_CONF_load_certsTS_CONF_load_keyts_CONF_lookup_failTS_CONF_set_default_enginets_get_status_textTS_MSG_IMPRINT_set_algoTS_REQ_set_msg_imprintTS_REQ_set_nonceTS_REQ_set_policy_idTS_RESP_create_responsets_RESP_create_tst_infoTS_RESP_CTX_add_failure_infoTS_RESP_CTX_add_mdTS_RESP_CTX_add_policyTS_RESP_CTX_newTS_RESP_CTX_set_accuracyTS_RESP_CTX_set_certsTS_RESP_CTX_set_def_policyTS_RESP_CTX_set_signer_certTS_RESP_CTX_set_status_infots_RESP_get_policyTS_RESP_set_status_infoTS_RESP_set_tst_infots_RESP_signTS_RESP_verify_signatureTS_TST_INFO_set_accuracyTS_TST_INFO_set_msg_imprintTS_TST_INFO_set_nonceTS_TST_INFO_set_policy_idTS_TST_INFO_set_serialTS_TST_INFO_set_timeTS_TST_INFO_set_tsats_verify_certTS_VERIFY_CTX_newinvalid signer certificate purposeTS_RESP_set_genTime_with_precision critical%4sHash Algorithm: %s
Message data:
../../OpenSSL_1_1_1c/crypto/ts/ts_lib.cyesnoVersion: %d
Policy OID: unspecified
Nonce: Certificate required: %s
../../OpenSSL_1_1_1c/crypto/ts/ts_req_utils.cStatus: out of bounds
Status description: Failure info: Serial number: Time stamp:
 Accuracy: seconds, millis, microsOrdering: %s
TSA: Status info:

TST info:
Not included.
Granted.Granted with modifications.Rejected.Waiting.Revocation warning.Revoked.unrecognized or unsupported algorithm identifiertransaction not permitted or supportedthe data submitted has the wrong formatthe TSA's time source is not availablethe requested TSA policy is not supported by the TSAthe requested extension is not supported by the TSAthe additional information requested could not be understood or is not availablethe request cannot be handled due to system failure../../OpenSSL_1_1_1c/crypto/ts/ts_rsp_sign.cError during serial number generation.Bad request format or system error.Superfluous message digest parameter.Error during TSTInfo generation.Error during signature generation.Error during response generation.Message digest algorithm is not supported.Requested policy is not supported.Unsupported extension.Time is not available.Bad request version.Bad

message
digest.%04d%02d%02d%02d%02d%02d.%06ld../../OpenSSL_1_1_1c/crypto/ts/ts_rsp_utils.c../../OpenSSL_1_1_1c/crypto/ts/ts_rsp_verify.cunknown
code, failure codes: , status text: status code:
badAlgbadRequestbadDataFormattimeNotAvailableunacceptedPolicyunacceptedExtensionaddInfoNotAvailablesystemFailuregrantedgrantedWithModsrejectionwaitingrevocationWarningrevocationNotification../../OpenSSL_1_1_1c/crypto/ts/ts_verify_ctx.cassertion failed: ctx != NULLassertion failed: req != NULL../../OpenSSL_1_1_1c/crypto/txt_db/txt_db.ccommon ok and cancel charactersuser data duplication unsupportedindex too largeindex too smallno result bufferprocessing errorresult too largeresult too smallsys$assign errorsys$dassgn errorsys$qiow errorunknown control commandunknown ttyget errno valueclose_consolegeneral_allocate_booleangeneral_allocate_promptnoecho_consoleopen_consoleUI_construct_promptUI_create_methodUI_ctrlUI_dup_error_stringUI_dup_info_stringUI_dup_input_booleanUI_dup_input_stringUI_dup_user_dataUI_dup_verify_stringUI_get0_resultUI_get_result_lengthUI_new_methodUI_processUI_set_resultUI_set_result_ex../../OpenSSL_1_1_1c/crypto/ui/ui_lib.cclosing
sessionprocessingreading stringsflushingwriting stringsopening sessionwhile to You must type in OpenSSL NULL UIVerifying - %sVerify failure
/dev/ttyerrno=../../OpenSSL_1_1_1c/crypto/ui/ui_openssl.cOpenSSL default user interface../../OpenSSL_1_1_1c/crypto/ui/ui_util.cPEM password callback wrapper../../OpenSSL_1_1_1c/crypto/x509/by_dir.cLoad certs from files in a directory%s%c%08lx.%s%d../../OpenSSL_1_1_1c/crypto/x509/by_file.cLoad file into cacheCertificate Revocation List (CRL):
../../OpenSSL_1_1_1c/crypto/x509/t_crl.c%8sVersion %ld (0x%lx)
%8sVersion unknown (%ld)
%8sIssuer: %8sLast Update:
%8sNext Update: NONECRL extensionsRevoked Certificates:
No Revoked Certificates.
Serial Number:
Revocation Date: CRL entry extensionsCertificate Request:
Data:
%8sVersion: %ld (0x%lx)
%8sVersion: Unknown (%ld)
Subject:%c%12sPublic Key Algorithm: %8sAttributes:
%12sa0:00
%12sunable
to print attribute
%8sRequested Extensions:
%16s Subject Public Key Info:
%12sUnable to load Public Key
../../OpenSSL_1_1_1c/crypto/x509/t_req.c Subject OCSP hash: Signature Algorithm: %*sTrusted Uses:
%*s%*sNo Trusted Uses.
%*sRejected Uses:
%*s%*sNo Rejected Uses.
%*sAlias: %s
%*sKey Id: %s%02XCertificate:
Serial Number:
%12s%s Issuer:%c Validity
Not Before:
Not After : %8sIssuer Unique ID: %8sSubject Unique ID: X509v3

extensions../../OpenSSL_1_1_1c/crypto/x509/t_x509.c

Public key OCSP hash:

../../OpenSSL_1_1_1c/crypto/x509/x509_att.c../../OpenSSL_1_1_1c/crypto/x509/x509_cmp.c/usr/local/ssl/private/usr/local/ssl/usr/local/ssl/certs/usr/local/ssl/cert.pemSSL_CERT_DIRSSL_CERT_FILEakid mismatchbad x509 filetypecant check dh keycert already in hash tablecrl already deltacrl verify failureidp mismatchinvalid directoryinvalid field nameinvalid trustkey type mismatchkey values mismatchloading

cert dirloading defaultsname too longnewer crl not newerno certificate foundno certificate or crl foundno cert set for us to verifyno crl foundno crl numberpublic key decode errorpublic key encode errorshould retryunknown key typeunknown purpose idunknown trust idwrong lookup typewrong typeadd_cert_dirbuild_chainby_file_ctrlcheck_name_constraintsdane_i2ddir_ctrlget_cert_by_subjecti2d_X509_AUXlookup_certs_skNETSCAPE_SPKI_b64_decodeNETSCAPE_SPKI_b64_encodenew_dirX509at_add1_attrX509v3_add_extX509_ATTRIBUTE_create_by_NIDX509_ATTRIBUTE_create_by_OBJX509_ATTRIBUTE_create_by_txtX509_ATTRIBUTE_get0_dataX509_ATTRIBUTE_set1_dataX509_check_private_keyX509_CRL_diffX509_CRL_METHOD_newX509_CRL_print_fpX509_EXTENSION_create_by_NIDX509_EXTENSION_create_by_OBJX509_get_pubkey_parametersX509_load_cert_crl_fileX509_load_cert_fileX509_load_crl_fileX509_LOOKUP_meth_newX509_LOOKUP_newX509_NAME_add_entryx509_name_canonX509_NAME_ENTRY_create_by_NIDX509_NAME_ENTRY_create_by_txtX509_NAME_ENTRY_set_objectX509_NAME_onelineX509_NAME_printX509_OBJECT_newX509_print_ex_fpx509_pubkey_decodeX509_PUBKEY_get0X509_PUBKEY_setX509_REQ_check_private_keyX509_REQ_print_exX509_REQ_print_fpX509_REQ_to_X509X509_STORE_add_certX509_STORE_add_crlX509_STORE_add_lookupX509_STORE_CTX_get1_issuerX509_STORE_CTX_initX509_STORE_CTX_newX509_STORE_newX509_to_X509_REQX509_TRUST_addX509_TRUST_setX509_verify_certX509_VERIFY_PARAM_newunable

to find parameters in chainunable to get certs public keyX509_STORE_CTX_purpose_inherit../../OpenSSL_1_1_1c/crypto/x509/x509_lu.c../../OpenSSL_1_1_1c/crypto/x509/x509_meth.c../../OpenSSL_1_1_1c/crypto/x509/x509_obj.cNO X509_NAME0123456789ABCDEF../../OpenSSL_1_1_1c/crypto/x509/x509_r2x.c../../OpenSSL_1_1_1c/crypto/x509/x509_req.c../../OpenSSL_1_1_1c/crypto/x509/x509_trs.ccompatibleSSL ClientSSL ServerS/MIME emailObject SignerOCSP responderOCSP requestTSA serverunable to get certificate CRLcertificate signature failureCRL signature failurecertificate is not yet validcertificate has expiredCRL

is not yet validCRL has expiredout of memoryself signed certificatecertificate chain too longcertificate revokedinvalid CA certificatecertificate not trustedcertificate rejectedsubject issuer mismatchunhandled critical extensionno explicit policyDifferent CRL scopeUnsupported extension featurepermitted subtree violationexcluded subtree violationCRL path validation errorPath LoopSuite B: invalid ECC curveHostname mismatchEmail address mismatchIP address mismatchNo matching DANE TLSA recordsEE certificate key too weakCA certificate key too weakproxy subject name violationOCSP verification neededOCSP verification failedOCSP unknown certunspecified certificate verification errorunable to get issuer certificateunable to decrypt certificate's signatureunable to decrypt CRL's signatureunable to decode issuer public keyformat error in certificate's notBefore fieldformat error in certificate's notAfter fieldformat error in CRL's lastUpdate fieldformat error in CRL's nextUpdate fieldself signed

certificate in certificate chainunable to get local issuer certificateunable to verify the first certificatepath length constraint exceededunsupported certificate purposeauthority and subject key identifier mismatchauthority and issuer serial number mismatchkey usage does not include certificate signingunable to get CRL issuer certificatekey usage does not include CRL signingunhandled critical CRL extensioninvalid non-CA certificate (has CA markings)proxy path length constraint exceededkey usage does not include digital signatureproxy certificates not allowed, please set the appropriate flaginvalid or inconsistent certificate extensioninvalid or inconsistent certificate policy extensionRFC 3779 resource not subset of parent's resourcesname constraints minimum and maximum not supportedapplication verification failureunsupported name constraint typeunsupported or invalid name constraint syntaxunsupported or invalid name syntaxSuite B: certificate version invalidSuite B: invalid public

key algorithmSuite B: invalid signature algorithmSuite B: curve not allowed for this LOSSuite B: cannot sign P-384 with P-256CA signature digest algorithm too weakInvalid certificate verification contextIssuer certificate lookup errorCertificate Transparency required, but no valid SCTs foundunknown certificate verification errorV[[x[h[X[H[8[([[[ZZZZZZZZxZhZXZHZ8Z(ZZZYYYYYYYYxYhYXYHY8Y(YYYXXXXXXXXxXhXXXHX8X(XXXWWWWWWWWxWhWXWHW8W(WWWV../../OpenSSL_1_1_1c/crypto/x509/x509_v3.c../../OpenSSL_1_1_1c/crypto/x509/x509_vfy.cPp../../OpenSSL_1_1_1c/crypto/x509/x509_vpm.cssl_clientssl_server../../OpenSSL_1_1_1c/crypto/x509/x509name.c../../OpenSSL_1_1_1c/crypto/x509/x509spki.cX509_ATTRIBUTE../../OpenSSL_1_1_1c/crypto/x509/x_crl.cX509_CRLsig_algX509_CRL_INFOlastUpdateX509_REVOKEDrevocationDateX509_EXTENSIONSX509_EXTENSION../../OpenSSL_1_1_1c/crypto/x509/x_name.cX509_NAME_INTERNALX509_NAME_ENTRIESRDNSX509_NAME_ENTRY../../OpenSSL_1_1_1c/crypto/x509/x_pubkey.cX509_PUBKEYreq_infoX509_REQ_INFOPX../../OpenSSL_1_1_1c/crypto/x509/x_x509.ccert_infoX509_CINFissuerUIDsubjectUIDpX509_CERT_AUXreject../../OpenSSL_1_1_1c/crypto/x509v3/pcy_cache.c../../OpenSSL_1_1_1c/crypto/x509v3/pcy_data.c../../OpenSSL_1_1_1c/crypto/x509v3/pcy_node.c../../OpenSSL_1_1_1c/crypto/x509v3/pcy_tree.c[%d]%x%s%s%02x%*sIPv4%*sIPv6%*sUnknown
AFI %u (Unicast) (Multicast) (Unicast/Multicast) (MPLS) (Tunnel) (VPLS) (BGP MDT) (MPLS-labeled VPN) (Unknown SAFI %u): inherit
/%d
IPv4-SAFIIPv6-SAFI,value:,name:section:IPAddressFamilyaddressFamilyipAddressChoiceIPAddressChoiceu.inheritu.addressesOrRangesIPAddressOrRangeu.addressPrefixu.addressRangeIPAddressRangeminmax../../OpenSSL_1_1_1c/crypto/x509v3/v3_addr.c0123456789.:abcdefABCDEF0123456789. (%*snamingAuthority: %*s admissionAuthorityId: %*s namingAuthorityText: %*s namingAuthorityUrl: %*sadmissionAuthority:
%*s %*sEntry %0d:
%*s admissionAuthority:
%*s %*s registrationNumber: %*s Info Entries:
%*s %*s Profession OIDs:
%*s %s%s%s%s
ADMISSION_SYNTAXadmissionAuthoritycontentsOfAdmissionsADMISSIONSnamingAuthorityprofessionInfosPROFESSION_INFOprofessionItemsprofessionOIDsregistrationNumberaddProfessionInfoNAMING_AUTHORITYnamingAuthorityIdnamingAuthorityUrlnamingAuthorityText%*s
Profession Info Entry %0d:
always../../OpenSSL_1_1_1c/crypto/x509v3/v3_akey.cothernameX400NameEdiPartyNameURIDirNameIP AddressRegistered IDothername:<unsupported>X400Name:<unsupported>EdiPartyName:<unsupported>email:%sDNS:%sURI:%sDirName:IP Address:%d.%d.%d.%d:%XIP Address:<invalid>Registered ID:RIDIPdirNamejjj,kh\kkTi\jm8mhmmmmnll4opplq|plqpqo../../OpenSSL_1_1_1c/crypto/x509v3/v3_alt.c%*s%s%*s%s-Autonomous System Numbers%*sinherit
Routing Domain IdentifiersASRDIasnumrdiASIdentifierChoiceu.asIdsOrRangesASIdOrRangeu.idu.rangeASRange../../OpenSSL_1_1_1c/crypto/x509v3/v3_asid.cpathlen../../OpenSSL_1_1_1c/crypto/x509v3/v3_bcons.c../../OpenSSL_1_1_1c/crypto/x509v3/v3_bitst.cDigital SignaturedigitalSignatureNon RepudiationnonRepudiationKey EnciphermentkeyEnciphermentData
EnciphermentdataEnciphermentKey AgreementkeyAgreementCertificate SignkeyCertSignCRL SigncRLSignEncipher OnlyencipherOnlyDecipher OnlydecipherOnlyObject SigningobjsignUnusedreservedSSL CAsslCAS/MIME CAemailCAObject Signing CAobjCA../../OpenSSL_1_1_1c/crypto/x509v3/v3_conf.c,section=critical,DER:ASN1:%*sCPS: %s
%*sUser Notice:
%*sOrganization: %s

%*sNumber%s: (null)%*sExplicit Text: %s
%*sUnknown Qualifier: %*sPolicy: ia5orgpolicyIdentifieruserNoticeexplicitTextnoticeNumbersNon Critical%*sNo Qualifiers
NOTICEREFnoticenosUSERNOTICEnoticerefexptextPOLICYQUALINFOpqualidd.cpsurid.usernoticePOLICYINFOpolicyidqualifiersCERTIFICATEPOLICIES../../OpenSSL_1_1_1c/crypto/x509v3/v3_cpols.c%*sFull Name:
%*sRelative Name:
%*s%*sOnly User Certificates
%*sOnly CA Certificates
%*sIndirect CRL
Only Some Reasons%*s%s:
%*s%*s<EMPTY>
%*sCRL Issuer:
CRLissueronlyuseronlyCAonlyAAindirectCRLonlysomereasonsISSUING_DIST_POINTdistpointonlyattrCRL_DIST_POINTSCRLDistributionPointsDIST_POINT_NAMEname.fullnamename.relativenameunusedKey CompromiseCA CompromiseCACompromiseAffiliation ChangedSupersededCessation Of OperationCertificate HoldPrivilege WithdrawnprivilegeWithdrawnAA CompromiseAACompromise%*sOnly Attribute Certificates
../../OpenSSL_1_1_1c/crypto/x509v3/v3_crld.c../../OpenSSL_1_1_1c/crypto/x509v3/v3_enum.cUnspecifiedRemove From CRL../../OpenSSL_1_1_1c/crypto/x509v3/v3_extku.c(008@80
TTTTTTTTT``````GeneralNamesd.otherNamed.rfc822Named.dNSNamed.x400Addressd.directoryNamed.ediPartyNamed.uniformResourceIdentifierd.iPAddressd.registeredIDEDIPARTYNAMEnameAssignerpartyNameOTHERNAMEtype_id../../OpenSSL_1_1_1c/crypto/x509v3/v3_ia5.c../../OpenSSL_1_1_1c/crypto/x509v3/v3_info.c%s - %sACCESS_DESCRIPTIONlocation../../OpenSSL_1_1_1c/crypto/x509v3/v3_lib.cIP:%d.%d.%d.%d/%d.%d.%d.%dPermittedExcludedpermittedexcludedpermittedSubtreesexcludedSubtreesGENERAL_SUBTREEminimummaximum,$,,L44T|../../OpenSSL_1_1_1c/crypto/x509v3/v3_ncons.chex:text:%*sPath Length Constraint: infinite%*sPolicy Language: %*sPolicy
Text: %s
../../OpenSSL_1_1_1c/crypto/x509v3/v3_pci.cPROXY_CERT_INFO_EXTENSIONpcPathLengthConstraintproxyPolicyPROXY_POLICYpolicyLanguageRequire Explicit PolicyInhibit Policy MappingrequireExplicitPolicyinhibitPolicyMapping../../OpenSSL_1_1_1c/crypto/x509v3/v3_pcons.cNot After: PKEY_USAGE_PERIOD../../OpenSSL_1_1_1c/crypto/x509v3/v3_pmaps.cPOLICY_MAPPINGissuerDomainPolicysubjectDomainPolicy%*s<Not Supported>%*s<Parse Error>%*s%s../../OpenSSL_1_1_1c/crypto/x509v3/v3_prn.c../../OpenSSL_1_1_1c/crypto/x509v3/v3_purp.cGSUWYg~"#SSL clientsslclientNetscape SSL servernssslserverS/MIME signingsmimesignS/MIME encryptionsmimeencryptCRL signingcrlsignAny PurposeOCSP helperocsphelperTime Stamp signingtimestampsign../../OpenSSL_1_1_1c/crypto/x509v3/v3_skey.c%*sVersion: %ld (0x%lX)
%*sZone: %s, User:
SXNETSXNETID../../OpenSSL_1_1_1c/crypto/x509v3/v3_sxnet.c../../OpenSSL_1_1_1c/crypto/x509v3/v3_tlsf.cstatus_request_v2../../OpenSSL_1_1_1c/crypto/x509v3/v3_utl.c-0xxn--truefalsebad ip addressbad objectbn dec2bn errorbn to asn1 integer errordirname errordistpoint already setduplicate zone iderror converting zoneerror creating extensionerror in extensionexpected a section nameextension existsextension name errorextension not foundextension value errorillegal empty extensionincorrect policy syntax taginvalid asnumberinvalid asrangeinvalid boolean stringinvalid extension stringinvalid inheritanceinvalid ipaddressinvalid multiple rdnsinvalid nameinvalid null nameinvalid null valueinvalid numbersinvalid object identifierinvalid optioninvalid policy identifierinvalid proxy policy settinginvalid purposeinvalid safiinvalid sectioninvalid syntaxissuer decode errorneed organization and numbersno config databaseno issuer certificateno issuer detailsno policy identifierno subject detailsoperation not definedothername errorpolicy path lengthunable to get issuer detailsunable to get issuer keyidunknown bit string argumentunknown extensionunknown extension nameunsupported optionuser too longa2i_GENERAL_NAMEaddr_validate_path_internalASIdentifierChoice_canonizebignum_to_stringcopy_email

copy_issuerdo_dirnamedo_ext_i2ddo_ext_nconfgnames_from_sectnamei2s_ASN1_ENUMERATEDi2s_ASN1_IA5STRINGi2s_ASN1_INTEGERi2v_AUTHORITY_INFO_ACCESSlevel_add_nodenotice_sectionnref_nospolicy_cache_createpolicy_cache_newpolicy_data_newpolicy_sectionprocess_pci_valuer2i_certpolr2i_pcis2i_ASN1_IA5STRINGs2i_ASN1_INTEGERs2i_ASN1_OCTET_STRINGs2i_skey_idset_dist_point_nameSXNET_add_id_ascSXNET_add_id_INTEGERSXNET_add_id_ulongSXNET_get_id_ascSXNET_get_id_ulongtree_initv2i_ASIdentifiersv2i_ASN1_BIT_STRINGv2i_AUTHORITY_INFO_ACCESSv2i_AUTHORITY_KEYIDv2i_BASIC_CONSTRAINTSv2i_crldv2i_EXTENDED_KEY_USAGEv2i_GENERAL_NAMESv2i_GENERAL_NAME_exv2i_idpv2i_IPAddrBlocksv2i_issuer_altv2i_NAME_CONSTRAINTSv2i_POLICY_CONSTRAINTSv2i_POLICY_MAPPINGSv2i_subject_altv2i_TLS_FEATUREv3_generic_extensionX509V3_add1_i2dX509V3_add_valueX509V3_EXT_addX509V3_EXT_add_aliasX509V3_EXT_i2dX509V3_EXT_nconfX509V3_get_sectionX509V3_get_stringX509V3_get_value_boolX509V3_parse_listX509_PURPOSE_addX509_PURPOSE_setextension
setting not supportedno proxy cert policy language definedpolicy language already definedpolicy path length already definedpolicy when proxy language requires no policyASIdentifierChoice_is_canonical../../OpenSSL_1_1_1c/ssl/bio_ssl.c|K|LKLK|L|LKDKMMXMpMMMMLSRSNSS`R@R(RRQQPQ8QNSSS

SHATLS_RSA_PSK_WITH_AES_128_CBC_SHATLS_RSA_PSK_WITH_AES_256_CBC_SHATLS_PSK_WITH_AES_128_GCM_SHA256TLS_PSK_WITH_AES_256_GCM_SHA384TLS_DHE_PSK_WITH_AES_128_GCM_SHA256TLS_DHE_PSK_WITH_AES_256_GCM_SHA384TLS_RSA_PSK_WITH_AES_128_GCM_SHA256TLS_RSA_PSK_WITH_AES_256_GCM_SHA384TLS_PSK_WITH_AES_128_CBC_SHA256TLS_PSK_WITH_AES_256_CBC_SHA384TLS_DHE_PSK_WITH_AES_128_CBC_SHA256TLS_DHE_PSK_WITH_AES_256_CBC_SHA384TLS_RSA_PSK_WITH_AES_128_CBC_SHA256TLS_RSA_PSK_WITH_AES_256_CBC_SHA384TLS_ECDHE_PSK_WITH_AES_128_CBC_SHATLS_ECDHE_PSK_WITH_AES_256_CBC_SHATLS_ECDHE_PSK_WITH_AES_128_CBC_SHA256TLS_ECDHE_PSK_WITH_AES_256_CBC_SHA384TLS_ECDHE_PSK_WITH_NULL_SHA256TLS_ECDHE_PSK_WITH_NULL_SHA384TLS_SRP_SHA_WITH_AES_128_CBC_SHATLS_SRP_SHA_RSA_WITH_AES_128_CBC_SHATLS_SRP_SHA_DSS_WITH_AES_128_CBC_SHATLS_SRP_SHA_WITH_AES_256_CBC_SHATLS_SRP_SHA_RSA_WITH_AES_256_CBC_SHATLS_SRP_SHA_DSS_WITH_AES_256_CBC_SHATLS_DHE_RSA_WITH_CHACHA20_POLY1305_SHA256TLS_ECDHE_RSA_WITH_CHACHA20_POLY1305_SHA256TLS_ECDHE_ECDSA_WITH_CHACHA20_POLY1305_SHA256TLS_PSK_WITH_CHACHA20_POLY1305_SHA256TLS_ECDHE_PSK_WITH_CHACHA20_POLY1305_SHA256TLS_DHE_PSK_WITH_CHACHA20_POLY1305_SHA256TLS_RSA_PSK_WITH_CHACHA20_POLY1305_SHA256TLS_RSA_WITH_CAMELLIA_128_CBC_SHA256TLS_DHE_DSS_WITH_CAMELLIA_128_CBC_SHA256TLS_DHE_RSA_WITH_CAMELLIA_128_CBC_SHA256TLS_DH_anon_WITH_CAMELLIA_128_CBC_SHA256TLS_RSA_WITH_CAMELLIA_256_CBC_SHA256TLS_DHE_DSS_WITH_CAMELLIA_256_CBC_SHA256TLS_DHE_RSA_WITH_CAMELLIA_256_CBC_SHA256TLS_DH_anon_WITH_CAMELLIA_256_CBC_SHA256TLS_RSA_WITH_CAMELLIA_256_CBC_SHATLS_DHE_DSS_WITH_CAMELLIA_256_CBC_SHATLS_DHE_RSA_WITH_CAMELLIA_256_CBC_SHATLS_DH_anon_WITH_CAMELLIA_256_CBC_SHATLS_RSA_WITH_CAMELLIA_128_CBC_SHATLS_DHE_DSS_WITH_CAMELLIA_128_CBC_SHATLS_DHE_RSA_WITH_CAMELLIA_128_CBC_SHATLS_DH_anon_WITH_CAMELLIA_128_CBC_SHAECDHE-ECDSA-CAMELLIA128-SHA256TLS_ECDHE_ECDSA_WITH_CAMELLIA_128_CBC_SHA256ECDHE-ECDSA-CAMELLIA256-SHA384TLS_ECDHE_ECDSA_WITH_CAMELLIA_256_CBC_SHA384TLS_ECDHE_RSA_WITH_CAMELLIA_128_CBC_SHA256TLS_ECDHE_RSA_WITH_CAMELLIA_256_CBC_SHA384TLS_PSK_WITH_CAMELLIA_128_CBC_SHA256TLS_PSK_WITH_CAMELLIA_256_CBC_SHA384TLS_DHE_PSK_WITH_CAMELLIA_128_CBC_SHA256TLS_DHE_PSK_WITH_CAMELLIA_256_CBC_SHA384TLS_RSA_PSK_WITH_CAMELLIA_128_CBC_SHA256TLS_RSA_PSK_WITH_CAMELLIA_256_CBC_SHA384TLS_ECDHE_PSK_WITH_CAMELLIA_128_CBC_SHA256TLS_ECDHE_PSK_WITH_CAMELLIA_256_CBC_SHA384TLS_GOSTR341001_WITH_28147_CNT_IMITTLS_GOSTR341001_WITH_NULL_GOSTR3411TLS_RSA_WITH_ARIA_128_GCM_SHA256TLS_RSA_WITH_ARIA_256_GCM_SHA384TLS_DHE_RSA_WITH_ARIA_128_GCM_SHA256TLS_DHE_RSA_WITH_ARIA_256_GCM_SHA384TLS_DHE_DSS_WITH_ARIA_128_GCM_SHA256TLS_DHE_DSS_WITH_ARIA_256_GCM_SHA384ECDHE-ECDSA-ARIA128-GCM-SHA256TLS_ECDHE_ECDSA_WITH_ARIA_128_GCM_SHA256ECDHE-ECDSA-ARIA256-GCM-SHA384TLS_ECDHE_ECDSA_WITH_ARIA_256_GCM_SHA384TLS_ECDHE_RSA_WITH_ARIA_128_GCM_SHA256TLS_ECDHE_RSA_WITH_ARIA_256_GCM_SHA384TLS_PSK_WITH_ARIA_128_GCM_SHA256TLS_PSK_WITH_ARIA_256_GCM_SHA384TLS_DHE_PSK_WITH_ARIA_128_GCM_SHA256TLS_DHE_PSK_WITH_ARIA_256_GCM_SHA384TLS_RSA_PSK_WITH_ARIA_128_GCM_SHA256TLS_RSA_PSK_WITH_ARIA_256_GCM_SHA384H`p8('p"p'p'p".p.`.p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'p'-p'-p'p'p'p'p'p'p'--h-(--@-,p'p'p'p'p'p'p'p'p'p'p'p'p'p'p',,
,,++p'p'p'+p+p'p'P+0+*X*@*
**X')p')p'p'p'`)@)((p'p'p'p'p'p'p'p'0)p'p'p'p'(.D32P/2P/P/P/P/P/P/P/l2P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/P/T2P/P/P/11P/P/P/P/11P/P/P/P/P/P/P/P/P/P/P/1110d.T0P/P/P/P/400P///P/P/P/P//|/P/P/|\/P/....P/P/P/P/P/P/P/|.4444P/P/P/P/P/P/P/P/333DOWNGRDDOWNGRDCLNTSRVRTLS_FALLBACK_SCSVNULL-MD5TLS_RSA_WITH_NULL_MD5TLS_RSA_WITH_NULL_SHATLS_RSA_WITH_AES_128_CBC_SHADH

E-DSS-AES128-SHAADH-AES128-SHATLS_RSA_WITH_AES_256_CBC_SHADHE-DSS-AES256-SHAADH-AES256-SHATLS_RSA_WITH_NULL_SHA256DHE-DSS-AES128-SHA256DHE-DSS-AES256-SHA256DHE-RSA-AES256-SHA256ADH-AES128-SHA256ADH-AES256-SHA256DHE-DSS-AES128-GCM-SHA256DHE-DSS-AES256-GCM-SHA384ADH-AES128-GCM-SHA256ADH-AES256-GCM-SHA384TLS_RSA_WITH_AES_128_CCMTLS_RSA_WITH_AES_256_CCMDHE-RSA-AES128-CCMTLS_DHE_RSA_WITH_AES_128_CCMDHE-RSA-AES256-CCMTLS_DHE_RSA_WITH_AES_256_CCMTLS_RSA_WITH_AES_128_CCM_8TLS_RSA_WITH_AES_256_CCM_8DHE-RSA-AES128-CCM8DHE-RSA-AES256-CCM8TLS_PSK_WITH_AES_128_CCMTLS_PSK_WITH_AES_256_CCMDHE-PSK-AES128-CCMTLS_DHE_PSK_WITH_AES_128_CCMDHE-PSK-AES256-CCMTLS_DHE_PSK_WITH_AES_256_CCMTLS_PSK_WITH_AES_128_CCM_8TLS_PSK_WITH_AES_256_CCM_8DHE-PSK-AES128-CCM8DHE-PSK-AES256-CCM8ECDHE-ECDSA-AES128-CCMECDHE-ECDSA-AES256-CCMECDHE-ECDSA-AES128-CCM8ECDHE-ECDSA-AES256-CCM8ECDHE-ECDSA-NULL-SHATLS_ECDHE_ECDSA_WITH_NULL_SHAECDHE-ECDSA-AES128-SHAECDHE-ECDSA-AES256-SHAECDHE-RSA-NULL-SHATLS_ECDHE_RSA_WITH_NULL_SHAECDHE-RSA-AES128-SHAECDHE-RSA-AES256-SHAAECDH-NULL-SHATLS_ECDH_anon_WITH_NULL_SHAAECDH-AES128-SHAAECDH-AES256-SHAECDHE-ECDSA-AES128-SHA256ECDHE-ECDSA-AES256-SHA384ECDHE-RSA-AES128-SHA256ECDHE-RSA-AES256-SHA384ECDHE-ECDSA-AES128-GCM-SHA256ECDHE-ECDSA-AES256-GCM-SHA384ECDHE-RSA-AES128-GCM-SHA256ECDHE-RSA-AES256-GCM-SHA384TLS_PSK_WITH_NULL_SHATLS_DHE_PSK_WITH_NULL_SHARSA-PSK-NULL-SHATLS_RSA_PSK_WITH_NULL_SHATLS_PSK_WITH_AES_128_CBC_SHATLS_PSK_WITH_AES_256_CBC_SHARSA-PSK-AES128-CBC-SHARSA-PSK-AES256-CBC-SHADHE-PSK-AES128-GCM-SHA256DHE-PSK-AES256-GCM-SHA384RSA-PSK-AES128-GCM-SHA256RSA-PSK-AES256-GCM-SHA384TLS_PSK_WITH_NULL_SHA256TLS_PSK_WITH_NULL_SHA384TLS_DHE_PSK_WITH_NULL_SHA256TLS_DHE_PSK_WITH_NULL_SHA384RSA-PSK-AES128-CBC-SHA256RSA-PSK-AES256-CBC-SHA384RSA-PSK-NULL-SHA256TLS_RSA_PSK_WITH_NULL_SHA256RSA-PSK-NULL-SHA384TLS_RSA_PSK_WITH_NULL_SHA384ECDHE-PSK-AES128-CBC-SHAECDHE-PSK-AES256-CBC-SHAECDHE-PSK-AES128-CBC-SHA256ECDHE-PSK-AES256-CBC-SHA384ECDHE-PSK-NULL-SHATLS_ECDHE_PSK_WITH_NULL_SHAECDHE-PSK-NULL-SHA256ECDHE-PSK-NULL-SHA384SRP-AES-128-CBC-SHASRP-RSA-AES-128-CBC-SHASRP-DSS-AES-128-CBC-SHASRP-AES-256-CBC-SHASRP-RSA-AES-256-CBC-SHASRP-DSS-AES-256-CBC-SHAECDHE-RSA-CHACHA20-POLY1305ECDHE-ECDSA-CHACHA20-POLY1305ECDHE-PSK-CHACHA20-POLY1305RSA-PSK-CHACHA20-POLY1305DHE-DSS-CAMELLIA128-SHA256ADH-CAMELLIA128-SHA256DHE-DSS-CAMELLIA256-SHA256DHE-RSA-CAMELLIA256-SHA256ADH-CAMELLIA256-SHA256DHE-DSS-CAMELLIA256-SHADHE-RSA-CAMELLIA256-SHAADH-CAMELLIA256-SHADHE-DSS-CAMELLIA128-SHADHE-RSA-CAMELLIA128-SHAADH-CAMELLIA128-SHAECDHE-RSA-CAMELLIA128-SHA256ECDHE-RSA-CAMELLIA256-SHA384RSA-PSK-CAMELLIA128-SHA256RSA-PSK-CAMELLIA256-SHA384ECDHE-PSK-CAMELLIA128-SHA256ECDHE-PSK-CAMELLIA256-SHA384GOST2001-GOST89-GOST89GOST2001-NULL-GOST94GOST2012-GOST8912-GOST8912GOST2012-NULL-GOST12IDEA-CBC-SHATLS_RSA_WITH_IDEA_CBC_SHATLS_RSA_WITH_SEED_CBC_SHADHE-DSS-SEED-SHATLS_DHE_DSS_WITH_SEED_CBC_SHADHE-RSA-SEED-SHATLS_DHE_RSA_WITH_SEED_CBC_SHAADH-SEED-SHATLS_DH_anon_WITH_SEED_CBC_SHADHE-RSA-ARIA128-GCM-SHA256DHE-RSA-ARIA256-GCM-SHA384DHE-DSS-ARIA128-GCM-SHA256DHE-DSS-ARIA256-GCM-SHA384ECDHE-ARIA128-GCM-SHA256ECDHE-ARIA256-GCM-SHA384DHE-PSK-ARIA128-GCM-SHA256DHE-PSK-ARIA256-GCM-SHA384RSA-PSK-ARIA128-GCM-SHA256RSA-PSK-ARIA256-GCM-SHA384TLS_AES_128_GCM_SHA256TLS_AES_256_GCM_SHA384TLS_CHACHA20_POLY1305_SHA256TLS_AES_128_CCM_SHA256TLS_AES_128_CCM_8_SHA256../../OpenSSL_1_1_1c/ssl/s3_msg.c../../OpenSSL_

1_1_1c/ssl/ssl_asn1.cSSL_SESSION_ASN1master_keykey_argtimeoutverify_resulttlsext_hostnamepsk_identitytlsext_tick_lifetime_hinttlsext_tickcomp_idsrp_usernametlsext_tick_age_addmax_early_dataalpn_selectedtlsext_max_fragment_len_modeticket_appdataSSL
 for verify callback%s/%sOPENSSL_DIR_read(&ctx, '../../OpenSSL_1_1_1c/ssl/ssl_cert.cPpt+
?@../../OpenSSL_1_1_1c/ssl/ssl_ciph.cECDHE-ECDSA-AES128-GCM-SHA256:ECDHE-ECDSA-AES256-GCM-SHA384ALL:!COMPLEMENTOFDEFAULT:!eNULL%-23s %s Kx=%-8s Au=%-4s Enc=%-9s Mac=%-4s STRENGTHSECLEVEL=SUITEB128ONLYSUITEB128C2SUITEB128SUITEB192DES(56)3DES(168)RC4(128)RC2(128)IDEA(128)AES(128)AES(256)AESGCM(128)AESGCM(256)AESCCM(128)AESCCM(256)AESCCM8(128)AESCCM8(256)Camellia(128)Camellia(256)ARIAGCM(128)ARIAGCM(256)SEED(128)GOST89(256)CHACHA20/POLY1305(256)AEADGOST2012(NONE)TLSv1.0COMPLEMENTOFALLCOMPLEMENTOFDEFAULTkRSAkEDHkDHEkEECDHkECDHEkPSKkRSAPSKkECDHEPSKkDHEPSKkSRPkGOSTaRSAaDSSaNULLaECDSAaPSKaGOST01aGOST12aGOSTaSRPADHAECDHeNULLAESAESGCMAESCCMAESCCM8CAMELLIACHACHA20ARIAARIAGCMGOST89MACSSLv3LOWMEDIUMHIGHFIPSEDH-DSS-DES-CBC3-SHAEDH-RSA-DES-CBC3-SHA @(
@ '@)/ r,%" @. @c
e../../OpenSSL_1_1_1c/ssl/ssl_conf.cTLSv1.1TLSv1.3DTLSv1DTLSv1.2+automaticSSLv2SessionTicketEmptyFragmentsBugsCompressionServerPreferenceNoResumptionOnRenegotiationECDHSingleUnsafeLegacyRenegotiationEncryptThenMacNoRenegotiationAllowNoDHEKEXPrioritizeChaChaMiddleboxCompatAntiReplayPeerRequireOnceRequestPostHandshakeRequirePostHandshakeno_ssl3no_tls1no_tls1_1no_tls1_2no_tls1_3bugsno_compecdh_singleno_ticketserverpreflegacy_renegotiationno_renegotiationno_resumption_on_renegno_legacy_server_connectallow_no_dhe_kexprioritize_chachano_middleboxno_anti_replayClientSignatureAlgorithmsclient_sigalgsCurvescurvesECDHParametersCipherStringCiphersuitesciphersuitesMinProtocolmin_protocolMaxProtocolmax_protocolVerifyModeServerInfoFileChainCAPathchainCApathChainCAFilechainCAfileVerifyCAPathverifyCApathVerifyCAFileverifyCAfileRequestCAFilerequestCAFileClientCAFileRequestCAPathClientCAPathdhparamRecordPaddingrecord_paddingNumTicketsnum_tickets
 T@@@ application data after close notifyattempt to reuse session in different contextat least TLS 1.0
 needed in FIPS modeat least (D)TLS 1.2 needed in Suite B modebad srtp protection profile listciphersuite digest has changedcompression id not within private rangecustom ext handler already installeddane cannot override mtype fulldane tlsa bad certificate usagedecryption failed or bad record macdh public value length is wrongempty srtp protection profile listerror setting tlsa base domainmissing supported groups extensionmixed handshake and non handshake dataPeer haven't sent GOST certificate, required for selected ciphersuiteno shared signature algorithmsno suitable signature algorithmold session cipher not returnedold session compression algorithm not returnedpeer did not return a certificatepost handshake auth encoding errrequired compression algorithm missingscsv received when renegotiatingsession id context uninitializedsignature for non signing certificatesrtp could not allocate profilessrtp protection profile list too longsrtp unknown protection profilessl3 ext invalid max fragment
 lengthssl3 ext invalid servername typesslv3 alert certificate expiredsslv3 alert certificate revokedsslv3 alert certificate unknownsslv3 alert decompression failuresslv3 alert unexpected messagesslv3 alert unsupported certificatessl ctx has no default ssl versionssl session id callback failedssl session id context too longtlsv13 alert certificate requiredtlsv13 alert missing extensiontlsv1 alert export restrictiontlsv1 alert inappropriate fallbacktlsv1 alert insufficient securitytlsv1 bad certificate hash valuetlsv1 bad certificate status responsetlsv1 certificate unobtainablepeer does not accept heartbeatsheartbeat request already pendingtls invalid ecpointformat listunable to find ecdh parametersunable to find public key parametersunable to load ssl3 md5 routinesunable to load ssl3 sha1 routinesunsafe legacy renegotiation disabledx509 verification setup problemsdtls1_process_buffered_recordsdtls_construct_change_cipher_specdtls_construct_hello_verify_requestossl_statem_client13_write_transitionossl_statem_client_post_process_messageossl_statem_client_process_messageossl_statem_client_read_transitionossl_statem_client_write_transitionossl_statem_server13_write_transitionossl_statem_server_post_process_messageossl_statem_server_process_messageossl_statem_server_read_transitionossl_statem_server_write_transitionsrp_generate_client_master_secretsrp_generate_server_master_secretSSL_add_dir_cert_s

ubjects_to_stackSSL_add_file_cert_subjects_to_stackssl_check_srvr_ecc_cert_and_algSSL_client_hello_get1_extensions_presentSSL_COMP_add_compression_methodSSL_CTX_set_client_cert_engineSSL_CTX_set_ct_validation_callbackSSL_CTX_set_session_id_contextSSL_CTX_set_tlsext_max_fragment_lengthSSL_CTX_use_RSAPrivateKey_ASN1SSL_CTX_use_RSAPrivateKey_filessl_log_rsa_client_key_exchangeSSL_set_ct_validation_callbackSSL_set_tlsext_max_fragment_lengthSSL_verify_client_post_handshaketls13_restore_handshake_digest_for_phatls13_save_handshake_digest_for_phatls_client_key_exchange_post_worktls_construct_certificate_authoritiestls_construct_certificate_requesttls_construct_cert_status_bodytls_construct_change_cipher_spectls_construct_cke_psk_preambletls_construct_client_certificatetls_construct_client_key_exchangetls_construct_ctos_ec_pt_formatstls_construct_ctos_maxfragmentlentls_construct_ctos_post_handshake_authtls_construct_ctos_psk_kex_modestls_construct_ctos_renegotiatetls_construct_ctos_server_nametls_construct_ctos_session_tickettls_construct_ctos_status_requesttls_construct_ctos_supported_groupstls_construct_ctos_supported_versionstls_construct_encrypted_extensionstls_construct_end_of_early_datatls_construct_hello_retry_requesttls_construct_new_session_tickettls_construct_server_certificatetls_construct_server_key_exchangetls_construct_stoc_cryptopro_bugtls_construct_stoc_ec_pt_formatstls_construct_stoc_maxfragmentlentls_construct_stoc_next_proto_negtls_construct_stoc_renegotiatetls_construct_stoc_server_nametls_construct_stoc_session_tickettls_construct_stoc_status_requesttls_construct_stoc_supported_groupstls_construct_stoc_supported_versionstls_early_post_process_client_hellotls_parse_certificate_authoritiestls_parse_ctos_post_handshake_authtls_parse_ctos_supported_groupstls_parse_stoc_supported_versionstls_post_process_client_key_exchangetls_prepare_client_certificatetls_process_as_hello_retry_requesttls_process_certificate_requesttls_process_change_cipher_spectls_process_client_certificatetls_process_client_key_exchangetls_process_encrypted_extensionstls_process_hello_retry_requesttls_process_initial_server_flighttls_process_new_session_tickettls_process_server_certificateWPACKET_start_sub_packet_len__app

data in handshakebad change cipher specbad cipherbad databad data returned by callbackbad decompressionbad dh valuebad early databad ecc certbad ecpointbad extensionbad handshake lengthbad handshake statebad hello requestbad hrr versionbad key sharebad key updatebad legacy versionbad packetbad packet lengthbad protocol version numberbad pskbad

psk identitybad record typebad rsa encryptbad srp a lengthbad srp parametersbad srtp mki valuebad ssl filetypebad write retrybinder does not verifyblock cipher pad is wrongcallback failedcannot change cipherca dn length mismatchca key too smallca md too weakccs received earlycertificate verify failedcert cb errorcert length mismatchcipher code wrong lengthcipher or hash unavailableclienthello tlsextcompressed length too longcompression disabledcompression library errorconnection type not setcontext not dane enabledcookie gen callback failurecookie mismatchdane already enableddane not enableddane tlsa bad certificatedane tlsa bad data lengthdane tlsa bad digest lengthdane tlsa bad matching typedane tlsa bad public keydane tlsa bad selectordane tlsa null datadata between ccs and finisheddata length too longdh key too smalldigest check faileddtls message too bigduplicate compression idecc cert not for signingecdh required for suiteb modeee key too smallencrypted length too longerror

in received cipher listexceeds max fragment sizeexcessive message sizeextension not receivedextra data in messageext length mismatchfailed to init asyncfragmented client hellogot a fin before a ccshttps proxy requesthttp requestillegal point compressionillegal Suite B digestinappropriate fallbackinconsistent compressioninconsistent early data alpninconsistent early data sniinconsistent extmsinsufficient securityinvalid alertinvalid ccs messageinvalid certificate or alginvalid commandinvalid compression algorithminvalid configinvalid configuration nameinvalid contextinvalid ct validation typeinvalid key update typeinvalid max early datainvalid null cmd nameinvalid sequence numberinvalid serverinfo datainvalid session idinvalid srp usernameinvalid status responseinvalid ticket keys lengthlength too shortlibrary bugmissing dsa signing certmissing ecdsa signing certmissing fatalmissing rsa certificatemissing rsa encrypting certmissing rsa signing certmissing sigalgs extensionmissing signing

certcan't find SRP server parammissing tmp dh keymissing tmp ecdh keynot on record boundarynot replacing certificatenot serverno application protocolno certificates returnedno certificate assignedno certificate setno change following hrrno ciphers availableno ciphers specifiedno cipher matchno client cert methodno compression

specifiedno cookie callback setno method specifiedno pem extensionsno private key assignedno protocols availableno required digestno shared cipherno shared groupsno srtp profilesno suitable key shareno valid sctsno verify cookie callbacknull ssl ctxnull ssl method passedoverflow errorpacket length too longparse tlsextpath too longpem name bad prefixpem name too shortpipeline failureprivate key mismatchprotocol is shutdownpsk identity not foundpsk no client cbpsk no server cbread bio not setread timeout expiredrecord length mismatchrecord too smallrenegotiate ext too longrenegotiation encoding errrenegotiation mismatchrequest pendingrequest sentrequired cipher missingsct

verification failedserverhello tlsextshutdown while in initsignature algorithms errorerror with the srp paramsssl3 ext invalid servernamessl3 session id too longsslv3 alert bad certificatesslv3 alert bad record macsslv3 alert handshake failuresslv3 alert illegal parametersslv3 alert no certificatessl handshake failuressl library has no ciphersssl negative lengthssl session id conflictssl session id has bad lengthssl session id too longssl session version mismatchstill in inittlsv1 alert access deniedtlsv1 alert decode errortlsv1 alert decryption failedtlsv1 alert decrypt errortlsv1 alert internal errortlsv1 alert no renegotiationtlsv1 alert protocol versiontlsv1 alert record overflowtlsv1 alert unknown catlsv1 alert user cancelledtlsv1 unrecognized nametlsv1 unsupported extensiontls illegal exporter labeltoo many key updatestoo many warn alertstoo much early dataunexpected ccs messageunexpected end of early dataunexpected messageunexpected recordunknown alert typeunknown certificate

typeunknown cipher returnedunknown cipher typeunknown cmd nameunknown commandunknown key exchange typeunknown pkey typeunknown protocolunknown ssl versionunknown stateunsolicited extensionunsupported elliptic curveunsupported protocolunsupported ssl versionunsupported status typeuse srtp not negotiatedversion too highversion too lowwrong certificate typewrong cipher returnedwrong curvewrong signature sizewrong signature typewrong ssl versionwrong version numberx509

libadd_key_sharecheck_suiteb_cipher_listciphersuite_cbconstruct_ca_namesconstruct_key_exchange_tbsconstruct_stateful_ticketconstruct_stateless_ticketcreate_synthetic_message_hashcreate_ticket_prequelct_move_sctsct_strictcustom_ext_addcustom_ext_parsed2i_SSL_SESSIONdane_ctx_enabledane_mtype_setdane_tlsa_addderive_secret_key_and_ivdo_dtls1_writedo_ssl3_writedtls1_buffer_recorddtls1_check_timeout_numdtls1_hm_fragment_newdtls1_preprocess_fragmentdtls1_process_recorddtls1_read_bytesdtls1_read_faileddtls1_retransmit_messagedtls1_write_app_data_bytesdtls1_write_bytesDTLSv1_listendtls_get_reassembled_messagedtls_process_hello_verifyDTLS_RECORD_LAYER_newdtls_wait_for_dryearly_data_count_okfinal_early_datafinal_ec_pt_formatsfinal_emsfinal_key_sharefinal_maxfragmentlenfinal_renegotiatefinal_server_namefinal_sig_algsget_cert_verify_tbs_datanss_keylog_intOPENSSL_init_sslossl_statem_server_post_workparse_ca_namespitem_newpqueue_newread_state_machineset_client_ciphersuitesrp_verify_server_paramssl3_change_cipher_statessl3_check_cert_and_algorithmssl3_ctrlssl3_ctx_ctrlssl3_digest_cached_recordsssl3_do_change_cipher_specssl3_encssl3_final_finish_macssl3_finish_macssl3_generate_key_blockssl3_generate_master_secretssl3_get_recordssl3_init_finished_macssl3_output_cert_chainssl3_read_bytesssl3_read_nssl3_setup_key_blockssl3_setup_read_bufferssl3_setup_write_bufferssl3_write_bytesssl3_write_pendingssl_add_cert_chainssl_add_cert_to_wpacketssl_bad_methodssl_build_cert_chainSSL_bytes_to_cipher_listssl_cache_cipherlistssl_cert_add0_chain_certssl_cert_dupssl_cert_newssl_cert_set0_chainSSL_check_private_keyssl_check_srp_ext_ClientHellossl_choose_client_versionSSL_CIPHER_descriptionssl_cipher_list_to_bytesssl_cipher_process_rulestrssl_cipher_strength_sortSSL_clearSSL_CONF_cmdssl_create_cipher_listSSL_ctrlSSL_CTX_check_private_keySSL_CTX_enable_ctssl_ctx_make_profilesSSL_CTX_newSSL_CTX_set_alpn_protosSSL_CTX_set_cipher_listSSL_CTX_set_ssl_versionSSL_CTX_use_certificateSSL_CTX_use_certificate_ASN1SSL_CTX_use_certificate_fileSSL_CTX_use_PrivateKeySSL_CTX_use_PrivateKey_ASN1SSL_CTX_use_PrivateKey_fileSSL_CTX_use_psk_identity_hintSSL_CTX_use_RSAPrivateKeySSL_CTX_use_serverinfoSSL_CTX_use_serverinfo_exSSL_CTX_use_serverinfo_filessl_dane_dupSSL_dane_enablessl_derivessl_do_configSSL_do_handshakeSSL_dup_CA_listSSL_enable_ctssl_generate_pkey_groupssl_generate_session_idssl_get_new_sessionssl_get_prev_sessionssl_handshake_hashssl_init_wbio_bufferSSL_key_updateSSL_load_client_CA_filessl_next_proto_validateSSL_peekSSL_peek_exssl_peek_internalSSL_readSSL_read_early_dataSSL_read_exssl_read_internalSSL_renegotiateSSL_renegotiate_abbreviatedssl_session_dupSSL_SESSION_newSSL_SESSION_print_fpSSL_SESSION_set1_idSSL_SESSION_set1_id_contextSSL_set_alpn_protosssl_set_certssl_set_cert_and_keySSL_set_cipher_listSSL_set_fdssl

_set_pkeySSL_set_rfdSSL_set_sessionSSL_set_session_id_contextSSL_set_session_ticket_extSSL_set_wfdSSL_shutdownSSL_SRP_CTX_initssl_start_async_jobssl_undefined_functionssl_undefined_void_functionSSL_use_certificateSSL_use_certificate_ASN1SSL_use_certificate_fileSSL_use_PrivateKeySSL_use_PrivateKey_ASN1SSL_use_PrivateKey_fileSSL_use_psk_identity_hintSSL_use_RSAPrivateKeySSL_use_RSAPrivateKey_ASN1SSL_use_RSAPrivateKey_filessl_validate_ctssl_verify_cert_chainSSL_writeSSL_write_early_dataSSL_write_exssl_write_internaltls12_check_peer_sigalgtls12_copy_sigalgstls13_change_cipher_statetls13_enctls13_final_finish_mactls13_generate_secrettls13_hkdf_expandtls13_setup_key_blocktls1_change_cipher_statetls1_enctls1_export_keying_materialtls1_get_curvelisttls1_PRFtls1_save_u16tls1_setup_key_blocktls1_set_groupstls1_set_raw_sigalgstls1_set_server_sigalgstls1_set_shared_sigalgstls1_set_sigalgstls_choose_sigalgtls_collect_extensionstls_construct_cert_verifytls_construct_cke_dhetls_construct_cke_ecdhetls_construct_cke_gosttls_construct_cke_rsatls_construct_cke_srptls_construct_client_hellotls_construct_ctos_alpntls_construct_ctos_cookietls_construct_ctos_early_datatls_construct_ctos_emstls_construct_ctos_etmtls_construct_ctos_key_sharetls_construct_ctos_npntls_construct_ctos_paddingtls_construct_ctos_psktls_construct_ctos_scttls_construct_ctos_sig_algstls_construct_ctos_srptls_construct_ctos_use_srtptls_construct_extensionstls_construct_finishedtls_construct_key_updatetls_construct_next_prototls_construct_server_hellotls_construct_stoc_alpntls_construct_stoc_cookietls_construct_stoc_early_datatls_construct_stoc_emstls_construct_stoc_etmtls_construct_stoc_key_sharetls_construct_stoc_psktls_construct_stoc_use_srtptls_finish_handshaketls_get_message_bodytls_get_message_headertls_handle_alpntls_handle_status_requesttls_parse_ctos_alpntls_parse_ctos_cookietls_parse_ctos_early_datatls_parse_ctos_ec_pt_formatstls_parse_ctos_emstls_parse_ctos_key_sharetls_parse_ctos_maxfragmentlentls_parse_ctos_psktls_parse_ctos_psk_kex_modestls_parse_ctos_renegotiatetls_parse_ctos_server_nametls_parse_ctos_session_tickettls_parse_ctos_sig_algstls_parse_ctos_sig_algs_certtls_parse_ctos_srptls_parse_ctos_status_requesttls_parse_ctos_use_srtptls_parse_stoc_alpntls_parse_stoc_cookietls_parse_stoc_early_datatls_parse_stoc_ec_pt_formatstls_parse_stoc_key_sharetls_parse_stoc_maxfragmentlentls_parse_stoc_npntls_parse_stoc_psktls_parse_stoc_renegotiatetls_parse_stoc_scttls_parse_stoc_server_nametls_parse_stoc_session_tickettls_parse_stoc_status_requesttls_parse_stoc_use_srtptls_post_process_client_hellotls_process_cert_status_bodytls_process_cert_verifytls_process_cke_dhetls_process_cke_ecdhetls_process_cke_gosttls_process_cke_psk_preambletls_process_cke_rsatls_process_cke_srptls_process_client_hellotls_process_end_of_early_datatls_process_finishedtls_process_hello_reqtls_process_key_exchangetls_process_key_updatetls_process_next_prototls_process_server_donetls_process_server_hellotls_process_ske_dhetls_process_ske_ecdhetls_process_ske_psk_preambletls_process_ske_srptls_psk_do_bindertls_setup_handshakeuse_certificate_chain_filewpacket_intern_init_lenwrite_state_machine../../OpenSSL_1_1_1c/ssl/ssl_init.c../../OpenSSL_1_1_1c/ssl/ssl_lib.cTLS_AES_256_GCM_SHA384:TLS_CHACHA20_POLY1305_SHA256:TLS_AES_128_GCM_SHA256../../OpenSSL_1_1_1c/ssl/packet_locl.hHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHH8HXHHHHHHHHHHHHHHHHHHHHHpHHHHHHHHHHHHHHHHHHHHHhHHH8
p`H 8 ` @ @]OpenSSL 1.1.1c 28 May 2019DTLSv0.9../../OpenSSL_1_1_1c/ssl/ssl_mcnf.c, arg=, cmd=system_default../../OpenSSL_1_1_1c/ssl/ssl_rsa.cSERVERINFO FOR SERVERINFOV2 FOR../../OpenSSL_1_1_1c/ssl/ssl_sess.cSSL SESSION PARAMETERSSSLv3/TLS write next protoSSLv3/TLS read next protobefore SSL initializationSSLv3/TLS write client helloSSLv3/TLS read server helloSSLv3/TLS read server doneSSLv3/TLS write finishedSSLv3/TLS read finishedSSLv3/TLS read client helloSSLv3/TLS write hello requestSSLv3/TLS write server helloSSLv3/TLS write certificateSSLv3/TLS write key exchangeSSLv3/TLS write server doneSSLv3/TLS read hello requestTLSv1.3 early dataSSLERRTRNPTWSTTWCSTRCSTRSTTWNPPINIT SSLOK
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void ZingLicense::ensureLicenseType(ZingLicenseLockType)ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789+/%02X:%02X:%02X:%02X:%02X:%02XFailed to detect MAC address for interface ()Failed to detect IPv4 address for interface /proc/net/if_inet6Failed to open /proc/net/if_inet6Failed to get IPv6 for /proc/net/devFailed to open /proc/net/devloCould not get local system UUIDUUID: instance-idproduct-codesnot AF_INETioctl failedvector::_M_realloc_insertunknownhttp://169.254.169.254/latest/meta-data//etc/zing/zing-getvmid/etc/zing/licensevector::_M_realloc_insertFailed to create pipes: PATH=/bin:/usr/binLC_ALL=Cposix_spawnp failed: Failed to initialize sha1 contextFailed to calculate sha1/usr/bin/curl--user-agentAZ-License-Check-w %{http_code}--silent%d--insecure--data@--XPOSTMalformed URLCould not resolve host.Failed to connect to host.Out of memory.Operation timeout.HTTP post error.SSL connect error.No reply from server.curl request failed.)-q-q-2-;-q-q-q-q-q-q-q-q-q-q-q-q-q-q-q-q-q-q-q-D-M-q-q-q-q-q-V-_-q-q-q-q-q-q-q-q-q-q-q-q-q-q-q-q-h-/vector::_M_realloc_insert;4Hx("@""%'(XFxFFFFJhTxTT(T@TXX\c0lx}`xH 8HPhh @hX0H8`8&PX01X34455(6@6X87pX7x77;A (NhPPRxTPU(VVHZPZ8[[8\0x](^^@x_h__`x```0abbhc`xcxchghoqPsxxt8vvvv8xxxz{{{(H}}( H`xHhx(x(8(@8(p(@(`HP@Xphx0h`((@(X8pHx0 Xp h

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(C ABBFt:TUDPM4:UBBA A(D0(C ABBL:U[MBE B(F0A8G`!8C0A(B BBBGL;V_BBB B(A0A8Ip
8A0A(B BBBJd;Y|;Y!AN
APT;YNBB B(D0A8GP
8D0A(B BBBFHd;ZMBBB B(A0A8Ip
8A0A(B BBBEu
8C0A(B BBBG,\<]AD Y
AI|
AKL<]AAJ {
FABL
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8D0A(B BBBAtDAfBBE B(D0A8J
8D0A(B BBBCBDDYYGBDSAh6`UAhAhBhBhT4BhBBE A(D0M@O
0A(A BBBFF0A(A BBB4BhaBBD A(M0(F ABBBiBhDS4BiBBD A(W0s(F ABB4,ChibBAF F
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8D0A(B BBBCyhLpYhE`EH`D\DlBBD A(D0N@U
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8A0A(B BBBDF
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8C0A(B BBBDd$E p8BBE B(D0A8Mp
8A0A(B BBBE
8C0A(B BBBDLEqBBD B(D0A8Du
8D0A(B BBBKdEtBFB B(A0A8G(
8A0A(B BBBIMBANDFP\FXBBD B(A0A8GY
8A0A(B
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8A0A(B BBBA|
8C0A(B BBBHRSBDNZEQBJdANDBEBSGVADZAKBUB
EJH BBB B(D0A8Gs
8A0A(B BBBGJdAdSBBN|NABDBQDOBxHUBnEXAxARBB]B,ITAM@fHBPHHA@I
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8D0A(B BBBDL|J8BBE B(D0A8Mpz
8D0A(B BBBDDJBBB A(D0G@n
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F4PANT l2F`<8KAD SCBHH ^AB<ABAG Q
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FBAt?OBB B(A0A8GPN
8A0A(B BBBJ8C0A(B BBBGHP\p7QBD A(J@!(F ABBBH@W
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(D ABBGH
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(C ABBELt0BBB B(A0A8Gp

8D0A(B BBBFLBBD A(J0W
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E$DR
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GL8NBBB B(D0A8F`F
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Da$<x4TpAAJ W
CAIL
HAALBBE B(D0A8M@O
8D0A(B BBBG$hAJ r
CHYLBAD Gf
FABCe
CABEm AABLlBBB B(A0A8J
8C0A(B BBBH$AG@
DB4@BAD }
ABIrAB4Ld|.DL E(I0O.DL E(I0ODfBBE D(A0x8A@U8A0A(A BBBLddC`|H<[`p`XoKcH64plBAD M
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AC4@BBD A(F0s(D ABB$<BAAJ sAAd | LBBB B(D0A8IP
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ABJLsTs`4ds@AM c
AFH
CEeCLsBBC A(L0Q
(D ABBBz
(D ABBEs8t@t84t0Lt84dt0TAAJ o
DAHDFA4tXAAX
DAEG
DADLtBBA A(DP
(A ABBEe
(C ABBC$uoAmDu!\utuuu
u uOu(v v&4v0,Lv8FAAD ^
DAG|vXIAk
DXvvvxvp$vh;Jd
BCE$w<wxTwp4Ak
DCtwwwwxwpwhx`<xXBAD h
ABFF
ABG\xtxx<[`x<[`xxxyy<[`4y<[`,Ly8AAD S
DAB|y2Fay(rFeyKFdVyFlV$y8Dt
Hg
Ig
I\$zAAD 4
AADe
CAGN
AAHe
CAGD
FAE4z`TAAD k
DAJNDAdzBAA D0
FABKf
CABDn
AABFe
CABE4${TAAD k
DAJNDA\{($t{ xDU
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IgD|XAAD@o
AAIe
CAGe
CAG| |$}Dm
Gg
Ag4,}xBAA
ABAbCBd} |}$}DU
GI
GU
Cd}vBBB B(D0A8J`n
8A0A(B BBBA
8A0A(B BBBE$$~Dm
Gg
Ag$L~DR
JG
Ig\t~BAA DP
AABED
AABHpXA`DXAPjXA`FXAP~ 5D(R0^~@.X+$p <h T`dlhBBB B(D0A8M@S
8A0A(B BBBIY
8C0A(B BBBA,aAG NKAd4`BBB B(D0A8Mp
8D0A(B BBBKD
8G0A(B BBBLLBBE B(D0A8G
8A0A(B BBBHLXBBB B(D0A8G{
8D0A(B
BBBD<
,T
Dt
Hg
I}
KDx,pAo
Hd
Dz
FA,Dt
Hg
I}
KDLBBE B(D0A8OPW
8D0A(B BBBE<d BAD
IBK
ABE$[AAD RAA<BBD A(D@=
(C ABBF<hPBBE A(D0v(A BBB\LxBBD A(G0E
(C ABBC|
(C ABBDD
(D ABBKtBBE B(D0A8J`h
8A0A(B BBBDH
8F0A(B BBBIm8A0A(B BBB4$pBAA J
ABGbCB\]Aq
FdD|BAD
ABFA

CBBrCBBBB B(D0A8JPb
8A0A(B BBBEG
8F0A(B BBBBXG`RXAP
8C0A(B BBBG$L[AG {
DIFD|t BBE B(D0A8M@
8A0A(B BBBAL
8C0A(B BBBHD
8C0A(B BBBHD0BAD D0
DABCD
FABA<<fBAD J0{
DABED FABd|BBB B(A0A8Ds
8A0A(B BBBE
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8D0A(B BBBC4d!hAAO0x
FAHKCAL!^BBB B(A0A8Dpr
8D0A(B BBBCL$BBE B(A0A8G
8D0A(B BBBHL<-BBE B(D0A8M`
8C0A(B BBBFL-BBB B(A0A8Dp!
8C0A(B BBBEH2:Y`p2h2HDU
Gg,2DBB LL2<[`d2<[`|2<[`L3BBD A(J0C
(C ABBBg(C ABB4P3zBAD B
ABDfABL32BBB B(A0A8G
8C0A(B BBBBLl:BBD A(J0C
(C ABBBg(C ABB:A\:5Ao:5AoL;BBE B(D0A8J`
8D0A(B BBBHLlX<BBB B(A0A8D@Z
8C0A(B BBBD4=AAJ ~
FAGUCA=Lk`=Lk`$>Lk`<H>Lk`T>XDa
Kgt>>L>BBE B(D0A8PPd
8A0A(B BBBB<?BBA A(D@
(C ABBF<4@BBA A(J@f
(C ABBBt0A$X{BBkEE$BBEE$HBBEE$~BBnEE$,X}BBmEE$TzBBjEE<|,AAB B(B0B8EEEEEE<AAB
B(B0B8EEEEEE<HAAB B(B0B8^EEEEEE<-<TBAAB B(B0B8XEEEEEE0$BBEEU(P4p>LRDdAAB
B(B0B8GDDDDDDC
TMAAB B(B0B8G@EDDDDDDC
D]AAB B(B0B8G/DDDDDDC
LLBBE B(D0A8U
8A0A(B BBBDLxBBE B(D0A8OY
8A0A(B BBBF4(XBAD Y
ABMbCB4$PAAG [
CAH_AA4\AAG h
CAKN
FAKDE
MvMvXvxvp
vhv`HvP

MB(WaqL`BBB B(D0A8J
8D0A(B BBBHd0L|(BBB B(D0A8M`=
8D0A(B BBBDL&BEB B(D0A8O`

8D0A(B BBBE|+BBB B(A0A8Dpv
8A0A(B BBBBe
8C0A(B BBBG
8A0A(B BBBJxcA@
GZ AZcAC
DZ AZ AZ<(Af\(Lt GEBE D(D0
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8A0A(B BBBG$XyAD0
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8D0A(B BBBLD
8D0A(B BBBO4P
KAAJ M
FAHYAAL,h
BBB B(D0A8Pp
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8C0A(B BBBFLBBH B(A0A8D
8D0A(B BBBKdBBE B(D0A8Mp
8D0A(B
 BBBDD
8G0A(B BBBLPH.`6&,D
\gAL
S||BBA A(DpxFVxApJ
(F ABBBu
(C ABBCe
(C ABBCF(A ABBfVs
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FABKa
AABKe
CABEe CAB|h%D`%D`LPBBD A(M0O
(C ABBCU(A ABBLVBBD A(M0O
(C ABBC[(A ABBL,dpAQ

Fd
Dd
Dd$UAAO |FA$HUAAO |FA4AAL0O
CAG_AALBBD A(M0@
(A ABBDe(C ABB$l g^qAPFT` BBD A(M0Y8R@L8A0S
(A ABBIe(C ABBL wBBE A(D06
(A BBBEA
(C BBBFL<!pBBD A(IP\
(A ABBDT
(C ABBD"\#BBD A(I0
(A DBBED
(C ABBDc
(A DBBD,P$AQ
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Dd
DdL4$5BBA A(D0
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(A ABBA
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(C ABBDLx'`BBE A(A0S
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(F BBBAdL)3BBD A(P0
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(C ABBCU
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8A0A(B BBBA
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B(A0A8GDqAF
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8C0A(B BBBA6d6BBB B(A0A8D@
8O0A(B BBBKh
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Hgl4:BBA A(D@s
(C ABBKI
(F ABBDe
(C ABBK\(A DBB\`;lBBA A(DPi
(A ABBGI
(F ABBDe
(C ABBKp=h=L4p= BBE B(D0A8Ln
8C0A(B BBBJFbFUG$FA
FD
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AAAV
AAH<TKBAH W0f

EABH} CAB`KPANKHAFK7Gf
C4KBAA d
ABEy
ABD<,HLAAG P
CACe
CAGgCA4lLzAAI x
CAIeCAM7Dr8MAU$8MO]
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AAID
KAPDNAxOOW^OOO<[`,O<[`DO
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OOOO4OLOdO|OO4xOAAD U
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DAHgDA,HPuEAA ~
ABH,LPuEAA ~
ABH\|PBBA A(D0
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(C ABBA4xRmAAG
CACe
CAGS2PUD,SEAA
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DACVAO$V%AAJ IGAVDIVSDN,4 W.BAD ^FB,d WIFA fFB\pWBBA A(D0]
(C ABBAf
(A ABBDW
(F ABBFLZBAA D0X
CABJ^
AABFW
FABH$D0]Ah
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0A(A BBBHDD^(BBB A(A0D@_
0A(A BBBEd_CBBB B(A0A8DP
8M0A(B BBBCt

8C0A(B BBBH``$`#EUF$D`Qd
KA
G[l8a0a(a40aYAAJ p
AABVAAXaBFla$aL<xa4BBE B(D0A8Mp
8A0A(E BBBK,hc=BAD nAB$xcKAAG {AA<cBBA A(DPz
(D ABBC$d&D a<dDTdRBB B(D0A8I`y8A0A(B BBBd$dVJK vAD(e*Ah$8eVJK yAA$pe<he,T`e]AAI0e
AAFe
<eKBC A(I@\(A ABBDLeBBB B(A0A8Dp
8D0A(B BBBD4,hfAAK@
AAAeCAdf|f$fVJK vADg*Ah$(gVJK yAA`gXg,4Pg]AAI0e
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Dg\g$tgVJK vADg*Ah$gVJK yAA0h(h, h]AAI0e
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ABDC,lnAU m
ADDC<(oBAH N0k
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RA
GuuLu0BBA A(D0^
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0A(A BBBE\({A
FL|BBE B(D0A8JP,
8A0A(B BBBH,hAD _
AK\
CA,AD ^
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CIL,hBBD A(G0
(A ABBD\
(C ABBDL|BBD A(G0
(A ABBD\
(C ABBDDBAA D0
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8C0A(B BBBHdXBBE B(D0A8J@
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8C0A(B BBBH,DBAD ^
ABHt[Af
Ij<(uBBD A(G@q
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8A0A(B BBBGI
8K0A(B BBBKTGt0Dk4(AAD
CAHOAADu
G*AhbDO
E$,<AC
H]
Hl2Ab
MA49AAI N
FAPDCALBBB B(D0A8GP
8D0A(B BBBD|,8BBE B(D0A8JPT
8D0A(B BBBEF
8A0A(B BBBHW
8F0A(B BBBB$h'AAM IGA,pcFAG IAAG<AAX E
FAJe
CAGXCAdD0
BBB B(A0A8D
8C0A(B BBBAZ
8A0A(B BBBH49AAI N
FAPDCAdBBB B(D0A8JP~
8A0A(B BBBAF
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8D0A(B BBBF,HcFAG NAAB<AAX T
FAKe
CAGXCAL<PBBB B(A0A8Di
8D0A(B BBBDdBBE B(D0A8JP
8A0A(B BBBBF
8A0A(B BBBH49AAI N
FAPDCA$D<AAG pAAlBBB B(D0A8LPD
8D0A(B
BBBFg
8C0A(B BBBE^
8A0A(B BBBH}
8F0A(B BBBD4@PAAI0S
CAF\
AAC<X;FjHL\xBBA A(D0q
(C ABBEF
(C ABBALEBB A(A0{
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FAPDCAL8BBE B(D0A8IP{

8A0A(B BBBBu
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FAEe
CAGXCALT`2BBB B(A0A8D"
8A0A(B BBBFLPBBE B(A0A8D`
8D0A(B BBBED,D,L4BAC jAB|(KAIX` X
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(D ABBJ$$AAJ IGA,rBAA R
ABA$<X!AAG SCA4d`AAD f
CAHgCADBAA D0
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AABE$"AAJ IGALBBE B(D0A8MPI
8A0A(B BBBH\2WL4t BAC t
ABC]
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8A0A(B BBBH
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8F0A(B BBBE7
8I0C(B BBBE\4>eBBB B(D0A8M{
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FF$NVQF RHI
FFD@NsBBE B(D0A8J@I8F0A(B BBB<,xNBAD T
CBHd
CBGTlNBBL B(D0A8M`]hBpxhA`F
8F0A(B BBBGlOhBBL B(D0A8JxFjA[FhAD8F0A(B BBB4PLPddPVBBL B(D0A8MpvxBxxApO
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ABDM
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TfBBB A(A0DP
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AAFX
FAIY
FAHWFAD,HGBC A(Q@R(A ABBJH@tx, p-BAD]FB,4 p0BAD `FBd p| h| `^BBE B(D0A8IZ
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8F0A(B BBBDd
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8F0A(B BBBG,|
HBAD AB
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BBL B(D0A8Gp8F0A(B BBBAYT,BBL B(D0A8M`[hHprhA`F
8F0A(B BBBALPPBBL B(D0A8J8F0A(B BBBDPBBE B(D0A8JPY8F0A(B BBB4Ld|xAYTxBBL
B(D0A8M`]hBpxhA`F
8F0A(B BBBGlhBBL B(D0A8JxFjA[FhAD8F0A(B BBBDd
BBE B(D0A8JPj8F0A(B BBBL
hBBB B(D0A8MPmXX`U8F0A(B BBBL
BBL B(D0A8Gp
8F0A(B BBBGLd|lBBL B(A0A8GgKArAbAD8F0A(B BBB$4NAAJ zFA\tZ,8GL ABG:4LQBB B(D0A8GP$
8C0A(B BBBE8F0A(B BBBIHP^
8A0F(B BBBA,hGCAJ
AAuAL$L<]BBE B(E0A8Fp)
8A0A(B BBBF4LBAG P
ABC`
ABALBBB B(A0A8G`
8D0A(B BBBI,$D KyDHlAX-|BBE B(D0A8R`T
8A0A(B BBBHf
8A0D(B BBBEe
8C0A(B BBBGL<BBB B(A0A8D`
8D0A(B BBBFLX<BBB A(A0r
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(A BBBEHd@BBB B(A0A8DP
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8A0A(B BBBG7*AO
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AB4yN?BBD A(
ABBH<yPTyPJAg
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FAEl,g4BBE B(D0A8P@v
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8C0A(B BBBA.DL E(I0OTBBE A(D0PkAOA@
0D(A BBBKT$BBE B(D0A8TeQPBO8A0A(B BBB|%L FBAD Q@kHBPHHA@
DABGD FABD rTAH OpWxUBBI AABG<,XBBE A(D0J
(D BBBFTlBBE B(D0A8O@NHJP_HA@D
8C0A(B BBBI,AM0k8A@O8A0t
DF<BBE A(D0J
(D BBBF4 LDdBBE A(D0M@j
0C(A BBBA.DL
 E(I0O.DL E(I0O4L.DL E(I0Ol.DL E(I0OLBBF B(A0A8H`
8D0A(B BBBKLBBB B(D0A8Dn
8D0A(B BBBD4,8BAD IP
CABG\dBBE A(C0LpC
0C(A BBBJ
0C(A BBBGLPBBE B(D0A8M r
8A0A(B BBBG,D K
Ag
I
ALDsBBE B(D0A8L
8D0A(B BBBB$D K
A
AbHBBG A(D0DPx

0D(A BBBI
0D(A BBBGr
0D(A BBBK
0D(A BBBHDBBG A(D0DPr
0D(A BBBG
0D(A BBBFw
0D(A BBBFg
0D(A BBBFLBBB B(D0A8D)
8C0A(B BBBJL8%BBE B(D0A8G
8A0A(B BBBALlBBB B(D0A8Dpv
8D0A(B BBBD,AAG0i
CAJ<BBE A(D0Z
(D BBBF,,AAG E
DAE\8MA]
JdL|hBBE B(D0A8LP
8D0A(B BBBE4WBAD _
ASVACB ,Dd4UAa
NdT@l80(,D\t+Dc(D c+Dc+Dc4 +DcL8+DcdP#AX`7Db
JFxtpBBB B(A0A8FmHMAVVKGA[O
8C0A(B BBBH4LBAD J0
DABIT`BBE B(D0A8P@cHHP\HA@m
8D0A(B BBBFLBAD R0[8I@K8A0g
AABD\
FABC,,LAAL g
DAF\\BBG B(D0A8M
8D0A(B BBBKUG]ALBBE B(D0A8M`
8D0A(B BBBD48AAO@FHIPNHA@J
DABTDQBBE B(D0A8M`AhAp[hA`r
8D0A(B BBBF<BAC I
ABFo
ABFLBBB B(A0A8F3
8C0A(B BBBAD,AAI@BHIPDXE`I@k
AAK\
CAHDtAAI@BHIPDXE`I@k
AAK\
CAH|XVBBE B(D0A8Fp
8C0A(B BBBG}
8A0A(B BBBI\
8F0A(B BBBA|<8 BBB B(D0A8G
8C0A(B BBBEe
8C0A(B BBBGU
8F0A(B BBBA,KDD qABItBBE B(D0A8JJQBR[
8A0A(B
BBBJ{BQAt|BBB B(A0A8GJMER
8A0A(B BBBKPBQA|BBE B(D0A8M`
8F0A(B BBBFw
8A0A(B BBBGm
8A0A(B BBBIttP,BBB B(D0A8SJJBW

8A0A(B BBBKBVAlBBB B(A0A8GS^AK
8A0A(B BBBBHYA$\h?AAI0qAA,AAR0@
AAJLBBE B(D0A8MPX
8A0A(B BBBA 4AMT$AW
HCt$AW
HC$AT
KC'AW
HFDAn
QC$ DAn
QCD@ \H ,tP [AAG b
DAH, [AAG b
DAHl BBE B(D0A8OPYXE`ZXAPV
8A0A(B BBBHV
8A0A(B BBBHDD BBE A(D0G@
0A(A BBBAD!NAD H0h
AABIPC0L"BBE B(D0A8Dp
8A0A(B BBBId$#{BBB B(A0A8F@
8G0A(B BBBE
8D0A(B BBBF%%%&&BDX
Da8&D$0&AAJ i
AAI[
DAHD
FAEl&*TU&*TU&&&&&&,&D&\x&tp&h&`&X&P&H&@&8&40&L(&d
&|&&&&%%%$%<%T%l%%%%%%%,%D%\x%tp%h%4`%pBAD l
ABRbCB%LD @
D\%BBD A(I0
(C ABBGe
(C ABBKD(F ABB4\x&_AAO N
CAEI
GAW&TDQ
KsL&yBBD A(J0o
(A ABBH](F ABBd'BBB B(D0A8OPn
8A0A(B BBBD
8C0A(B BBBK|lx(BBE B(D0A8LPv
8A0A(B BBBDR
8C0A(B BBBBT8A0A(B BBBL) BBB B(A0A8G]
8D0A(B BBBEL<2
BBB B(A0A8D
8D0A(B BBBE4H:BAA G@
AABG40<YAAI ~
AAEDCAX<'A\Lh<SBBB B(A0A8G
8C0A(B BBBBlxD'A\D<Ap
GCLDLBBE B(D0A8J\
8C0A(B BBBFdGBBB B(A0A8DP
8M0A(B BBBF]
8C0A(B BBBG4d0IwBDD \
FBBACB4xIwBDD \
FBBACBI I DI/BDA

ABGr
ABK
ABF<LJAAJ x
CAHY
FAHYFADJAAN0L
AABf
AAHS
DAH4LQBAD f
CBFPFB$L'AAL QFAl4LZBBE A(A0G@
0A(D BBBDg
0A(A BBBAm
0C(A BBBALMAAJ0I
FADe
CAGe
CAGT
AAJLPNAAJ0I
FADe
CAGe
CAGT
AAJ<DN8BBD A(R0R
(A ABBETOBBE A(D0J@~
0D(A BBBG`0D(A BBBDxPBAD s
FBFI
ABDbCB$$PKMd
OCELQ&d0Q4|(QzAAJ l
DACe
CAG,pQBAD T
ABB4PRRBAD r
ABDNAB4xRIAAJ e
AAMDCA<TRAAJ0o
FAFe
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AAED
AAJD
CAHSS<SYBBD A(L0b8D@W(A ABBLSLdSBBD A(L0N
(C ABBEO(C ABBLPTBBE D(A0S
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8C0A(B BBBEgBDX
Da<hKAB B(B0B8EEEEEE<@lzAB B(B0B8AEEEEEE<$mAAB B(B0B8EEEEEJd`nz]`XzzaD\dzBBB
B(D0A8JP
8A0A(B BBBDS
8A0A(B BBBC,$|BAD ~

ABHT|l|T|GBC A(D0S(A ABBFP0s(F ABB|2Ab
MA$}-AAJ TGA4$}jRAD G0p
AABFT\H}BBE A(D0I@y
0A(A BBBHD
0F(A BBBG}6TR4}[BAA P
ABIrFB$~4AAJ `FA4,(~QAAG f
GAQDCA4dP~gAAG B
FANDAA~f~mAB
EdL0BBF A(V0C
(D ABBCh
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KddBBB B(E0A8RPQ
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8A0A(B
BBBG|lBBE B(D0A8G`G
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CBC
ABGTPRBAC G0
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AABEO
FABH$LXJb
Dg
Ig$tFN
LPT(BBB B(A0A8GP
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Jnl0>BBA A(D@
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8C0A(B BBBGW
8A0A(B BBBGD|BBE A(D0G@{
0C(A BBBF`BK$<<TvBBD A(V0
(D ABBI<0fBBD A(V0
(D ABBE$`D Y
Cw
IAV
I4LBPgdLAF NX?R^
HF$x;AAF nCA<BBD A(I@

(D ABBAL$0(BBD A(F@
(D ABBFG
(D ABBHDtAAR k
DADF
DAEg
DAD49AAI N
GAODCADAAR k
DADF
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DAD<HT@BDX
DatpDW
EQ$(0(8Ad
KC<HBBD A(V0K
(D ABBE4<}BAD [0h
AABB$t0JFZ
H`XPH@,H4BAD iAB,XA[LXdP#|h<pAAI |
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CAGeCA \BAA G0j
DABDa
AABKh
DABAh DAB<LHBBD A(O@y
(D ABBFI _P 8dC`LBBB B(D0A8M@
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J|4@Nv4LAAR {
DADF
DAE\0.BBA A(D0
(D ABBHQ
(D DBBCe
(D ABBB4AAU h
CAE{
FAF4x/AAI Q
FAEDAA4Tp?AAI0^
FAHDAA4xNAAI R
FABbDADWBAD Z
ABLT
ABIACB42AAI R
FABDFAD'DR
JFd.4|BAA ND
AABF0,T WLH'BBG B(A0A8J
8D0A(B BBBE$(yEG@Y
AJ$DyAK0t
AGL|BBB
B(D0A8GL
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(C ABBC\BBD A(N0i
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(A ABBJD(C ABB,\)LGG HB,<BOG ABdBBB B(D0A8Nd
8A0A(B BBBG

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AFDLBFB B(G0F8
0A(B BBBALPBBE B(D0A8Jp
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8A0A(B BBBAD4KAB B(B0B8D`EEEEEE,|oXABB CEED8BDpgBBE B(A0A8P0A(B BBBd
KID A(A0W
(F BBBCd
(F BBBHH0t
,BAE &
ABGLuBBH A(M@
(D ABBED(C ABB$ < LTKBBE B(D0A8P@o
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FdL|SBBE B(D0A8JP
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(A ABBI
(C ABBI<hBBE A(D0
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(A ABBI]
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0J(A BBBK
0A(A BBBGX
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0C(A BBBC
0F(A BBBA\ BBD A(I@
(D ABBFU
(D ABBBO
(D ABBH4L!=AAG@
DAE{
DAHL"BBD A(G@u
(A ABBEq
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(A ABBJD
(F ABBALD$VBBD A(IPe
(C ABBAz
(C ABBFL%
BBB B(A0A8DI
8C0A(B BBBE<00BBD A(J`
(A ABBI$$2iCU
HV
JS
EL2*TUd2*TU|2222222$2<2T2l2222L2BBB B(A0A8Dpj
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B(D0A8DPy
8D0A(B BBBF<BDX
Da|(={ BBB B(A0A8JT
8A0A(B BBBFU
8G0A(B BBBCI
8C0A(B BBBK\(F t0F$(FJAAJ vFAPFa4@GAAX
DACO
DADH$H<H TH 4lHVAAG U
HAIaCA<HBBE A(D0{
(D BBBE,PIBAD {
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(C ABBFD(C CBB\dJfBE B(D0A8P`8A0A(B BBBAH`0K&HKPKDW4XK\BBD A(G0E(A ABBDK&<\KBBE
A(D0\
(A BBBGHL@L8L0L(L L,LDL\LtLKKKK6,LBDH ~
ABAhL:Fg,<LAAX x
DAIl8M40MzAAV j
FAGeCAxMpM hM`M
XM4PM
LHMd@M
|8M0M
(M M
MM
M$M
<LTL
lLL
LL
LL
LL
,LDL
\L"A\|L'Aa$LA]
B@
HL`MBBB B(D0A8DP
8A0A(B BBBEM*$,MxD\
Hg
Ag,T@NhDAA n
ABILNBBB B(D0A8GW
8D0A(B BBBHLOBBB B(D0A8M
8D0A(B BBBJ$VDBB ILDV*BBE B(D0A8J@
8A0A(B BBBD`lDB B(E0I`l
$Xl`AAI MFALl%
BBE B(A0A8G
8D0A(B BBBDLDpvBBE B(D0A8G`
8D0A(B BBBDLzBBE B(D0A8Gp
8D0A(B BBBDLP}BBE B(A0A8Gp
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8C0A(B BBBFPH@840EAA B
FBGbCB,xE

A\LHBEA A(D0b
(F ABBFZ
(C ABBFe
(C ABBATk
JBB B(A0A8F

8A0A(B BBBGZAL
KAT$ BAA D0
CABGF
EABJ
CABC|xiAg<BBA A(DPQ
(C ABBE,hA}
By
GD
D{< HBBD A(F@
(A ABBDdL <BBE A(D0h
(A BBBCM
(A BBBDD
(A BBBE4 BDH
FBFACBT xBBBE B(D0A8JPw
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 BBBEeXC`SXAP\D
p3BBE B(D0A8M@P
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8A0A(B BBBGT
0BBE B(D0A8M`AhBpVhA`Y
8C0A(B BBBD|L;BBE B(D0A8M`
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8C0A(B BBBE^
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(C ABBEd(A ABBLBBD A(J0C
(C ABBBg(C ABBLl%BBE B(D0A8M9
8C0A(B BBBF
LBBB B(D0A8P

8D0A(B BBBD$
0L<
(%BBE B(D0A8G
8C0A(B BBBEL
[BBE B(D0A8P`p
8C0A(B BBBDD
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0A(A BBBCL$BBE B(D0A8MN
8D0A(B BBBHt/TGB Q\BEA A(D0p
(F ABBHZ
(C ABBFe
(C ABBAT0JBB B(A0A8F.

8A0A(B BBBH<LBDA A(G0]
(A ABBF$h+Dx
Dy
GpFtBBB B(A0A8Dpe
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B(A0A8L0A(B IXEDBBI B(A0A8L0A(B IXEP$hDFE Ih$pDF ILDmAAB B(B0B8KL8B0B(B BAALAAB
B(B0B8K8B0B(B BAA,@bBBB VBB,*a
AAVw#g*DDC
$D`."C
AADC
,lx4-!C
AAVw#!GDC
<HWkS
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gs4i=C
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4,w
C
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DDDDC
LduBBH A(M@
(D ABBED(C ABBdKID A(A0W
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(F BBBHH0(
,4 BAE \
ABIdB,|h'a
AAVw#'DDC
$8C
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, C
AAVw# GDC
D`M
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DLC
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DC
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A(A0W
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, BAE
ABH4!`BBH A(M|(D ABB4(!`BBH A(M|(D ABBDP!D\H!(@
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D8C

AABBBBsw#GDDDDDC
DGC
AABBBBsw#/GDDDDDC
4@YLYdPZ|ZL`[BAE
ABB
ABG
CBJ dddKJB A(D0
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(F BBBBde|e
4efBBH A(P(D ABB4efBBH A(P(D ABB ff4fuLxfddgBBE B(D0A8GP(
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8A0A(B BBBG$8h3QAAPjHjT$@jGBC A(D0S(A ABBFP0s(F ABB|hj2Ab
MA$j-AAJ TGA4jjRAD G0p
AABFjBBE A(D0I@`
0A(A BBBAX
0C(A BBBFU
0A(A BBBKD
0F(A BBBG4@kBBAD f
ABHAFB<XkBAD G0s
AABKp AAB$k4AAJ `FA4$kQAAG f
GAQDCA4\kgAAG B
FANDAAT lJAV o
IAFVIAP ^
HAIDFAlmAB
EdLlHBBF A(V0
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(D ABBG\mtmmmmBBB B(D0A8GP
8C0A(B BBBIz
8F0A(B BBBGe
8C0A(B BBBGe8C0A(B BBBdT nEBBB B(D0A8GP]
8C0A(B BBBC8F0A(B BBB\ o*BBE B(A0A8JQ
8D0A(B BBBKJ[A\!vBBE B(D0A8J
8D0A(B BBBBH[C|!|BDX
Da|!(}8BAA D0{
AABI^
FABIK
FABD|
FABCk
AFBDK
FABD$"~SAAD JAA,D" AP0^
GJW
DE,t"AP0^
GJW
DE"l"BBE A(A0D_
0A(A BBBJe
0C(A BBBAm0A(A BBB4,#h'AAV0
IAOm
AAAld#`BBE A(D0JPS

0A(A BBBEi
0A(A BBBGH0F(A BBB#UAh
GdD#8BAD
ABAf
CBEbCBL<$3BBB
 B(A0A8Gp
8D0A(B BBBHL$BBE B(D0A8Dp
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BBE B(D0A8D`Z
8D0A(B BBBEL|%XIBBE B(D0A8D`!
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DABAL&aBBE B(D0A8L`
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(F BBBHH0'X
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ABE,':BAF (FBD(
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BBI B(A0A8
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0D(A BBBKD0F(A BBBT(H"BBE A(D0JP
0D(A BBBKD0F(A BBBLT) BBB B(A0A8DP
8D0A(B BBBJL)WBBB B(A0A8D`
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0D(A BBBDD
0F(A BBBGLL*xEBH D(A0M
(D BBBED
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(C ABBIF(D ABBA4t0plAAD L

DAIFDA,0AD `
AJF
FD,0hAD
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AJF
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DAIz
DAAL2@BBE B(D0A8PPz
8D0A(B BBBI,T2BAC }
ABJ2@ 28D20jGBD A(G0o
(D ABBKP2X3P#,3h3$D3OVSGHVl33 33L3xBBE B(D0A8M@
8D0A(B BBBK|4BBE A(D0DP
0A(A BBBF
0C(A BBBFS
0C(A BBBCT0A(A BBB,4hAD T
AFDCd48BBE B(D0A8D`j
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AADL
CAHLl5(BBD A(G@
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(C ABBD\5BBA A(GJUAz
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8D0A(B BBBHD6BBE A(F0J!
0D(A BBBH6p`6(<FjH7H&IN4$7`BAD {
ABKs
ABJ\7}AP
Gl|7H
BBB B(A0A8J^H^BL
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8C0A(B BBBI@
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AF8
_AB
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BDX
Da9)Dd$90RR<9xLT9pBBI B(D0A8U
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Ig
A:
,:
$D:2AAG dCA$l:mAX `

AF:`<[`$:eAX X
AF$:eAX X
AF$:eAX X
AF$$;`eAX X
AFL;d;$|;D c
Ig
Io;;D q
Ko
A;;EAV
Id<,<EAV
IdL<d<EAV
Id<@<HEAV
Id$<xFP
JPH,< AAG z
DAH=#P@N$,=eAX X
AF,T=mAAV0a
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8D0A(B BBBH,= sAAX g
DAJ>p>x4>pL>hd>`|>X>P<>HBDH J
ABEL
ABA>?\?BBE A(D0h
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d@
|@
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DADBAP
OCDB7Dr\B D[tB #B8B@PAp
GBpDNBxDNBDNC*FX,CDNDCDN\CtCDPCDPCC
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8C0A(B BBBF4tNP&AAQ0s
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FABDF CAB\X87tX07X(7dX07BBE B(A0A8J
8D0A(B BBBJ'JUDWYG
4$YGbBAF f
ABFfAB\YG,tYG,BAD aABYGYGYGYG4ZGjBAF i
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8C0A(B BBBAK[AK[BwKcAdD*BBE B(A0A8FpA
8D0A(B BBBG}xCixApxCgxAp,,BDH
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8D0A(B BBBHeXD`iXAPT 0MBE D(D0E
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2BBE B(A0A8J`
8D0A(B BBBFdd
4BBB B(D0A8MPJ
8F0A(B BBBED8C0A(B BBB<
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8A0A(B BBBHhM`MXM@NHN@NyTT,NJBBB
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ABC,PQAG c
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8D0A(B BBBBLhfBBB B(A0A8D`
8A0A(B BBBFb
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(F BBBGY(C BBBAmBDX
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8C0A(B BBBHLBBB B(A0A8FP
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8D0A(B BBBB\/BBE B(A0A8GI
8A0A(B BBBI,LVA0(Okc40`UTL0zBAA G0r
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Ep0 0(4An0H1@L,1xD1\1xt1pA
LA1 T1h1`1X>1>d2KBE B(A0A8J`Q
8C0A(B BBBCH`dt2PBBE B(A0A8DP%
8A0A(B BBBHw
8F0A(B BBBB2dBBB B(D0A8M!E
8A0A(B BBBG!Z!M!A! !K!X!B!B!b!L!A!\d3BBB B(A0A8JGUAz
8C0A(B BBBE\3
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8F0A(B BBBFo8C0A(B
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8A0A(B BBBEBAGN\7BBE B(D0A8Gp7xKEEXp\
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8G0A(B BBBJu
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8D0A(B BBBDL8BBG B(A0A8GZ
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8A0A(B BBBDKUFL|9$BBB B(A0A8JY
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8A0A(B BBBHLt;-BBE B(G0A8D`
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8A0A(B BBBAdOBBB
B(H0A8RPf
8A0A(B BBBEF
8A0A(B BBBAd\P BBB B(A0A8Dp
8F0A(B BBBH
8C0A(B BBBIPPDIPDM\QBAD G0L
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8A0A(B BBBFdb-BBE B(E0A8LP|
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GF
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ABFQABtPwXwPwHwPwXw.DL E(I0Ohw.DL E(I0O,xw\AW
HLyVAW
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ABDfAB<lbBD A(N0o
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8F0A(B BBBE|BBE B(A0A8D
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8O0A(B BBBGD
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CADWFAB,YAT v
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ZLIB Compression Library

```
/* zlib.h -- interface of the 'zlib' general purpose compression library
 version 1.2.1, November 17th, 2003

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 Jean-loup Gailly jloup@gzip.org
 Mark Adler madler@alumni.caltech.edu

*/
```

XML C Parser (Libxml2)

Libxml2 is the XML C parser and toolkit developed for the Gnome project
(but
usable outside of the Gnome platform), it is free software available under the
MIT License. XML itself is a metalanguage to design markup languages, i.e.
text language where semantic and structure are added to the content using
extra "markup" information enclosed between angle brackets. HTML is the most
well-known markup language. Though the library is written in C a variety of
language bindings make it available in other environments.

Libxml2 is known to be very portable, the library should build and work without
serious troubles on a variety of systems (Linux, Unix, Windows, CygWin, MacOS,
MacOS X, RISC Os, OS/2, VMS, QNX, MVS, ...)

Libxml2 implements a number of existing standards related to markup languages:
the XML standard: http://www.w3.org/TR/REC-xml
Namespaces in XML: http://www.w3.org/TR/REC-xml-names/
XML Base: http://www.w3.org/TR/xmlbase/
RFC 2396 : Uniform Resource Identifiers http://www.ietf.org/rfc/rfc2396.txt
XML Path Language (XPath) 1.0: http://www.w3.org/TR/xpath

HTML4 parser: http://www.w3.org/TR/html401/
XML Pointer Language (XPointer) Version 1.0: http://www.w3.org/TR/xptr
XML Inclusions (XInclude) Version 1.0: http://www.w3.org/TR/xinclude/
ISO-8859-x encodings, as well as rfc2044 [UTF-8] and rfc2781 [UTF-16] Unicode encodings, and more if using iconv support
part of SGML Open Technical Resolution TR9401:1997
XML Catalogs Working Draft 06 August 2001: http://www.oasis-open.org/committees/entity/spec-2001-08-06.html
Canonical XML Version 1.0: http://www.w3.org/TR/xml-c14n and the Exclusive XML Canonicalization CR draft http://www.w3.org/TR/xml-exc-c14n
Relax NG, ISO/IEC 19757-2:2003, http://www.oasis-open.org/committees/relax-ng/spec-20011203.html
W3C XML Schemas Part 2: Datatypes REC 02 May 2001
W3C xml:id Working Draft 7 April 2004
In most cases libxml2 tries to implement the specifications in a relatively strictly compliant way. As of release 2.4.16, libxml2 passed all 1800+ tests from the OASIS XML Tests Suite.
To some extent libxml2 provides support for the following additional specifications but doesn't claim to implement them completely:
Document Object Model (DOM) http://www.w3.org/TR/DOM-Level-2-Core/ the document model, but it doesn't implement the API itself, gdome2 does this on top of libxml2
RFC 959 : libxml2 implements a basic FTP client code
RFC 1945 : HTTP/1.0, again a basic HTTP client code
SAX: a SAX2 like interface and a minimal SAX1 implementation compatible with early expat versions
A partial implementation of XML Schemas Part 1: Structure is being worked on but it would be far too early to make any conformance statement about it at the moment.
Separate documents:
the libxslt page providing an implementation of XSLT 1.0 and common extensions like EXSLT for libxml2
the gdome2 page : a standard DOM2 implementation for libxml2
the XMLSec page: an implementation of W3C XML Digital Signature for libxml2
also check the related links section below for more related and active projects.
Logo designed by Marc Liyanage.
Daniel Veillard

Xml Security Library (xmlsec)

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Newlib is only available in source form. It can be compiled for a wide array of
processors, and will usually work on any architecture with the addition of a few
low-level routines.

Who are we?
Newlib is maintained by:
Jeff Johnston <jjohnstn@redhat.com>
Tom Fitzsimmons <fitzsim@redhat.com>
Contributions
Newlib thrives on net contributions from people like you. We're looking for
contributions of code, bugfixes, optimizations, documentation updates, web page
improvements, etc. A nice testsuite to automate the testing of newlib is also needed.
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xc/fonts/scaled/Meltho/SyrCOMMidyat.otf
xc/fonts/scaled/Meltho/SyrCOMNisibin.otf
xc/fonts/scaled/Meltho/SyrCOMNisibinOutline.otf
xc/fonts/scaled/Meltho/SyrCOMQenNeshrin.otf
xc/fonts/scaled/Meltho/SyrCOMTalada.otf
xc/fonts/scaled/Meltho/SyrCOMTurAbdin.otf
xc/fonts/scaled/Meltho/SyrCOMUrhoy.otf
xc/fonts/scaled/Meltho/SyrCOMUrhoyBold.otf
xc/fonts/scaled/Meltho/license.txt

2) The Bigelow & Holmes Luxi TrueType fonts have a license which prohibits free modification of the font software:

The Font Software may not be modified, altered, or added to, and in particular the designs of glyphs or characters in the Fonts may not be modified nor may additional glyphs or characters be added to the Fonts. This License becomes null and void when the Fonts or Font Software have been modified.

These font files therefore do not satisfy DFSG 3 ("Derived Works").

xc/fonts/scaled/TTF/COPYRIGHT.BH
xc/fonts/scaled/TTF/luximb.ttf
xc/fonts/scaled/TTF/luximbi.ttf
xc/fonts/scaled/TTF/luximr.ttf
xc/fonts/scaled/TTF/luximri.ttf
xc/fonts/scaled/TTF/luxirb.ttf
xc/fonts/scaled/TTF/luxirbi.ttf
xc/fonts/scaled/TTF/luxirr.ttf
xc/fonts/scaled/TTF/luxirri.ttf
xc/fonts/scaled/TTF/luxisb.ttf
xc/fonts/scaled/TTF/luxisbi.ttf
xc/fonts/scaled/TTF/luxisr.ttf
xc/fonts/scaled/TTF/luxisri.ttf

3) The IBM Courier Type1 fonts have a license which does not grant permission to modify the font software:

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These font files therefore do not satisfy DFSG 3 ("Derived Works").

xc/fonts/scaled/Type1/COPYRIGHT.IBM
xc/fonts/scaled/Type1/cour.afm
xc/fonts/scaled/Type1/cour.pfa
xc/fonts/scaled/Type1/courb.afm
xc/fonts/scaled/Type1/courb.pfa

xc/fonts/scaled/Type1/courbi.afm
xc/fonts/scaled/Type1/courbi.pfa
xc/fonts/scaled/Type1/couri.afm
xc/fonts/scaled/Type1/couri.pfa

4) The Bigelow & Holmes Luxi Type1 fonts have a license which prohibits free modification of the font software:

The Font Software may not be modified, altered, or added to, and in particular the designs of glyphs or characters in the Fonts may not be modified nor may additional glyphs or characters be added to the Fonts. This License becomes null and void when the Fonts or Font Software have been modified.

These font files therefore do not satisfy DFSG 3 ("Derived Works").

xc/fonts/scaled/Type1/COPYRIGHT.BH
xc/fonts/scaled/Type1/l047013t.afm
xc/fonts/scaled/Type1/l047013t.pfa
xc/fonts/scaled/Type1/l047016t.afm
xc/fonts/scaled/Type1/l047016t.pfa
xc/fonts/scaled/Type1/l047033t.afm
xc/fonts/scaled/Type1/l047033t.pfa
xc/fonts/scaled/Type1/l047036t.afm
xc/fonts/scaled/Type1/l047036t.pfa
xc/fonts/scaled/Type1/l048013t.afm
xc/fonts/scaled/Type1/l048013t.pfa
xc/fonts/scaled/Type1/l048016t.afm
xc/fonts/scaled/Type1/l048016t.pfa
xc/fonts/scaled/Type1/l048033t.afm
xc/fonts/scaled/Type1/l048033t.pfa
xc/fonts/scaled/Type1/l048036t.afm
xc/fonts/scaled/Type1/l048036t.pfa
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xc/fonts/scaled/Type1/l049013t.pfa
xc/fonts/scaled/Type1/l049016t.afm
xc/fonts/scaled/Type1/l049016t.pfa
xc/fonts/scaled/Type1/l049033t.afm
xc/fonts/scaled/Type1/l049033t.pfa
xc/fonts/scaled/Type1/l049036t.afm
xc/fonts/scaled/Type1/l049036t.pfa

5) The Adobe Utopia Type1 fonts are not licensed at all:

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These font files therefore do not satisfy DFSG 1 ("Free Redistribution"), DFSG 2 ("Source Code"), or DFSG 3 ("Derived Works").

xc/fonts/scaled/Type1/UTBI____.afm
xc/fonts/scaled/Type1/UTBI____.pfa
xc/fonts/scaled/Type1/UTB_____.afm
xc/fonts/scaled/Type1/UTB_____.pfa
xc/fonts/scaled/Type1/UTI_____.afm
xc/fonts/scaled/Type1/UTI_____.pfa

xc/fonts/scaled/Type1/UTRG____.afm
xc/fonts/scaled/Type1/UTRG____.pfa
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Redistribution"), DFSG 2 ("Source Code"), or DFSG 3 ("Derived Works").
xc/programs/Xserver/XpConfig/C/print/models/HPDJ1600C/fonts/9nb00051.pmf
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xc/programs/Xserver/XpConfig/C/print/models/SPSPARC2/fonts/Times-Roman.pmf
xc/programs/Xserver/XpConfig/C/print/models/SPSPARC2/fonts/ZapfDingbats.pmf

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xc/programs/Xserver/hw/xfree86/doc/README.DRI
xc/programs/Xserver/hw/xfree86/doc/README.DRIcomp
xc/programs/Xserver/hw/xfree86/doc/sgml/DRI.sgml
xc/programs/Xserver/hw/xfree86/doc/sgml/DRIcomp.sgml

8) The following files contain object code without any corresponding source.

xc/programs/Xserver/hw/xfree86/drivers/mga/mga_ucode.h
xc/programs/Xserver/hw/xfree86/drivers/rendition/v10002d.uc
xc/programs/Xserver/hw/xfree86/drivers/rendition/v20002d.uc
xc/programs/Xserver/hw/xfree86/os-support/shared/drm/kernel/r128_cce.c
xc/programs/Xserver/hw/xfree86/os-support/shared/drm/kernel/radeon_cp.c

xc/programs/Xserver/hw/xfree86/os-support/shared/drm/kernel/mga_ucode.h
(The files r128_cce.c and radeon_cp.c only partially consist of
sourceless object code, but because they are not required to build
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Pascal Haible
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Matthieu Herrb
Hewlett-Packard Company
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David Holland
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aAVz3Sp3jSfPOF6d0VCMbjzTd0hJpxzVbALtDx1uOJMAi2bQyKLdCtDWXdXllx8uaJhN3KiOWWWFcl2/PZPU
b7H+PhHipjByWlyKwdJ/sBs7WW3/FOMRavUdm5P40G85l9hRouAxAODDhpHlSu/PhSMvwqfDk3DT1o+uOS7
pYus=
-----END
SUB LICENSE SIGNATURE-----

```
#!/usr/bin/env bash
# MIT licenses will each have a unique MD5 sum since they contain a unique copyright.
# This script will read the license file into memory, strip out the copyright, and then
# generate an MD5 that is not unique and can be matched against a known MIT MD5 sum.
set -e

calculate_md5_sum() {
 local FILE="$1"

 # Read the contents of the file into a variable
 local raw_license_text=$(<"$FILE")

 # Convert to lowercase
 local lowercase_license_text="${raw_license_text,,}"

 # Remove anything before the beginning of the license
 local stripped_license_text=$(awk '/permission is hereby granted,/{p=1} p' <<< "$lowercase_license_text")

 # Replace line breaks (Windows or Linux) with a single space
 local replaced_linebreaks=$(tr '\r\n' ' ' <<< "$stripped_license_text")

 # Replace multiple spaces with a single space
 local normalized_license_text=$(tr -s ' ' <<< "$replaced_linebreaks")

 # Strip away any non-printable, non-whitespace characters
 local clean_unprintable_license_text=$(tr
 -cd '[:print:][:space:]' <<< "$normalized_license_text")

 # Remove punctuation and special characters
 local clean_license_text=$(echo "$clean_unprintable_license_text" | sed 's/[^a-zA-Z ]//g')

 # Calculate the MD5 sum of the cleaned license text
 local MD5SUM=$(echo -n "$clean_license_text" | md5sum | awk '{print $1}')
```

```
 # Output the MD5 sum
 echo "$MD5SUM"
}

# Check if the FILE argument is provided
if [ -z "$1" ]; then
 echo "Please provide a FILE as an argument."
 exit 1
fi

# Invoke the function with the provided FILE argument
calculate_md5_sum "$1"
```

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Zing ZVM version dev

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****
****
BEGIN src/solaris/native/sun/awt/Xrandr.h

```
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* $XFree86: xc/lib/Xrandr/Xrandr.h,v 1.9 2002/09/29 23:39:44 keithp Exp $
*
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*/

END src/solaris/native/sun/awt/Xrandr.h
****
BEGIN src/solaris/native/sun/awt/extutil.h
/*
* $Xorg: extutil.h,v 1.3 2000/08/18 04:05:45 coskrey Exp $
*
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*/
/* $XFree86: xc/include/extensions/extutil.h,v 1.5 2001/01/17 17:53:20 dawes Exp $ */

END src/solaris/native/sun/awt/extutil.h
****

BEGIN src/solaris/native/sun/awt/fontconfig.h
/*
* $RCSId: xc/lib/fontconfig/fontconfig/fontconfig.h,v 1.30 2002/09/26 00:17:27
keithp Exp $
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****
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AND src/solaris/native/sun/awt/list.h
AND src/solaris/native/sun/awt/multiVis.c
AND src/solaris/native/sun/awt/multiVis.h
AND src/solaris/native/sun/awt/wsutils.h

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END src/solaris/native/sun/awt/list.c
AND src/solaris/native/sun/awt/list.h

AND src/solaris/native/sun/awt/multiVis.c
AND src/solaris/native/sun/awt/multiVis.h
AND src/solaris/native/sun/awt/wsutils.h

****
BEGIN src/solaris/native/sun/awt/randr.h

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*
* Author: Jim Gettys, HP Labs, Hewlett-Packard, Inc.

END src/solaris/native/sun/awt/randr.h
****

BEGIN src/solaris/native/sun/java2d/opengl/J2D_GL/glx.h
* Mesa 3-D graphics library
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Google Test llvm/utils/unittest/googletest

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OpenBSD regex llvm/lib/Support/{reg*, COPYRIGHT.regex}

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---
pyyaml tests llvm/test/YAMLParser/{*.data, LICENSE.TXT}

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*
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*
* Author:
* Alexander Peslyak, better known as Solar Designer <solar at openwall.com>
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* This differs from Colin Plumb's older public domain implementation in that
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* Colin Plumb's implementation has been reused; this comment merely compares
* the properties of the two independent implementations.
*
* The primary goals of this implementation are portability and ease of use.
* It is meant to be fast, but not as fast as possible.  Some known
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*/
```

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// case folding database at
//   http://www.unicode.org/Public/9.0.0/ucd/CaseFolding.txt
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*  You can contact the author at :
*  - xxHash homepage: http://www.xxhash.com
*  - xxHash source repository : https://github.com/Cyan4973/xxHash
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```

Google Benchmark source code v1.4.1

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---
libazintercept.so uses hdr_histogram:

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/ws/encoding/policy/SelectOptimalEncodingFeatureConfigurator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/messaging/saaj/client/p2p/HttpSOAPConnection.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/wsdl/writer/document/soap/Header.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/api/message/Headers.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/internal/ws/wsdl/document/http/HTTPConstants.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/spi/orb/ORB.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/parsers/XIncludeParserConfiguration.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/parsers/XMLGrammarCachingConfiguration.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/xs/traversers/XSDComplexTypeTraverser.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/utils/ConfigurationError.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/dv/xs/AnyURIDV.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/dv/xs/QNameDV.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/xs/traversers/XSDSimpleTypeTraverser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/xs/XSComplexTypeDecl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/dv/xs/XSSimpleTypeDecl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/parsers/AbstractDOMParser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/xs/traversers/XSDElementTraverser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/parsers/AbstractSAXParser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/xs/opti/SchemaDOMParser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/parsers/XMLDocumentParser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/dv/xs/DoubleDV.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/action/GetPropertyAction.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/crypto/provider/BlowfishCipher.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/jdi/ThreadReferenceImpl.java
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/**
* Root object that hosts the {@link Packet} processing code
* at the server.
*
* <p>
* One instance of {@link WSEndpoint} is created for each deployed service
* endpoint. A hosted service usually handles multiple concurrent
* requests. To do this efficiently, an endpoint handles incoming
* {@link Packet} through {@link PipeHead}s, where many copies can be created
* for each endpoint.
*
* <p>
* Each {@link PipeHead} is thread-unsafe, and request needs to be
* serialized. A {@link PipeHead} represents a sizable resource
* (in particular a whole pipeline), so the caller is expected to
* reuse them and avoid excessive allocations as much as possible.
* Making {@link PipeHead}s thread-unsafe allow
 the JAX-WS RI internal to
* tie thread-local resources to {@link PipeHead}, and reduce the total
* resource management overhead.
*
* <p>
* To abbreviate this resource management (and for a few other reasons),
* JAX-WS RI provides {@link Adapter} class. If you are hosting a JAX-WS
* service, you'll most likely want to send requests to {@link WSEndpoint}
* through {@link Adapter}.
*
* <p>
* {@link WSEndpoint} is ready to handle {@link Packet}s as soon as
* it's created. No separate post-initialization step is necessary.
* However, to comply with the JAX-WS spec requirement, the caller
* is expected to call the {@link #dispose()} method to allow an
* orderly shut-down of a hosted service.
*
*
*
* <h3>Objects Exposed From Endpoint</h3>
```

```
* <p>
* {@link WSEndpoint} exposes a series of information that represents
* how an endpoint is configured to host a service. See the getXXX methods
* for more details.
*
*
*
* <h3>Implementation Notes</h3>
* <p>
* {@link WSEndpoint}
 owns a {@link WSWebServiceContext} implementation.
* But a bulk of the work is delegated to {@link WebServiceContextDelegate},
* which is passed in as a parameter to {@link PipeHead#process(Packet, WebServiceContextDelegate,
TransportBackChannel)}.
*
* @author Kohsuke Kawaguchi
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/api/server/WSEndpoint.java
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*

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/jaxp/datatype/DurationDayTimeImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/util/FeatureState.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/util/PropertyState.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jmx/mbeanserver/GetPropertyAction.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XScrollbarClient.java
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/spi/FileTypeDetector.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/CopyOption.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/LinkOption.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/AccessMode.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/font/NullFontScaler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/pisces/PiscesCache.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/nio/file/attribute/FileAttributeView.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/java2d/pisces/TransformingPathConsumer2D.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/nio/file/attribute/PosixFilePermissions.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/nio/file/attribute/PosixFileAttributes.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/nio/channels/SeekableByteChannel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/WatchKey.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/OpenOption.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/pisces/Renderer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/SimpleFileVisitor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/text/html/CSSBorder.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/font/FontScaler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/javap/ConstantWriter.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/invoke/util/BytecodeName.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/Paths.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/LinkPermission.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/JavaNioAccess.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/nio/file/StandardWatchEventKinds.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/lang/management/BufferPoolMXBean.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/FileVisitor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/nio/file/attribute/PosixFilePermission.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/pisces/Curve.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/pisces/Dasher.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/pisces/Helpers.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/classfile/ConstantPool.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/java2d/pisces/PiscesTileGenerator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/java2d/opengl/OGLBufImgOps.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/AbstractPath.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/crypto/JarVerifier.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/opengl/OGLPaints.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/nio/file/attribute/FileOwnerAttributeView.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/Watchable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/javac/file/ZipFileIndexCache.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA_2_3/portable/InputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA_2_3/portable/OutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/rmic/iiop/CompoundType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/rmic/iiop/StubGenerator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/io/IIOPOutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/rmi/PortableRemoteObject.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/rmi/CORBA/Stub.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/beancontext/BeanContextServiceAvailableEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/metal/MetalBumps.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/Resource.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/beancontext/BeanContextServiceRevokedEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/metal/MetalInternalFrameUI.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/UnsafeObjectFieldAccessorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/UnsafeLongFieldAccessorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/motif/X11GB18030_0.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/ResourceBundleEnumeration.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/UnsafeStaticShortFieldAccessorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/imageio/plugins/png/PNGMetadataFormatResources.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/UnsafeStaticIntegerFieldAccessorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/imageio/plugins/jpeg/JPEGImageWriterResources.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/UnsafeStaticObjectFieldAccessorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/print/attribute/UnmodifiableSetException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/www/protocol/https/DelegateHttpsURLConnection.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/UnsafeCharacterFieldAccessorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/UnsafeShortFieldAccessorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/UnsafeStaticLongFieldAccessorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/native2ascii/A2NFilter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/UnsafeStaticByteFieldAccessorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/COMPOUND_TEXT_Decoder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/motif/X11SunUnicode_0.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/imageio/plugins/gif/GIFImageMetadataFormatResources.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/UnsafeByteFieldAccessorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/jvm/CRTFlags.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/UnsafeFloatFieldAccessorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/UnsafeBooleanFieldAccessorImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/reflect/UnsafeDoubleFieldAccessorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/imageio/plugins/jpeg/JPEGImageReaderResources.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/ComposedCharIter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/reflect/UnsafeIntegerFieldAccessorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/imageio/plugins/jpeg/JPEGImageMetadataFormatResources.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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zip/com/sun/imageio/plugins/jpeg/JPEGStreamMetadataFormatResources.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/reflect/UnsafeStaticBooleanFieldAccessorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/motif/X11GB18030_1.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/StreamEncoder.java
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zip/com/sun/org/apache/xml/internal/serializer/TreeWalker.java
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* locales than a typical Java input method). However, since it
* often has to work in a slightly hostile environment that's not
* designed for easy integration into the Java input method
* framework, it gets some special treatment that's not available
* to Java input methods.
* <p>
* Licensees are free to modify this class as necessary to implement
* their host input method adapters.
*
* @author JavaSoft International
*/
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/FilterWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/motif/X11GB2312.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/ObjectStreamException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/motif/X11KSC5601.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/transport/ConnectionOutputStream.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/InvalidObjectException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/FilterReader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/NotSerializableException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/motif/X11CNS11643P2.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/motif/X11CNS11643P1.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/NotActiveException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/motif/X11Dingbats.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/Naming.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/StreamCorruptedException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/sql/ResultSetMetaData.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/OptionalDataException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/transport/proxy/HttpAwareServerSocket.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/WriteAbortedException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/CharArrayReader.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/locale/LocaleEquivalentMaps.java
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/** Helper class for type parameter inference, used by the attribution phase.
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/comp/Infer.java
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/jgss/wrapper/GSSCredElement.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/lang/model/element/PackageElement.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/annotation/processing/ProcessingEnvironment.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/MS50220.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/tools/ToolProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/MetaIndex.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/lang/model/element/AnnotationValue.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/smartcardio/PlatformPCSC.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/TrayIcon.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/parser/Lexer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/launcher/jli_util.c

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/httpserver/ChunkedInputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/MS50221.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/stream/buffer/stax/StreamBufferCreator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/httpserver/WriteFinishedEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/processing/JavacMessager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javap/DisassemblerTool.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/stream/buffer/sax/SAXBufferCreator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/stream/buffer/stax/NamespaceContexHelper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/stream/buffer/XMLStreamBufferMark.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/MonitorInfoCompositeData.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/stream/buffer/sax/DefaultWithLexicalHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/stream/buffer/XMLStreamBufferException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/spi/CurrencyNameProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/text/spi/DecimalFormatSymbolsProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/PBKDF2Core.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/stream/buffer/stax/StreamReaderBufferProcessor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/util/BasicDiagnosticFormatter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/stream/buffer/stax/StreamWriterBufferCreator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/smartcardio/PCSC.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/stream/buffer/XMLStreamBufferSource.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/stream/buffer/sax/SAXBufferProcessor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/tools/ForwardingJavaFileManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/util/MandatoryWarningHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/com/sun/xml/internal/stream/buffer/sax/Properties.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/stream/buffer/stax/StreamWriterBufferProcessor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/stream/buffer/AttributesHolder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/annotation/processing/FilerException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/stream/buffer/AbstractCreatorProcessor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/attach/BsdAttachProvider.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/stream/buffer/AbstractProcessor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/lang/model/type/MirroredTypesException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/javah/NativeHeaderTool.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/stream/buffer/MutableXMLStreamBuffer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/httpserver/Event.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/util/Constants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/lang/model/type/MirroredTypeException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/launcher/emessages.h
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/tools/DocumentationTool.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/javac/file/JavacFileManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/net/InMemoryCookieStore.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/tools/JavaFileObject.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/httpserver/ServerConfig.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/lang/model/util/ElementFilter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/stream/buffer/AbstractCreator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/stream/buffer/FragmentedArray.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jconsole/InternalDialog.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/stream/buffer/XMLStreamBufferResult.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/stream/buffer/sax/Features.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XKeysym.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/relation/Role.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/LayoutComparator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/relation/RoleList.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/SelectorProviderImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/AbstractSpinnerModel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/openmbean/CompositeDataSupport.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jmx/mbeanserver/SunJmxMBeanServer.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/image/SunVolatileImage.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/loading/DefaultLoaderRepository.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/openmbean/OpenMBeanConstructorInfoSupport.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/openmbean/OpenType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/relation/RoleUnresolved.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/javax/management/relation/RoleResult.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/LayoutFocusTraversalPolicy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/relation/RoleUnresolvedList.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/LegacyGlueFocusTraversalPolicy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/net/SocketTimeoutException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/relation/MBeanServerNotificationFilter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/openmbean/OpenMBeanOperationInfoSupport.java
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*/
/**
* This class is a base class for new GSS token definitions, as defined
* in RFC 4121, that pertain to per-message GSS-API calls. Conceptually
* GSS-API has two types of per-message tokens: WrapToken and MicToken.
* They differ in the respect that a WrapToken carries additional plaintext
* or ciphertext application data besides just the sequence number and
* checksum. This class encapsulates the commonality in the structure of
* the WrapToken and the MicToken. This structure can be represented as:
```

```
* <p>
* <pre>
* Wrap Tokens
*
*    Octet no   Name       Description
*   ----------------------------------------------------------------
*     0..1     TOK_ID     Identification field.  Tokens
 emitted by
*                         GSS_Wrap() contain the hex value 05 04
*                         expressed in big-endian order in this field.
*     2        Flags      Attributes field, as described in section
*                         4.2.2.
*     3        Filler     Contains the hex value FF.
*     4..5     EC         Contains the "extra count" field, in big-
*                         endian order as described in section 4.2.3.
*     6..7     RRC        Contains the "right rotation count" in big
*                         endian order, as described in section 4.2.5.
*     8..15    SND_SEQ    Sequence number field in clear text,
*                         expressed in big-endian order.
*     16..last Data       Encrypted data for Wrap tokens with
*                         confidentiality, or plaintext data followed
*                         by the checksum for Wrap tokens without
*                         confidentiality, as described in section
*
                    4.2.4.
* MIC Tokens
*
*    Octet no   Name       Description
*    ----------------------------------------------------------------
*     0..1     TOK_ID     Identification field.  Tokens emitted by
*                         GSS_GetMIC() contain the hex value 04 04
*                         expressed in big-endian order in this field.
*     2        Flags      Attributes field, as described in section
*                         4.2.2.
*     3..7     Filler     Contains five octets of hex value FF.
*     8..15    SND_SEQ    Sequence number field in clear text,
*                         expressed in big-endian order.
*     16..last SGN_CKSUM  Checksum of the "to-be-signed" data and
*                         octet 0..15, as described in section 4.2.4.
*
* </pre>
* <p>
* This class is the super class of WrapToken_v2 and MicToken_v2. The token's
* header (bytes[0..15]) and data (byte[16..]) are saved in tokenHeader and
* tokenData fields.
 Since there is no easy way to find out the exact length
* of a WrapToken_v2 token from any header info, in the case of reading from
* stream, we read all available() bytes into the token.
```

```
* <p>
* All read actions are performed in this super class. On the write part, the
* super class only write the tokenHeader, and the content writing is inside
* child classes.
*
* @author Seema Malkani
*/
// validate EC for Wrap tokens without confidentiality
// In Wrap tokens without confidentiality, the EC field SHALL be used
// check confidentiality
/**
    * Reads a MessageTokenHeader from an InputStream and sets the
    * appropriate confidentiality and quality of protection
    * values in a MessageProp structure.
    *
    * @param is the InputStream to read from
    * @param prop the MessageProp to populate
    * @throws IOException is an error occurs while reading from the
    * InputStream
    */
// check for confidentiality
```

Found in path(s):
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/jgss/krb5/MessageToken_v2.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/multi/MultiToolTipUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/multi/MultiScrollBarUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/basic/BasicRadioButtonMenuItemUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/multi/MultiOptionPaneUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/swing/plaf/motif/MotifButtonListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/multi/MultiSeparatorUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/multi/MultiTableUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/multi/MultiMenuItemUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/multi/MultiProgressBarUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/multi/MultiComboBoxUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/multi/MultiDesktopIconUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/Current.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/multi/MultiTreeUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/security/cert/internal/x509/X509V1CertImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/multi/MultiTableHeaderUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/log/LogHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/multi/MultiMenuBarUI.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/multi/MultiSliderUI.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

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zip/javax/swing/plaf/multi/MultiDesktopPaneUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/net/ssl/HandshakeCompletedListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/DefinitionKind.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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zip/javax/swing/plaf/multi/MultiInternalFrameUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/multi/MultiScrollPaneUI.java
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zip/javax/swing/plaf/basic/BasicCheckBoxMenuItemUI.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/IntHolder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/StructMember.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/net/ssl/SSLSessionBindingListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/ByteHolder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/DisabledAlgorithmConstraints.java
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*/
/**
* This is a utility class used within the per-message GSSContext
* methods to convey per-message properties.<p>
*
* When used with the GSSContext interface's wrap and getMIC methods, an
* instance of this class is used to indicate the desired
* Quality-of-Protection (QOP) and to request if confidentiality services
* are to be applied to caller supplied data (wrap only).  To request
* default QOP, the value of 0 should be used for QOP.<p>
*
* When used with the unwrap and verifyMIC methods of the GSSContext
* interface, an instance of this class will be used to indicate the
* applied QOP and confidentiality services over the supplied message.
* In the case of verifyMIC, the confidentiality state
 will always be
* <code>false</code>.  Upon return from these methods, this object will also
* contain any supplementary status values applicable to the processed
* token.  The supplementary status values can indicate old tokens, out
* of sequence tokens, gap tokens or duplicate tokens.<p>
*
* @see GSSContext#wrap
* @see GSSContext#unwrap
* @see GSSContext#getMIC
* @see GSSContext#verifyMIC
```

```
*
* @author Mayank Upadhyay
* @since 1.4
*/
/**
  * Constructor which sets the desired privacy state. The QOP value used
  * is 0.
  *
  * @param privState the privacy (i.e. confidentiality) state
  */
/**
   * Retrieves the privacy state.
   *
   * @return true if the privacy (i.e., confidentiality) state is true,
   * false otherwise.
   * @see #setPrivacy
   */
/**
   * Sets the privacy state.
   *
   * @param privState true is the privacy (i.e., confidentiality) state
   * is true, false otherwise.
   * @see #getPrivacy
   */
```

Found in path(s):
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/ietf/jgss/MessageProp.java
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*/
/**
* Basic interface for SAX (Simple API for XML) parsers.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
```

```
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This was the main event supplier interface for SAX1; it has
* been replaced in SAX2 by {@link org.xml.sax.XMLReader XMLReader},
* which includes Namespace support and sophisticated configurability
* and extensibility.</p>
*
* <p>All SAX1 parsers must implement this basic interface: it allows
* applications to register handlers for different types of events
* and to initiate
 a parse from a URI, or a character stream.</p>
*
* <p>All SAX1 parsers must also implement a zero-argument constructor
* (though other constructors are also allowed).</p>
*
* <p>SAX1 parsers are reusable but not re-entrant: the application
* may reuse a parser object (possibly with a different input source)
* once the first parse has completed successfully, but it may not
* invoke the parse() methods recursively within a parse.</p>
*
* @deprecated This interface has been replaced by the SAX2
*             {@link org.xml.sax.XMLReader XMLReader}
*             interface, which includes Namespace support.
* @since SAX 1.0
* @author David Megginson
* @see org.xml.sax.EntityResolver
* @see org.xml.sax.DTDHandler
* @see org.xml.sax.DocumentHandler
* @see org.xml.sax.ErrorHandler
* @see org.xml.sax.HandlerBase
* @see org.xml.sax.InputSource
*/
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   ***********************************************************************
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/temporal/Temporal.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/temporal/TemporalAccessor.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/temporal/TemporalField.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/LinuxAsynchronousChannelProvider.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/NotDirectoryException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/attribute/GroupPrincipal.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/channels/CompletionHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/nio/file/ExtendedWatchEventModifier.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/classfile/Annotation.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/nio/file/ExtendedCopyOption.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/FileVisitResult.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/StandardOpenOption.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/FileSystemAlreadyExistsException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/attribute/AclEntryPermission.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/InvalidPathException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/spi/package-info.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javap/InternalError.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/nio/file/ExtendedOpenOption.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/ReadOnlyFileSystemException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/nio/file/SensitivityWatchEventModifier.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/ClosedDirectoryStreamException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/StandardCopyOption.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/attribute/AclEntryFlag.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javap/Messages.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/AccessDeniedException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/AtomicMoveNotSupportedException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/NotLinkException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/NoSuchFileException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/classfile/StackMapTable_attribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/java/nio/file/ClosedWatchServiceException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/nio/file/FileAlreadyExistsException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/nio/file/attribute/FileStoreAttributeView.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/nio/file/attribute/UserPrincipalNotFoundException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/nio/file/ProviderMismatchException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/nio/file/ProviderNotFoundException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/nio/file/attribute/AclEntryType.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/net/StandardProtocolFamily.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/nio/file/DirectoryNotEmptyException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/nio/file/FileSystemNotFoundException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/nio/file/ClosedFileSystemException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/nio/file/attribute/UserPrincipal.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/nio/file/attribute/UserPrincipalLookupService.java
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*/
// proprietary classes in ct.sym. This class does not have a

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/code/Symtab.java
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*/
/**
* This is the base event interface for handling markup events.
* Events are value objects that are used to communicate the
* XML 1.0 InfoSet to the Application. Events may be cached
* and referenced after the parse has completed.
*
* @version 1.0
* @author Copyright (c) 2009 by Oracle Corporation. All Rights Reserved.
* @see javax.xml.stream.XMLEventReader
* @see Characters
* @see ProcessingInstruction

* @see StartElement
* @see EndElement
* @see StartDocument
* @see EndDocument
* @see EntityReference
* @see EntityDeclaration
* @see NotationDeclaration
* @since 1.6
*/

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/stream/events/XMLEvent.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/pkcs11/wrapper/CK_SSL3_KEY_MAT_OUT.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/pkcs11/wrapper/CK_LOCKMUTEX.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/pkcs11/wrapper/CK_C_INITIALIZE_ARGS.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/pkcs11/wrapper/CK_DESTROYMUTEX.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/pkcs11/wrapper/CK_DATE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/pkcs11/wrapper/CK_UNLOCKMUTEX.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/pkcs11/wrapper/CK_RSA_PKCS_OAEP_PARAMS.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/pkcs11/wrapper/CK_ECDH2_DERIVE_PARAMS.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/pkcs11/wrapper/CK_INFO.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/pkcs11/wrapper/CK_PKCS5_PBKD2_PARAMS.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/pkcs11/wrapper/CK_PBE_PARAMS.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/pkcs11/wrapper/CK_X9_42_DH1_DERIVE_PARAMS.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/pkcs11/wrapper/CK_MECHANISM_INFO.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/pkcs11/wrapper/CK_SESSION_INFO.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/pkcs11/wrapper/CK_CREATEMUTEX.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/pkcs11/wrapper/CK_NOTIFY.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
```

zip/sun/security/pkcs11/wrapper/Constants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/pkcs11/wrapper/CK_X9_42_DH2_DERIVE_PARAMS.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/pkcs11/wrapper/CK_SLOT_INFO.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/pkcs11/wrapper/PKCS11RuntimeException.java
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zip/javax/rmi/CORBA/GetORBPropertiesFileAction.java

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*/
/**
   * Returns {@code true} if the GTK+ library is compatible with the given
   * version.
   *
   * @param major
   *          The required major version.
   * @param minor
   *          The required minor version.
   * @param micro
   *          The required micro version.
   * @return {@code true} if the GTK+ library is compatible with the given
   *        version.
   */
```

Found in path(s):
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zip/com/sun/tools/javac/parser/DocCommentParser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/util/locale/provider/HostLocaleProviderAdapterImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/stream/AbstractPipeline.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdeps/Main.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/jdeps/PlatformClassPath.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdeps/Archive.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/geom/AreaOp.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/metal/MetalDesktopIconUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/dnd/MouseDragGestureRecognizer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/basic/CenterLayout.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/Packet.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/font/LineMetrics.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11InputMethodDescriptor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/encoding/MarshalInputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/spi/protocol/CorbaServerRequestDispatcher.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/protocol/SpecialMethod.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/javadoc/ThrowsTag.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/TypeComponentImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/loops/GraphicsPrimitiveProxy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/pipe/TextPipe.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/spi/legacy/connection/LegacyServerSocketManager.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/legacy/connection/LegacyServerSocketManagerImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/javadoc/ParamTag.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/VirtualMachineManagerService.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/geom/Crossings.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/util/CommandLine.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/encoding/MarshalOutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/event/AWTEventListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/im/spi/InputMethodContext.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/SocketTransportService.java
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zip/sun/text/resources/BreakIteratorRules.java
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zip/org/jcp/xml/dsig/internal/dom/DOMXMLSignature.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/jcp/xml/dsig/internal/dom/DOMRetrievalMethod.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/jcp/xml/dsig/internal/dom/DOMReference.java
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* An interface that contains information about an attribute.  Attributes are reported
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*
* @version 1.0
* @author Copyright (c) 2009 by Oracle Corporation. All Rights Reserved.
* @see StartElement
* @since 1.6
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/org/omg/CORBA/COMM_FAILURE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/INV_IDENT.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/BAD_PARAM.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/MARSHAL.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/INTF_REPOS.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/omg/CORBA/BAD_INV_ORDER.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/OBJ_ADAPTER.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/omg/CORBA/DATA_CONVERSION.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/omg/CORBA/SystemException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/UserException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/omg/CORBA/OBJECT_NOT_EXIST.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/INTERNAL.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/omg/CORBA/BAD_OPERATION.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/omg/CORBA/NO_PERMISSION.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/TRANSIENT.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/image/GifImageDecoder.java
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/INV_OBJREF.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/image/URLImageSource.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/omg/CORBA/PERSIST_STORE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/IMP_LIMIT.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/NO_MEMORY.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/FREE_MEM.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/omg/CORBA/BAD_CONTEXT.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/INITIALIZE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/omg/CORBA/NO_RESOURCES.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/INV_FLAG.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/NO_RESPONSE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/omg/CORBA/BAD_TYPECODE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/omg/CORBA/NO_IMPLEMENT.java
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*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/text/ParseException.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/text/DecimalFormatSymbols.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/CompletionStatus.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/datatransfer/UnsupportedFlavorException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/Context.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/transport/proxy/HttpReceiveSocket.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/NVList.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/ItemSelectable.java
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zip/com/sun/org/apache/xerces/internal/impl/XMLEntityScanner.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/font/GraphicAttribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/font/ShapeGraphicAttribute.java

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zip/javax/print/attribute/standard/QueuedJobCount.java
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zip/javax/imageio/spi/ImageOutputStreamSpi.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/net/ssl/X509KeyManager.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/net/ssl/HostnameVerifier.java
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* questions.
*/
/**
    * Returns the list of cipher suites which are enabled by default.
    * Unless a different list is enabled, handshaking on an SSL connection
    * will use one of these cipher suites.  The minimum quality of service
    * for these defaults requires confidentiality protection and server
    * authentication (that is, no anonymous cipher suites).
    *
    * @see #getSupportedCipherSuites()
    * @return array of the cipher suites enabled by default
    */
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/net/ssl/SSLSocketFactory.java
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/internal/crypto/HmacSha1Des3KdCksumType.java

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/activation/DataContentHandlerFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/activation/FileDataSource.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/activation/URLDataSource.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/spi/orbutil/fsm/FSMImpl.java

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/spi/protocol/InitialServerRequestDispatcher.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/resolver/LocalResolverImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/spi/transport/CorbaResponseWaitingRoom.java
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zip/sun/security/krb5/internal/KrbApErrException.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xml/internal/resolver/readers/TextCatalogReader.java
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zip/sun/security/util/Resources_zh_HK.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javadoc/DocEnv.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/util/AuthResources_ko.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/tools/policytool/Resources_ko.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/tools/policytool/Resources_zh_TW.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/Util.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/provider/certpath/ForwardBuilder.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/orbutil/ORBUtility.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/util/Resources_zh_TW.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/logging/LogRecord.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/image/ImageCache.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/HToolkit.java
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zip/com/sun/xml/internal/rngom/binary/SchemaBuilderImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/com/sun/xml/internal/rngom/parse/xml/SchemaParser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/rngom/digested/DDataPattern.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/rngom/digested/DataPatternBuilderImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/rngom/parse/compact/UCode_UCodeESC_CharStream.java
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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/rngom/nc/SimpleNameClass.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/rngom/digested/DPattern.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/rngom/nc/NameClassBuilderImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/rngom/xml/sax/JAXPXMLReaderCreator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/rngom/digested/GrammarBuilderImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/font/CoreMetrics.java
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/**
* Default base class for SAX2 event handlers.
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* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
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* </blockquote>
*
* <p>This class is available as a convenience base class for SAX2
* applications: it provides default implementations for all of the
* callbacks in the four core SAX2 handler classes:</p>
*
* <ul>
* <li>{@link org.xml.sax.EntityResolver EntityResolver}</li>
* <li>{@link org.xml.sax.DTDHandler DTDHandler}</li>
* <li>{@link org.xml.sax.ContentHandler
 ContentHandler}</li>
* <li>{@link org.xml.sax.ErrorHandler ErrorHandler}</li>
* </ul>
*
* <p>Application writers can extend this class when they need to
* implement only part of an interface; parser writers can
* instantiate this class to provide default handlers when the
* application has not supplied its own.</p>
*
* <p>This class replaces the deprecated SAX1
* {@link org.xml.sax.HandlerBase HandlerBase} class.</p>
*
* @since SAX 2.0
* @author David Megginson,
* @see org.xml.sax.EntityResolver
* @see org.xml.sax.DTDHandler
* @see org.xml.sax.ContentHandler
```

```
* @see org.xml.sax.ErrorHandler
*/
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*/
/**
    * Returns an array containing all of the elements in this queue.
    * The returned array elements are in no particular order.
    *
    * <p>The returned array will be "safe" in that no references to it are
    * maintained by this queue.  (In other words, this method must allocate
```

```
   * a new array).  The caller is thus free to modify the returned array.
    *
   * <p>This method acts as bridge between array-based and collection-based
   * APIs.
   *
   * @return an array containing all of the elements in this queue
   */
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/extcheck/Main.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/metal/MetalInternalFrameTitlePane.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/loops/GeneralRenderer.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/JNITypeParser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/VirtualMachineManagerImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/StackFrameImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/text/html/parser/Entity.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/swing/plaf/windows/WindowsDesktopManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/UnsupportedClassVersionError.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/text/html/parser/TagStack.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/internal/ktab/KeyTab.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/KrbApRep.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/EncryptionKey.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/internal/crypto/Nonce.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/xs/util/StringListImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/xs/XSModelGroupImpl.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/xs/util/XSObjectListImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/PathSimplifier.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/JVM.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/events/FileForceEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/PlatformEventType.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/resources/sr/FormatData_sr_ME.java
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*/
/**
```

```
   * Constructs a new {@link Textifier}. <i>Subclasses must not use this
   * constructor</i>. Instead, they must use the {@link #Textifier(int)}
   * version.
   *
   * @throws IllegalStateException
   *         If a subclass calls this constructor.
   */
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/internal/org/objectweb/asm/util/Textifier.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/KrbPriv.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/KrbException.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/RealmException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/internal/ktab/KeyTabInputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/EncryptedData.java
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* This interface defines a class that allows a user to register
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* using the property "javax.xml.stream.allocator"
*
* @version 1.0
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* @see javax.xml.stream.XMLInputFactory
* @see javax.xml.stream.XMLEventFactory
* @since 1.6
*/

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/corba/EnvironmentImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/corba/ContextListImpl.java
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/**

```
    * Returns the most specific, visible, heavyweight Component
    * under the cursor. This method should return null iff the cursor is
    * not over any Java Window.
    *
    * @param   useCache If true, the implementation is free to use caching
    * mechanisms because the Z-order, visibility, and enabled state of the
    * Components has not changed. If false, the implementation should not
    * make these assumptions.
    */
/**
    * Updates the global cursor. We apply a three-step scheme to cursor
    * updates:<p>
    *
    * (1) InputEvent updates which are outdated are discarded by
    * <code>updateCursorImmediately(InputEvent)</code>.<p>
    *
    * (2) If 'useCache' is true,
 the native code is free to use a cached
    * value to determine the most specific, visible, enabled heavyweight
    * because this update is occurring in response to a mouse move. If
    * 'useCache' is false, the native code must perform a new search given
    * the current mouse coordinates.
    *
    * (3) Once we have determined the most specific, visible, enabled
    * heavyweight, we use findComponentAt to find the most specific, visible,
    * enabled Component.
    */
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/is/FormatData_is.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/sk/FormatData_sk.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/da/FormatData_da.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/ro/FormatData_ro.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/hr/FormatData_hr.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/ca/FormatData_ca.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/lv/FormatData_lv.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/mk/FormatData_mk.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/uk/FormatData_uk.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/sl/FormatData_sl.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/et/FormatData_et.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/ar/FormatData_ar.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/iw/FormatData_iw.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/lt/FormatData_lt.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/hu/FormatData_hu.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/sv/FormatData_sv.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/pl/FormatData_pl.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/resources/cs/FormatData_cs.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/resources/bg/FormatData_bg.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/resources/ru/FormatData_ru.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/resources/be/FormatData_be.java
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*/
// Proprietary algorithm.
/*
    * Private proprietary algorithm for supporting JCEKS.
    */
```

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zip/com/sun/crypto/provider/PBEKeyFactory.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/w3c/dom/ls/LSResourceResolver.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/w3c/dom/ProcessingInstruction.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/Text.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/ls/LSSerializer.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/TypeInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/ls/LSParser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/NameList.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/NodeList.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/DOMErrorHandler.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/CharacterData.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/w3c/dom/DOMImplementationSource.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/ls/LSParserFilter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/EntityReference.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/ls/LSOutput.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/ls/LSSerializerFilter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/Notation.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/UserDataHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/w3c/dom/DOMImplementation.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/Element.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/ls/LSException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/w3c/dom/DOMImplementationList.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/DOMException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/Document.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/Entity.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/DocumentFragment.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/DocumentType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/w3c/dom/bootstrap/DOMImplementationRegistry.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/DOMLocator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/ls/LSInput.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/ls/LSProgressEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/Comment.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/Node.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/DOMError.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/NamedNodeMap.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/CDATASection.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/ls/LSLoadEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/DOMStringList.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/Attr.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/image/ImageWatched.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/launcher/main.c
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/Process.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/awt/image/JPEGImageDecoder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/LineNumberInputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/awt/image/OffScreenImageSource.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/ThreadGroup.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/text/html/MinimalHTMLWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/swing/plaf/windows/WindowsBorders.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/text/html/parser/DTD.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/UnixFileSystem.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/InetAddressCachePolicy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/omg/CORBA/portable/ServantObject.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/native2ascii/resources/MsgNative2ascii.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/basic/BasicViewportUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/omg/CORBA/SetOverrideType.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/ftp/impl/FtpClient.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ec/ECDSASignature.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/provider/certpath/AlgorithmChecker.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/provider/certpath/OCSP.java
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*/
/**
    * Returns an array containing all of the elements in this list
    * in proper sequence (from first to last element).
    *

```
    * <p>The returned array will be "safe" in that no references to it are
    * maintained by this list.  (In other words, this method must allocate
    * a new array).  The caller is thus free to modify the returned array.
    *
    * <p>This method acts as bridge between array-based and collection-based
    * APIs.
    *
    * @return an array containing all of the elements in this list
    *         in proper sequence
    */
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/Period.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/time/format/DateTimeFormatter.java
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/activation/ORBD.java
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Found in path(s):
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/javax/imageio/spi/ImageReaderWriterSpi.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/Resources_pt_BR.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/security/cert/CertPathValidatorResult.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/print/ServiceUIFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/imageio/stream/ImageInputStreamImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/security/sasl/SaslServerFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/cert/CertStoreSpi.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/channels/SelectionKey.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/charset/spi/CharsetProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/logging/Handler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/protocol/giopmsgheaders/ReplyMessage_1_0.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/SpinnerListModel.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/print/attribute/standard/MultipleDocumentHandling.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/HeapFloatBuffer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/security/auth/callback/DialogCallbackHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/cert/CertPath.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/metal/MetalRootPaneUI.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/print/attribute/HashAttributeSet.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/net/SocksSocketImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/ByteBufferAsDoubleBufferL.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/security/sasl/util/AbstractSaslImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/DirectLongBufferS.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/cert/CertPathBuilder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/print/attribute/standard/PrinterIsAcceptingJobs.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/security/sasl/AuthorizeCallback.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/jgss/GSSManagerImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/cert/CertPathParameters.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/logging/XMLFormatter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/print/attribute/standard/Finishings.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/Resources_ja.java

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/openmbean/CompositeType.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/agent/SnmpRequestTree.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/channels/spi/AbstractSelectionKey.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/net/Inet6Address.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/DirectIntBufferS.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/NativeDispatcher.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/DirectFloatBufferU.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jmx/snmp/agent/SnmpTableSupport.java
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/logging/Filter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/print/attribute/standard/JobStateReasons.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/openmbean/OpenMBeanParameterInfoSupport.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/StringCharBuffer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/cert/CertSelector.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/CharBuffer.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/ByteBufferAsShortBufferRL.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/AuthResources_zh_CN.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/TransferHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/imageio/plugins/png/PNGMetadata.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/DirectByteBuffer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/ByteBufferAsShortBufferL.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/chrono/IsoEra.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/zone/package-info.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/temporal/JulianFields.java
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zip/java/time/chrono/AbstractChronology.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/chrono/HijrahEra.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/chrono/MinguoEra.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/time/temporal/TemporalQuery.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/metal/MetalComboBoxIcon.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/PolicyError.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/PUBLIC_MEMBER.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/print/PrinterIOException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/Spans.java
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*
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/omg/CORBA/ExcDescriptionSeqHelper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/omg/CORBA/Repository.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/omg/CORBA/Initializer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/StringGen.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/constExpr/Modulo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/omg/CORBA/OperationModeHelper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/omg/CORBA/VisibilityHelper.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/constExpr/Positive.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/toJavaPortable/ValueFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/StringEntry.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/som/cff/Messages.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/ValueGen.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/ExceptionGen.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/PragmaGen.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/ResourceBundleUtil.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/toJavaPortable/DefaultFactory.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/InterfaceState.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/toJavaPortable/Holder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/LinkLoopException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/omg/CORBA/ExceptionDescriptionHelper.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/toJavaPortable/Helper24.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/SequenceGen.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/naming/event/NamingListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/InvalidCharacter.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/ConstEntry.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/constExpr/BooleanOr.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/font/CharArrayIterator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/ModuleGen.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/constExpr/Minus.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/naming/NameAlreadyBoundException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/InterfaceGen.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/misc/ExtensionInstallationProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/UnionGen.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/constExpr/BooleanAnd.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/ValueEntry.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/omg/CORBA/ValueDefPackage/FullValueDescription.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/toJavaPortable/ForwardValueGen.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/TypedefGen.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/naming/directory/NoSuchAttributeException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/omg/CORBA/ValueMemberSeqHelper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/naming/CommunicationException.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/omg/CORBA/ExceptionDescription.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/omg/CORBA/OperationDescription.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/omg/CORBA/RepositoryIdSeqHelper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/constExpr/GreaterEqual.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/toJavaPortable/SequenceGen.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/toJavaPortable/ValueBoxGen.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/ValueContainer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/ValueRepositoryId.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/ForwardValueEntry.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/omg/CORBA/RepositoryIdHelper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/toJavaPortable/EnumGen.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/AWTSecurityManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/naming/NameNotFoundException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/StructGen.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/naming/directory/InvalidSearchControlsException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/omg/SendingContext/CodeBasePackage/URLHelper.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/StructEntry.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/toJavaPortable/AttributeGen24.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/naming/NoInitialContextException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/naming/event/ObjectChangeListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/naming/TimeLimitExceededException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/omg/CORBA/ParDescriptionSeqHelper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/omg/SendingContext/CodeBasePackage/ValueDescSeqHelper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/toJavaPortable/AuxGen.java
*

/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/WindowClosingListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/Referenceable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/Generator.java
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zip/com/sun/org/apache/xerces/internal/jaxp/DocumentBuilderImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/net/SocketOutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/net/URLConnection.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/net/SocketInputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/net/www/protocol/http/AuthenticationInfo.java
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/**
* This class represents access to a network via sockets.
* A SocketPermission consists of a
* host specification and a set of "actions" specifying ways to
* connect to that host. The host is specified as
* <pre>
*    host = (hostname | IPv4address | iPv6reference) [:portrange]
*    portrange = portnumber | -portnumber | portnumber-[portnumber]
* </pre>
* The host is expressed as a DNS name, as a numerical IP address,
* or as "localhost" (for the local machine).
* The wildcard "*" may be included once in a DNS name host
* specification. If it is included, it must be in the leftmost
* position, as in "*.sun.com".
* <p>
* The format of the IPv6reference should follow that specified in <a
* href="http://www.ietf.org/rfc/rfc2732.txt"><i>RFC 2732:
 Format
* for Literal IPv6 Addresses in URLs</i></a>:
* <pre>
*    ipv6reference = "[" IPv6address "]"
*</pre>
* For example, you can construct a SocketPermission instance
* as the following:
* <pre>
*    String hostAddress = inetaddress.getHostAddress();
*    if (inetaddress instanceof Inet6Address) {
*        sp = new SocketPermission("[" + hostAddress + "]:" + port, action);
*    } else {
*        sp = new SocketPermission(hostAddress + ":" + port, action);
*    }
* </pre>
* or
* <pre>
*    String host = url.getHost();
*    sp = new SocketPermission(host + ":" + port, action);
* </pre>
* <p>
```

```
* The <A HREF="Inet6Address.html#lform">full uncompressed form</A> of
* an IPv6 literal address is also valid.
* <p>
* The port or portrange is optional. A port specification of the
* form "N-", where <i>N</i> is a port number, signifies all ports
* numbered <i>N</i> and above, while a specification of the
* form
 "-N" indicates all ports numbered <i>N</i> and below.
* The special port value {@code 0} refers to the entire <i>ephemeral</i>
* port range. This is a fixed range of ports a system may use to
* allocate dynamic ports from. The actual range may be system dependent.
* <p>
* The possible ways to connect to the host are
* <pre>
* accept
* connect
* listen
* resolve
* </pre>
* The "listen" action is only meaningful when used with "localhost" and
* means the ability to bind to a specified port.
* The "resolve" action is implied when any of the other actions are present.
* The action "resolve" refers to host/ip name service lookups.
* <P>
* The actions string is converted to lowercase before processing.
* <p>As an example of the creation and meaning of SocketPermissions,
* note that if the following permission:
*
* <pre>
*   p1 = new SocketPermission("puffin.eng.sun.com:7777", "connect,accept");
* </pre>
*
* is granted to some code, it allows that code to connect to
 port 7777 on
* {@code puffin.eng.sun.com}, and to accept connections on that port.
*
* <p>Similarly, if the following permission:
*
* <pre>
*   p2 = new SocketPermission("localhost:1024-", "accept,connect,listen");
* </pre>
*
* is granted to some code, it allows that code to
* accept connections on, connect to, or listen on any port between
* 1024 and 65535 on the local host.
*
* <p>Note: Granting code permission to accept or make connections to remote
* hosts may be dangerous because malevolent code can then more easily
```

```
* transfer and share confidential data among parties who may not
* otherwise have access to the data.
*
* @see java.security.Permissions
* @see SocketPermission
*
*
* @author Marianne Mueller
* @author Roland Schemers
*
* @serial exclude
*/
```

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// for more details.
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/portable/InputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/Any.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/ButtonUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/activation/RepositoryImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/swing/plaf/motif/MotifMenuItemUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/registry/RegistryHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/accessibility/AccessibleStateSet.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/im/spi/InputMethod.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/swing/plaf/motif/MotifMenuUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/DynamicImplementation.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/undo/CompoundEdit.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/GeneralName.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/accessibility/AccessibleState.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/dnd/DropTargetContext.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/Principal.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/oa/poa/POAImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/text/MutableAttributeSet.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/swing/plaf/motif/MotifIconFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/EDIPartyName.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/oa/poa/POAManagerImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/text/DefaultTextUI.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/undo/StateEditable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/swing/plaf/windows/WindowsDesktopIconUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/portable/OutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/GeneralSubtree.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/swing/plaf/motif/MotifInternalFrameUI.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/instrument/JIClassInstrumentation.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/instrument/JIInstrumentationMethod.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/instrument/SocketOutputStreamInstrumentor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/instrument/FileInputStreamInstrumentor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/instrument/JIMethodCallInliner.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/instrument/SocketChannelImplInstrumentor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/instrument/FileChannelImplInstrumentor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/instrument/FileOutputStreamInstrumentor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/instrument/JIInstrumentationTarget.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/instrument/JIMethodMergeAdapter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/instrument/JIInliner.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/GaloisCounterMode.java
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zip/com/sun/net/httpserver/BasicAuthenticator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/ECUtil.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/source/tree/Scope.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/sql/SQLRecoverableException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jinfo/JInfo.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/bind/DataBindingException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/cmm/CMSManager.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/LinearGradientPaintContext.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/security/auth/LdapPrincipal.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/MultipleGradientPaintContext.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/main/Option.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/provider/certpath/URICertStore.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/LinearGradientPaint.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/net/httpserver/Authenticator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/source/tree/LineMap.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/zip/InflaterOutputStream.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jconsole/JConsolePlugin.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/RadialGradientPaint.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/source/util/TreePathScanner.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XlibUtil.java
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/spi/LocaleNameProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/ws/EndpointReference.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/swing/text/TextComponentPrintable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/xml/crypto/dsig/keyinfo/KeyInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/attach/HotSpotAttachProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/jdi/ProcessAttachingConnector.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/xml/ws/WebServicePermission.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/ws/soap/SOAPBinding.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/x509/DistributionPointName.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/misc/ConstructorUtil.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/xml/crypto/dsig/spec/XPathType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/swing/DefaultLayoutStyle.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/xml/crypto/dsig/spec/ExcC14NParameterSpec.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/annotation/Resources.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/xml/ws/wsaddressing/W3CEndpointReferenceBuilder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/xml/crypto/dsig/keyinfo/X509Data.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/smartcardio/TerminalFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/xml/crypto/dom/DOMCryptoContext.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/crypto/dsig/Reference.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/xml/crypto/dsig/keyinfo/RetrievalMethod.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/rowset/JdbcRowSetResourceBundle.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/xml/crypto/dsig/spec/XPathFilterParameterSpec.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/jgss/wrapper/NativeGSSFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/xml/crypto/dsig/keyinfo/PGPData.java

*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/misc/FieldUtil.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/javac/file/CacheFSInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/xml/crypto/dsig/spec/XPathFilter2ParameterSpec.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/ws/WebServiceContext.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/xml/crypto/dsig/SignatureProperty.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/jgss/spnego/NegTokenTarg.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/xml/ws/handler/soap/SOAPMessageContext.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/crypto/provider/PBKDF2HmacSHA1Factory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/crypto/dsig/SignedInfo.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/ws/spi/Provider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/PaintEventDispatcher.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/httpserver/SSLStreams.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/lang/model/element/TypeParameterElement.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/xml/crypto/dsig/XMLSignatureFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/jgss/spnego/SpNegoToken.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/xml/ws/handler/MessageContext.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/ws/Endpoint.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/xml/crypto/dsig/keyinfo/KeyInfoFactory.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/jgss/spnego/NegTokenInit.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/annotation/Resource.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/xml/crypto/dsig/SignatureProperties.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/UngrabEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/javac/processing/JavacFiler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/javac/file/ZipFileIndexArchive.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/ws/WebServiceRef.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/xml/crypto/dsig/TransformService.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/crypto/NodeSetData.java
*

/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/script/ScriptException.java
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*/
/** Emit plain Java source for a class.
    *  @param env    The attribution environment of the outermost class
    *                containing this class.
    *  @param cdef   The class definition to be printed.
    */
/**
    * The phases following annotation processing: attribution,
    * desugar, and finally code generation.
    */
/**
    * Attribute a list of parse trees, such as found on the "todo" list.
    * Note that attributing classes may cause additional files to be
    * parsed and entered via the SourceCompleter.
    * Attribution of the entries in the list does not stop if any errors occur.
    * @returns a list of environments for attributd classes.
    */
/**
    * Prepare attributed
 parse trees, in conjunction with their attribution contexts,
    * for source or code generation.
    * If any errors occur, an empty list will be returned.
    * @returns a list containing the classes to be generated
    */

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
```

zip/com/sun/tools/javac/main/JavaCompiler.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/rsa/RSAKeyPairGenerator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/ISO10126Padding.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/provider/certpath/OCSPRequest.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/Agent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/MemoryPoolImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/provider/certpath/OCSPResponse.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/transform/FactoryFinder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/provider/ParameterCache.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/Config.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/P11KeyPairGenerator.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/rsa/RSAPublicKeyImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/xml/validation/SchemaFactoryFinder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XMouseInfoPeer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/rsa/RSAPrivateCrtKeyImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/management/jmxremote/SingleEntryRegistry.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/crypto/provider/ARCFOURCipher.java
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/soap/Name.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/jconsole/inspector/XOperations.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/management/snmp/jvmmib/JvmRTBootClassPathEntryMeta.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/soap/SOAPException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/soap/SOAPConnection.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/sun/tools/jconsole/VariableGridLayout.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/soap/DetailEntry.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/jconsole/MemoryPoolProxy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/jconsole/VMInternalFrame.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jconsole/MBeansTab.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/jconsole/inspector/XSheet.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/xml/soap/SOAPBodyElement.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/soap/SOAPEnvelope.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/soap/SOAPMessage.java
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/management/ConnectorAddressLink.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/management/LazyCompositeData.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/jconsole/inspector/ThreadDialog.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/soap/SAAJResult.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/soap/MimeHeaders.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/jconsole/inspector/XDataViewer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/management/snmp/jvmmib/JvmRTClassPathEntryMeta.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jconsole/ClassTab.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/jconsole/inspector/XOpenTypeViewer.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/management/ThreadInfoCompositeData.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/jconsole/LabeledComponent.java
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*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/xml/soap/SOAPHeaderElement.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/soap/AttachmentPart.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jconsole/PlotterPanel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jconsole/Version.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/soap/SOAPConstants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/jconsole/inspector/XMBeanNotifications.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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zip/sun/tools/jconsole/MemoryPoolStat.java
*

/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/management/GcInfoCompositeData.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/soap/Node.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/PreHashedMap.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jconsole/inspector/XTree.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/EngineArgs.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/management/snmp/jvmmib/JvmRTLibraryPathEntryMeta.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/util/XMLEntityDescriptionImpl.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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zip/com/sun/org/apache/xerces/internal/impl/XMLEntityDescription.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/io/MalformedByteSequenceException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/dv/xs/PrecisionDecimalDV.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/parsers/XML11DTDConfiguration.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/dom/DeferredDOMImplementationImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/Observer.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/MenuShortcut.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/IntrospectionException.java
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/**
* This class provides the functionality of a cryptographic cipher for
* encryption and decryption. It forms the core of the Java Cryptographic
* Extension (JCE) framework.
*
* <p>In order to create a Cipher object, the application calls the
* Cipher's {@code getInstance} method, and passes the name of the
* requested transformation to it. Optionally, the name of a provider
* may be specified.
*
* <p>A transformation is a string that describes the operation (or
* set of operations) to be performed on the given input, to produce some

```
* output. A transformation always includes the name of a cryptographic
* algorithm (e.g., <i>AES</i>), and may be followed by a feedback mode and
*
 padding scheme.
*
* <p> A transformation is of the form:
*
* <ul>
* <li>"<i>algorithm/mode/padding</i>" or
*
* <li>"<i>algorithm</i>"
* </ul>
*
* <P> (in the latter case,
* provider-specific default values for the mode and padding scheme are used).
* For example, the following is a valid transformation:
*
* <pre>
*     Cipher c = Cipher.getInstance("<i>AES/CBC/PKCS5Padding</i>");
* </pre>
*
* Using modes such as {@code CFB} and {@code OFB}, block
* ciphers can encrypt data in units smaller than the cipher's actual
* block size.  When requesting such a mode, you may optionally specify
* the number of bits to be processed at a time by appending this number
* to the mode name as shown in the "{@code AES/CFB8/NoPadding}" and
* "{@code AES/OFB32/PKCS5Padding}" transformations. If no such
* number is specified, a provider-specific default is used.
* Thus, block ciphers can be turned into byte-oriented stream ciphers by
* using an 8 bit mode such as CFB8 or OFB8.
*
 <p>
* Modes such as Authenticated Encryption with Associated Data (AEAD)
* provide authenticity assurances for both confidential data and
* Additional Associated Data (AAD) that is not encrypted.  (Please see
* <a href="http://www.ietf.org/rfc/rfc5116.txt"> RFC 5116 </a> for more
* information on AEAD and AEAD algorithms such as GCM/CCM.) Both
* confidential and AAD data can be used when calculating the
* authentication tag (similar to a {@link Mac}).  This tag is appended
* to the ciphertext during encryption, and is verified on decryption.
* <p>
* AEAD modes such as GCM/CCM perform all AAD authenticity calculations
* before starting the ciphertext authenticity calculations.  To avoid
* implementations having to internally buffer ciphertext, all AAD data
* must be supplied to GCM/CCM implementations (via the {@code
* updateAAD} methods) <b>before</b> the ciphertext is processed (via
* the {@code update} and {@code doFinal} methods).
* <p>
```

```
* Note that GCM mode has a uniqueness
 requirement on IVs used in
* encryption with a given key. When IVs are repeated for GCM
* encryption, such usages are subject to forgery attacks. Thus, after
* each encryption operation using GCM mode, callers should re-initialize
* the cipher objects with GCM parameters which has a different IV value.
* <pre>
*     GCMParameterSpec s = ...;
*     cipher.init(..., s);
*
*     // If the GCM parameters were generated by the provider, it can
*     // be retrieved by:
*     // cipher.getParameters().getParameterSpec(GCMParameterSpec.class);
*
*     cipher.updateAAD(...);  // AAD
*     cipher.update(...);     // Multi-part update
*     cipher.doFinal(...);    // conclusion of operation
*
*     // Use a different IV value for every encryption
*     byte[] newIv = ...;
*     s = new GCMParameterSpec(s.getTLen(), newIv);
*     cipher.init(..., s);
*     ...
*
* </pre>
* Every implementation of the Java platform is required to support
* the following standard
 {@code Cipher} transformations with the keysizes
* in parentheses:
* <ul>
* <li>{@code AES/CBC/NoPadding} (128)</li>
* <li>{@code AES/CBC/PKCS5Padding} (128)</li>
* <li>{@code AES/ECB/NoPadding} (128)</li>
* <li>{@code AES/ECB/PKCS5Padding} (128)</li>
* <li>{@code DES/CBC/NoPadding} (56)</li>
* <li>{@code DES/CBC/PKCS5Padding} (56)</li>
* <li>{@code DES/ECB/NoPadding} (56)</li>
* <li>{@code DES/ECB/PKCS5Padding} (56)</li>
* <li>{@code DESede/CBC/NoPadding} (168)</li>
* <li>{@code DESede/CBC/PKCS5Padding} (168)</li>
* <li>{@code DESede/ECB/NoPadding} (168)</li>
* <li>{@code DESede/ECB/PKCS5Padding} (168)</li>
* <li>{@code RSA/ECB/PKCS1Padding} (1024, 2048)</li>
* <li>{@code RSA/ECB/OAEPWithSHA-1AndMGF1Padding} (1024, 2048)</li>
* <li>{@code RSA/ECB/OAEPWithSHA-256AndMGF1Padding} (1024, 2048)</li>
* </ul>
* These transformations are described in the
* <a href="{@docRoot}/../technotes/guides/security/StandardNames.html#Cipher">
```

```
* Cipher section</a> of the
* Java Cryptography
 Architecture Standard Algorithm Name Documentation.
* Consult the release documentation for your implementation to see if any
* other transformations are supported.
*
* @author Jan Luehe
* @see KeyGenerator
* @see SecretKey
* @since 1.4
*/
```

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/**
    * Flag that marks an internal proprietary class.
    */
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/code/Flags.java

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/io/ObjectStreamClass.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xalan/internal/xsltc/compiler/Sort.java
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*/
/*
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*/
/**
* An interface that contains information about a namespace.
* Namespaces are accessed from a StartElement.
*
* @version 1.0
* @author Copyright (c) 2009 by Oracle Corporation. All Rights Reserved.

```
* @see StartElement
* @since 1.6
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/stream/events/Namespace.java
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*/
/**
  * Major version number.
  * Version number. This changes only when there is a
  *         significant, externally apparent enhancement from
  *         the previous release. 'n' represents the n'th
  *         version.
  *
  *         Clients should carefully consider the implications
  *
        of new versions as external interfaces and behaviour
  *         may have changed.
  */
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xalan/internal/Version.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/AuthContext.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/LoginOptions.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/EncKrbCredPart.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/ktab/KeyTabConstants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/KDCOptions.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/PAEncTSEnc.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/KerberosTime.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/SeqNumber.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/TransitedEncoding.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/KrbCredInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/internal/Ticket.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/sun/security/krb5/internal/KrbErrException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/KrbCryptoException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/internal/APReq.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/MethodData.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/internal/ASReq.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/KRBCred.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/ktab/KeyTabOutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/EncKDCRepPart.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/KDCRep.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/ccache/FileCCacheConstants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/TicketFlags.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/EncTicketPart.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/ccache/Credentials.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/ccache/CredentialsCache.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/ccache/Tag.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/crypto/DesCbcMd5EType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/EncAPRepPart.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/KRBPriv.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/internal/LastReq.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/util/KrbDataOutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/internal/TGSReq.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/crypto/Crc32CksumType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/ccache/MemoryCredentialsCache.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/KrbKdcRep.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/EncASRepPart.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/sun/security/krb5/internal/LastReqEntry.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/APOptions.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/AuthorizationData.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/ktab/KeyTabEntry.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/Asn1Exception.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/ccache/CCacheOutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/crypto/DesCbcCrcEType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/internal/TGSRep.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/crypto/Des.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/KRBSafeBody.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/ccache/CCacheInputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/internal/APRep.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/util/KerberosFlags.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/internal/ASRep.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/KRBSafe.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/KDCReq.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/KrbAppMessage.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/KDCReqBody.java
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// NO WARRANTY!  This class is in the Public Domain.
/**
* Create a new instance of a class by name.
*
* <blockquote>
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* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This class contains a static method for creating an instance of a
* class from an explicit class name.  It tries to use the thread's context
* ClassLoader if possible and falls back to using
* Class.forName(String).</p>
*
* <p>This code is designed to compile and run on JDK version 1.1 and later
* including versions of Java 2.</p>
 *
* @author Edwin Goei, David Brownell
* @version 2.0.1 (sax2r2)
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/xml/sax/helpers/NewInstance.java
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*/
/**
   * Create an HTTPS client URL.  Traffic will be tunneled through any
   * intermediate nodes rather than proxied, so that confidentiality
   * of data exchanged can be preserved.  However, note that all the
   * anonymous SSL flavors are subject to "person-in-the-middle"
   * attacks against confidentiality.  If you enable use of those
   * flavors, you may be giving up the protection you get through
   * SSL tunneling.
   *
   * Use New to get new HttpsClient. This constructor is meant to be
   * used only by New method. New properly checks for URL spoofing.
   *
   * @param URL https URL with which a connection must be established
   */
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/www/protocol/https/HttpsClient.java
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*/
/**
    * Creates a new sequential or parallel {@code Stream} from a
    * {@code Spliterator}.
    *
    * <p>The spliterator is only traversed, split, or queried for estimated
    * size after the terminal operation of the stream pipeline commences.
    *
    * <p>It is strongly recommended the spliterator report a characteristic of
    * {@code IMMUTABLE} or {@code CONCURRENT}, or be
    * <a href="../Spliterator.html#binding">late-binding</a>.  Otherwise,
    * {@link #stream(java.util.function.Supplier, int, boolean)} should be used
    * to reduce the scope of potential interference with the source.  See
    * <a href="package-summary.html#NonInterference">Non-Interference</a> for
    * more
 details.
    *
    * @param <T> the type of stream elements
    * @param spliterator a {@code Spliterator} describing the stream elements
    * @param parallel if {@code true} then the returned stream is a parallel
    *       stream; if {@code false} the returned stream is a sequential
    *       stream.
    * @return a new sequential or parallel {@code Stream}
    */
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/wrapper/CK_SSL3_RANDOM_DATA.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/wrapper/CK_SSL3_KEY_MAT_PARAMS.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/wrapper/CK_SSL3_MASTER_KEY_DERIVE_PARAMS.java

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/sjavac/server/JavacServer.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/P11ECKeyFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ec/ECPrivateKeyImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/P11ECDHKeyAgreement.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/synth/ImagePainter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XAtom.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/basic/LazyActionMap.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/remote/JMXConnectorServerMBean.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/synth/SynthArrowButton.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/ConnectionResetException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/remote/rmi/RMIConnection.java
*

/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/synth/SynthContext.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/interceptor/MBeanServerInterceptor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/synth/SynthStyle.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/swing/MenuItemLayoutHelper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/MBeanPermission.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/synth/SynthMenuItemLayoutHelper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/mbeanserver/SecureClassLoaderRepository.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/StandardMBean.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/math/SignedMutableBigInteger.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/monitor/MonitorSettingException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/math/BitSieve.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs12/MacData.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/monitor/StringMonitorMBean.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/WindowClosingSupport.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/daemon/CommunicatorServerMBean.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/crypto/ExemptionMechanismException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/monitor/MonitorMBean.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/monitor/MonitorNotification.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/toJavaPortable/Arguments.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/timer/TimerMBean.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/timer/TimerNotification.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/crypto/ExemptionMechanismSpi.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/monitor/GaugeMonitorMBean.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/monitor/CounterMonitorMBean.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/RepaintArea.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/defaults/JmxProperties.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/mbeanserver/NamedObject.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/daemon/CommunicationException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/monitor/StringMonitor.java
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/**
   * Sun proprietary policy namespace URI
   */
/**
   * Sun proprietary policy namespace prefix
   */
/**
   * Fully qualified name of the SUN's proprietary policy assertion visibility attribute
   */
/**
   * Recognized value of the SUN's proprietary policy assertion visibility attribute
   */

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/policy/PolicyConstants.java
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* SAX2 extension helper for additional Attributes information,
* implementing the {@link Attributes2} interface.
*
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* </blockquote>
*
* <p>This is not part of core-only SAX2 distributions.</p>
*
* <p>The <em>specified</em> flag for each attribute will always
* be true, unless it has been set to false in the copy constructor
* or using {@link #setSpecified}.
* Similarly, the <em>declared</em> flag for each attribute will
* always be false, except for defaulted attributes (<em>specified</em>
* is false), non-CDATA attributes,
 or when it is set to true using
* {@link #setDeclared}.
* If you change an attribute's type by hand, you may need to modify
* its <em>declared</em> flag to match.
* </p>
*
* @since SAX 2.0 (extensions 1.1 alpha)
* @author David Brownell
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/xml/sax/ext/Attributes2Impl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/TimSort.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/basic/BasicScrollPaneUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/pipe/AAShapePipe.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/MarshalledObject.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/doclets/formats/html/markup/HtmlWriter.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/io/ObjectStreamField.java
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zip/com/sun/org/apache/xalan/internal/utils/XMLSecurityManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/utils/XMLSecurityManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/MethodRef.java
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zip/com/sun/org/apache/xml/internal/serializer/ToStream.java
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*  The XMLStreamReader interface allows forward, read-only access to XML.
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*
* <p> The XMLStreamReader is designed to iterate over XML using
* next() and hasNext().  The data can be accessed using methods such as getEventType(),
* getNamespaceURI(), getLocalName() and getText();
*
* <p> The <a href="#next()">next()</a> method causes the reader to read the next parse event.
* The next() method returns an integer which identifies the type of event just read.
* <p> The event type can be determined using <a href="#getEventType()">getEventType()</a>.
* <p> Parsing events are defined as the XML Declaration, a DTD,
* start
 tag, character data, white space, end tag, comment,
* or processing instruction.  An attribute or namespace event may be encountered
* at the root level of a document as the result of a query operation.
*
* <p>For XML 1.0 compliance an XML processor must pass the
* identifiers of declared unparsed entities, notation declarations and their
* associated identifiers to the application.  This information is
* provided through the property API on this interface.
* The following two properties allow access to this information:
* javax.xml.stream.notations and javax.xml.stream.entities.
* When the current event is a DTD the following call will return a
* list of Notations
*  <code>List l = (List) getProperty("javax.xml.stream.notations");</code>
* The following call will return a list of entity declarations:
* <code>List l = (List) getProperty("javax.xml.stream.entities");</code>
* These properties can only be accessed during a DTD event and
* are defined to return null if the
 information is not available.
*
* <p>The following table describes which methods are valid in what state.
* If a method is called in an invalid state the method will throw a
* java.lang.IllegalStateException.
*
* <table border="2" rules="all" cellpadding="4">
```

```
*   <thead>
*     <tr>
*       <th align="center" colspan="2">
*         Valid methods for each state
*       </th>
*     </tr>
*   </thead>
*   <tbody>
*     <tr>
*       <th>Event Type</th>
*       <th>Valid Methods</th>
*     </tr>
*     <tr>
*       <td> All States  </td>
*       <td> getProperty(), hasNext(), require(), close(),
*            getNamespaceURI(), isStartElement(),
*            isEndElement(), isCharacters(), isWhiteSpace(),
*            getNamespaceContext(), getEventType(),getLocation(),
*            hasText(), hasName()
*       </td>
*     </tr>
*     <tr>
*       <td> START_ELEMENT  </td>
*       <td> next(), getName(), getLocalName(), hasName(), getPrefix(),
*            getAttributeXXX(),
 isAttributeSpecified(),
*            getNamespaceXXX(),
*            getElementText(), nextTag()
*       </td>
*     </tr>
*       <td> ATTRIBUTE  </td>
*       <td> next(), nextTag()
*            getAttributeXXX(), isAttributeSpecified(),
*       </td>
*     </tr>
*     </tr>
*       <td> NAMESPACE  </td>
*       <td> next(), nextTag()
*            getNamespaceXXX()
*       </td>
*     </tr>
*     <tr>
*       <td> END_ELEMENT  </td>
*       <td> next(), getName(), getLocalName(), hasName(), getPrefix(),
*            getNamespaceXXX(), nextTag()
*      </td>
*     </tr>
*     <tr>
```

```
*       <td> CHARACTERS  </td>
*       <td> next(), getTextXXX(), nextTag() </td>
*     </tr>
*     <tr>
*       <td> CDATA  </td>
*       <td> next(), getTextXXX(), nextTag() </td>
*     </tr>
*     <tr>
*       <td> COMMENT  </td>
*       <td> next(), getTextXXX(), nextTag() </td>
*     </tr>
*     <tr>
*       <td> SPACE  </td>
*       <td> next(), getTextXXX(),
 nextTag() </td>
*     </tr>
*     <tr>
*       <td> START_DOCUMENT  </td>
*       <td> next(), getEncoding(), getVersion(), isStandalone(), standaloneSet(),
*            getCharacterEncodingScheme(), nextTag()</td>
*     </tr>
*     <tr>
*       <td> END_DOCUMENT  </td>
*       <td> close()</td>
*     </tr>
*     <tr>
*       <td> PROCESSING_INSTRUCTION  </td>
*       <td> next(), getPITarget(), getPIData(), nextTag() </td>
*     </tr>
*     <tr>
*       <td> ENTITY_REFERENCE  </td>
*       <td> next(), getLocalName(), getText(), nextTag() </td>
*     </tr>
*     <tr>
*       <td> DTD  </td>
*       <td> next(), getText(), nextTag() </td>
*     </tr>
*   </tbody>
*  </table>
*
* @version 1.0
* @author Copyright (c) 2009 by Oracle Corporation. All Rights Reserved.
* @see javax.xml.stream.events.XMLEvent
* @see XMLInputFactory
* @see XMLStreamWriter
* @since 1.6
*/
```

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*/
/**
    * Returns the subset of the supported cipher suites which are
    * enabled by default.  These cipher suites all provide a minimum
    * quality of service whereby the server authenticates itself
    * (preventing person-in-the-middle attacks) and where traffic
    * is encrypted to provide confidentiality.
    */
/**
    * Returns the names of the cipher suites which could be enabled for use
    * on an SSL connection.  Normally, only a subset of these will actually
    * be enabled by default, since this list may include cipher suites which
    * do not support the mutual authentication of servers and clients, or
    * which do not protect data confidentiality.  Servers may also need

   * certain kinds of certificates to use certain cipher suites.
    */
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/SSLSocketFactoryImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/ftp/FtpProtocolException.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tracing/package-info.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/beans/WeakCache.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/colorchooser/ColorModelCMYK.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/colorchooser/ColorModelHSV.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tracing/dtrace/Activation.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tracing/dtrace/DependencyClass.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/OptionKey.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/colorchooser/ColorModel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/beans/finder/PrimitiveWrapperMap.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tracing/dtrace/FunctionAttributes.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/classfile/SourceID_attribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tracing/dtrace/package-info.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/colorchooser/SlidingSpinner.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tracing/MultiplexProviderFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tracing/dtrace/Attributes.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tracing/dtrace/FunctionName.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tracing/Provider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/ManagementFactory.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tracing/ProbeSkeleton.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/EventQueueDelegate.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/colorchooser/ValueFormatter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tracing/Probe.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tracing/dtrace/DTraceProbe.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tracing/dtrace/ModuleAttributes.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tracing/ProviderName.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tracing/dtrace/NameAttributes.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tracing/dtrace/ModuleName.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tracing/ProbeName.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/api/Formattable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/file/RelativePath.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/CharsetMapping.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tracing/NullProviderFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/beans/decoder/ValueObjectImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tracing/dtrace/ProviderAttributes.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/colorchooser/ColorModelHSL.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tracing/dtrace/ArgsAttributes.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/EventQueueItem.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tracing/dtrace/DTraceProviderFactory.java
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zip/com/sun/tools/corba/se/idl/toJavaPortable/AttributeGen.java
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zip/javax/sound/sampled/AudioPermission.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/sound/midi/MidiUnavailableException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/toJavaPortable/MethodGen.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/sound/sampled/Control.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/java2d/pipe/RegionSpanIterator.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/sound/midi/MidiEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jndi/ldap/ManageReferralControl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/ldap/LdapURL.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javap/ClassWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/cert/CRLReason.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/media/sound/RIFFReader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/media/sound/SoftMidiAudioFileReader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/InvalidityDateExtension.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/jcp/xml/dsig/internal/dom/XMLDSigRI.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/ParameterDescriptor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/IllegalComponentStateException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/transport/tcp/MultiplexInputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/applet/AppletMessageHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/acl/AllPermissionsImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/PrintGraphics.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/applet/AppletObjectInputStream.java
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/jaxp/datatype/XMLGregorianCalendarImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/internal/util/StaticProperty.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/validator/SymantecTLSPolicy.java
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* questions.
*/
/**
* Encapsulate a general SAX error or warning.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This class can contain basic error or warning information from
* either the XML parser or the application: a parser writer or
* application writer can subclass it to provide additional
* functionality.  SAX handlers may throw this exception or
* any exception subclassed from it.</p>
*
* <p>If the application needs to pass through other types of
* exceptions, it must wrap those
 exceptions in a SAXException
* or an exception derived from a SAXException.</p>
*
* <p>If the parser or application needs to include information about a
* specific location in an XML document, it should use the
* {@link org.xml.sax.SAXParseException SAXParseException} subclass.</p>
*
* @since SAX 1.0
* @author David Megginson
* @version 2.0.1 (sax2r2)
* @see org.xml.sax.SAXParseException
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/internal/org/xml/sax/SAXException.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/OpenListResourceBundle.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/zh/CollationData_zh_HK.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/wrapper/PKCS11Exception.java
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/*
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*/
/**
* An interface for handling Entity Declarations
*
* This interface is used to record and report unparsed entity declarations.
*
* @version 1.0
* @author Copyright (c) 2009 by Oracle Corporation. All Rights Reserved.
* @since 1.6
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/stream/events/EntityDeclaration.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xml/internal/serialize/EncodingInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/xs/ElementPSVImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xalan/internal/xsltc/compiler/KeyCall.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xalan/internal/xsltc/dom/UnionIterator.java
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/**
* This interface is used to resolve resources during an XML parse. If an application wishes to
* perform custom entity resolution it must register an instance of this interface with
* the XMLInputFactory using the setXMLResolver method.
*
* @version 1.0
* @author Copyright (c) 2009 by Oracle Corporation. All Rights Reserved.
* @since 1.6
*/

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/stream/XMLResolver.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/HexDumpEncoder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/BASE64Encoder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/UCEncoder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/AWTError.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/applet/AppletThreadGroup.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/applet/AudioClip.java
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/**

```
* A class which enables secure communications using protocols such as
* the Secure Sockets Layer (SSL) or
* <A HREF="http://www.ietf.org/rfc/rfc2246.txt"> IETF RFC 2246 "Transport
* Layer Security" (TLS) </A> protocols, but is transport independent.
* <P>
* The secure communications modes include: <UL>
*
*      <LI> <em>Integrity Protection</em>.  SSL/TLS protects against
*      modification of messages by an active wiretapper.
*
*      <LI> <em>Authentication</em>.  In most modes, SSL/TLS provides
*      peer authentication.  Servers are usually authenticated, and
*      clients may be authenticated as requested by servers.
*
*      <LI> <em>Confidentiality (Privacy Protection)</em>.  In
 most
*      modes, SSL/TLS encrypts data being sent between client and
*      server.  This protects the confidentiality of data, so that
*      passive wiretappers won't see sensitive data such as financial
*      information or personal information of many kinds.
*
*      </UL>
*
* These kinds of protection are specified by a "cipher suite", which
* is a combination of cryptographic algorithms used by a given SSL
* connection.  During the negotiation process, the two endpoints must
* agree on a cipher suite that is available in both environments.  If
* there is no such suite in common, no SSL connection can be
* established, and no data can be exchanged.
* <P>
* The cipher suite used is established by a negotiation process called
* "handshaking".  The goal of this process is to create or rejoin a
* "session", which may protect many connections over time.  After
* handshaking has completed, you can access session attributes by
* using the {@link #getSession()} method.
 * <P>
* The <code>SSLSocket</code> class provides much of the same security
* functionality, but all of the inbound and outbound data is
* automatically transported using the underlying {@link
* java.net.Socket Socket}, which by design uses a blocking model.
* While this is appropriate for many applications, this model does not
* provide the scalability required by large servers.
* <P>
* The primary distinction of an <code>SSLEngine</code> is that it
* operates on inbound and outbound byte streams, independent of the
* transport mechanism.  It is the responsibility of the
* <code>SSLEngine</code> user to arrange for reliable I/O transport to
* the peer.  By separating the SSL/TLS abstraction from the I/O
```

```
* transport mechanism, the <code>SSLEngine</code> can be used for a
* wide variety of I/O types, such as {@link
* java.nio.channels.spi.AbstractSelectableChannel#configureBlocking(boolean)
* non-blocking I/O (polling)}, {@link java.nio.channels.Selector
* selectable
 non-blocking I/O}, {@link java.net.Socket Socket} and the
* traditional Input/OutputStreams, local {@link java.nio.ByteBuffer
* ByteBuffers} or byte arrays, <A
* HREF="http://www.jcp.org/en/jsr/detail?id=203"> future asynchronous
* I/O models </A>, and so on.
* <P>
* At a high level, the <code>SSLEngine</code> appears thus:
*
* <pre>
*                app data
*
*             |          ^
*             |    |     |
*             v    |     |
*         +----+-----|-----+----+
*         |         |         |
*         |      SSL|Engine    |
*   wrap() |         |         | unwrap()
*         | OUTBOUND | INBOUND  |
*         |         |         |
*         +----+-----|-----+----+
*             |    |     ^
*             |    |     |
*             v          |
*
*                net data
* </pre>
* Application data (also known as plaintext or cleartext) is data which
* is produced or consumed by an application.
  Its counterpart is
* network data, which consists of either handshaking and/or ciphertext
* (encrypted) data, and destined to be transported via an I/O
* mechanism.  Inbound data is data which has been received from the
* peer, and outbound data is destined for the peer.
* <P>
* (In the context of an <code>SSLEngine</code>, the term "handshake
* data" is taken to mean any data exchanged to establish and control a
* secure connection.  Handshake data includes the SSL/TLS messages
* "alert", "change_cipher_spec," and "handshake.")
* <P>
* There are five distinct phases to an <code>SSLEngine</code>.
*
* <OL>
```

```
*     <li> Creation - The <code>SSLEngine</code> has been created and
*     initialized, but has not yet been used.  During this phase, an
*     application may set any <code>SSLEngine</code>-specific settings
*     (enabled cipher suites, whether the <code>SSLEngine</code> should
*     handshake in client or server mode, and so on).  Once
*     handshaking has begun,
 though, any new settings (except
*     client/server mode, see below) will be used for
*     the next handshake.
*
*     <li> Initial Handshake - The initial handshake is a procedure by
*     which the two peers exchange communication parameters until an
*     SSLSession is established.  Application data can not be sent during
*     this phase.
*
*     <li> Application Data - Once the communication parameters have
*     been established and the handshake is complete, application data
*     may flow through the <code>SSLEngine</code>.  Outbound
*     application messages are encrypted and integrity protected,
*     and inbound messages reverse the process.
*
*     <li>  Rehandshaking - Either side may request a renegotiation of
*     the session at any time during the Application Data phase.  New
*     handshaking data can be intermixed among the application data.
*     Before starting the rehandshake phase, the application may
*     reset the SSL/TLS communication
 parameters such as the list of
*     enabled ciphersuites and whether to use client authentication,
*     but can not change between client/server modes.  As before, once
*     handshaking has begun, any new <code>SSLEngine</code>
*     configuration settings will not be used until the next
*     handshake.
*
*     <li>  Closure - When the connection is no longer needed, the
*     application should close the <code>SSLEngine</code> and should
*     send/receive any remaining messages to the peer before
*     closing the underlying transport mechanism.  Once an engine is
*     closed, it is not reusable:  a new <code>SSLEngine</code> must
*     be created.
* </OL>
* An <code>SSLEngine</code> is created by calling {@link
* SSLContext#createSSLEngine()} from an initialized
* <code>SSLContext</code>.  Any configuration
* parameters should be set before making the first call to
* <code>wrap()</code>, <code>unwrap()</code>, or
* <code>beginHandshake()</code>.  These methods
 all trigger the
* initial handshake.
```

```
* <P>
* Data moves through the engine by calling {@link #wrap(ByteBuffer,
* ByteBuffer) wrap()} or {@link #unwrap(ByteBuffer, ByteBuffer)
* unwrap()} on outbound or inbound data, respectively.  Depending on
* the state of the <code>SSLEngine</code>, a <code>wrap()</code> call
* may consume application data from the source buffer and may produce
* network data in the destination buffer.  The outbound data
* may contain application and/or handshake data.  A call to
* <code>unwrap()</code> will examine the source buffer and may
* advance the handshake if the data is handshaking information, or
* may place application data in the destination buffer if the data
* is application.  The state of the underlying SSL/TLS algorithm
* will determine when data is consumed and produced.
* <P>
* Calls to <code>wrap()</code> and <code>unwrap()</code> return an
* <code>SSLEngineResult</code> which indicates the status of the
* operation, and (optionally)
 how to interact with the engine to make
* progress.
* <P>
* The <code>SSLEngine</code> produces/consumes complete SSL/TLS
* packets only, and does not store application data internally between
* calls to <code>wrap()/unwrap()</code>.  Thus input and output
* <code>ByteBuffer</code>s must be sized appropriately to hold the
* maximum record that can be produced.  Calls to {@link
* SSLSession#getPacketBufferSize()} and {@link
* SSLSession#getApplicationBufferSize()} should be used to determine
* the appropriate buffer sizes.  The size of the outbound application
* data buffer generally does not matter.  If buffer conditions do not
* allow for the proper consumption/production of data, the application
* must determine (via {@link SSLEngineResult}) and correct the
* problem, and then try the call again.
* <P>
* For example, <code>unwrap()</code> will return a {@link
* SSLEngineResult.Status#BUFFER_OVERFLOW} result if the engine
* determines that there is not enough
 destination buffer space available.
* Applications should call {@link SSLSession#getApplicationBufferSize()}
* and compare that value with the space available in the destination buffer,
* enlarging the buffer if necessary.  Similarly, if <code>unwrap()</code>
* were to return a {@link SSLEngineResult.Status#BUFFER_UNDERFLOW}, the
* application should call {@link SSLSession#getPacketBufferSize()} to ensure
* that the source buffer has enough room to hold a record (enlarging if
* necessary), and then obtain more inbound data.
*
* <pre>{@code
*   SSLEngineResult r = engine.unwrap(src, dst);
*   switch (r.getStatus()) {
```

```
*   BUFFER_OVERFLOW:
*       // Could attempt to drain the dst buffer of any already obtained
*       // data, but we'll just increase it to the size needed.
*       int appSize = engine.getSession().getApplicationBufferSize();
*       ByteBuffer b = ByteBuffer.allocate(appSize + dst.position());
*       dst.flip();
*       b.put(dst);
*       dst =
 b;
*       // retry the operation.
*       break;
*   BUFFER_UNDERFLOW:
*       int netSize = engine.getSession().getPacketBufferSize();
*       // Resize buffer if needed.
*       if (netSize > dst.capacity()) {
*           ByteBuffer b = ByteBuffer.allocate(netSize);
*           src.flip();
*           b.put(src);
*           src = b;
*       }
*       // Obtain more inbound network data for src,
*       // then retry the operation.
*       break;
*   // other cases: CLOSED, OK.
*   }
* }</pre>
*
* <P>
* Unlike <code>SSLSocket</code>, all methods of SSLEngine are
* non-blocking.  <code>SSLEngine</code> implementations may
* require the results of tasks that may take an extended period of
* time to complete, or may even block.  For example, a TrustManager
* may need to connect to a remote certificate validation service,
* or a KeyManager might need to prompt a user to determine which
* certificate to use as part of client authentication.  Additionally,
* creating
 cryptographic signatures and verifying them can be slow,
* seemingly blocking.
* <P>
* For any operation which may potentially block, the
* <code>SSLEngine</code> will create a {@link java.lang.Runnable}
* delegated task.  When <code>SSLEngineResult</code> indicates that a
* delegated task result is needed, the application must call {@link
* #getDelegatedTask()} to obtain an outstanding delegated task and
* call its {@link java.lang.Runnable#run() run()} method (possibly using
* a different thread depending on the compute strategy).  The
* application should continue obtaining delegated tasks until no more
* exist, and try the original operation again.
```

```
* <P>
* At the end of a communication session, applications should properly
* close the SSL/TLS link.  The SSL/TLS protocols have closure handshake
* messages, and these messages should be communicated to the peer
* before releasing the <code>SSLEngine</code> and closing the
* underlying transport mechanism.  A close
 can be initiated by one of:
* an SSLException, an inbound closure handshake message, or one of the
* close methods.  In all cases, closure handshake messages are
* generated by the engine, and <code>wrap()</code> should be repeatedly
* called until the resulting <code>SSLEngineResult</code>'s status
* returns "CLOSED", or {@link #isOutboundDone()} returns true.  All
* data obtained from the <code>wrap()</code> method should be sent to the
* peer.
* <P>
* {@link #closeOutbound()} is used to signal the engine that the
* application will not be sending any more data.
* <P>
* A peer will signal its intent to close by sending its own closure
* handshake message.  After this message has been received and
* processed by the local <code>SSLEngine</code>'s <code>unwrap()</code>
* call, the application can detect the close by calling
* <code>unwrap()</code> and looking for a <code>SSLEngineResult</code>
* with status "CLOSED", or if {@link #isInboundDone()} returns true.
* If
 for some reason the peer closes the communication link without
* sending the proper SSL/TLS closure message, the application can
* detect the end-of-stream and can signal the engine via {@link
* #closeInbound()} that there will no more inbound messages to
* process.  Some applications might choose to require orderly shutdown
* messages from a peer, in which case they can check that the closure
* was generated by a handshake message and not by an end-of-stream
* condition.
* <P>
* There are two groups of cipher suites which you will need to know
* about when managing cipher suites:
*
* <UL>
*     <LI> <em>Supported</em> cipher suites:  all the suites which are
*     supported by the SSL implementation.  This list is reported
*     using {@link #getSupportedCipherSuites()}.
*
*     <LI> <em>Enabled</em> cipher suites, which may be fewer than
*     the full set of supported suites.  This group is set using the
*     {@link #setEnabledCipherSuites(String [])} method,
 and
*     queried using the {@link #getEnabledCipherSuites()} method.
*     Initially, a default set of cipher suites will be enabled on a
```

```
*      new engine that represents the minimum suggested
*      configuration.
* </UL>
*
* Implementation defaults require that only cipher suites which
* authenticate servers and provide confidentiality be enabled by
* default.  Only if both sides explicitly agree to unauthenticated
* and/or non-private (unencrypted) communications will such a
* cipher suite be selected.
* <P>
* Each SSL/TLS connection must have one client and one server, thus
* each endpoint must decide which role to assume.  This choice determines
* who begins the handshaking process as well as which type of messages
* should be sent by each party.  The method {@link
* #setUseClientMode(boolean)} configures the mode.  Once the initial
* handshaking has started, an <code>SSLEngine</code> can not switch
* between client and server modes, even when performing
 renegotiations.
* <P>
* Applications might choose to process delegated tasks in different
* threads.  When an <code>SSLEngine</code>
* is created, the current {@link java.security.AccessControlContext}
* is saved.  All future delegated tasks will be processed using this
* context:  that is, all access control decisions will be made using the
* context captured at engine creation.
*
* <HR>
*
* <B>Concurrency Notes</B>:
* There are two concurrency issues to be aware of:
*
* <OL>
*      <li>The <code>wrap()</code> and <code>unwrap()</code> methods
*      may execute concurrently of each other.
*
*      <li> The SSL/TLS protocols employ ordered packets.
*      Applications must take care to ensure that generated packets
*      are delivered in sequence.  If packets arrive
*      out-of-order, unexpected or fatal results may occur.
* <P>
*      For example:
*
*      <pre>
*            synchronized (outboundLock) {
*                sslEngine.wrap(src, dst);
 *                outboundQueue.put(dst);
*            }
*      </pre>
```

```
*
*     As a corollary, two threads must not attempt to call the same method
*     (either <code>wrap()</code> or <code>unwrap()</code>) concurrently,
*     because there is no way to guarantee the eventual packet ordering.
* </OL>
*
* @see SSLContext
* @see SSLSocket
* @see SSLServerSocket
* @see SSLSession
* @see java.net.Socket
*
* @since 1.5
* @author Brad R. Wetmore
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/net/ssl/SSLEngine.java
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* or visit www.oracle.com if you need additional information or have any
* questions.
*/
/**
* Java-specific class for dynamically loading SAX parsers.
*
```

```
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p><strong>Note:</strong> This class is designed to work with the now-deprecated
* SAX1 {@link org.xml.sax.Parser Parser} class.  SAX2 applications should use
* {@link org.xml.sax.helpers.XMLReaderFactory XMLReaderFactory} instead.</p>
*
* <p>ParserFactory is not part of the platform-independent definition
* of SAX; it is an additional convenience class designed
* specifically
 for Java XML application writers.  SAX applications
* can use the static methods in this class to allocate a SAX parser
* dynamically at run-time based either on the value of the
* `org.xml.sax.parser' system property or on a string containing the class
* name.</p>
*
* <p>Note that the application still requires an XML parser that
* implements SAX1.</p>
*
* @deprecated This class works with the deprecated
*            {@link org.xml.sax.Parser Parser}
*            interface.
* @since SAX 1.0
* @author David Megginson
* @version 2.0.1 (sax2r2)
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/xml/sax/helpers/ParserFactory.java
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```
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*/
/*
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*/
/**
*
* This is the top level interface for writing XML documents.
*
* Instances of this interface are not required to validate the
* form of the XML.
*
* @version 1.0
* @author Copyright (c) 2009 by Oracle Corporation. All Rights Reserved.
* @see XMLEventReader
* @see javax.xml.stream.events.XMLEvent
* @see javax.xml.stream.events.Characters
* @see javax.xml.stream.events.ProcessingInstruction
* @see javax.xml.stream.events.StartElement
* @see javax.xml.stream.events.EndElement
* @since 1.6
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/stream/XMLEventWriter.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/util/locale/provider/JRELocaleConstants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/cert/CertPathChecker.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/crypto/provider/PBES2Parameters.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/net/ssl/SNIServerName.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/internal/util/xml/impl/Pair.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/ws/runtime/config/TubelineMapping.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/locale/LocaleMatcher.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/ws/runtime/config/MetroConfig.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/spi/XmlPropertiesProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/Length.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/MagicFileTypeDetector.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/ChangeListenerMap.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/net/ssl/StandardConstants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/invoke/DontInline.java
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/internal/util/xml/SAXParser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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zip/sun/util/locale/provider/AvailableLanguageTags.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/com/sun/xml/internal/ws/runtime/config/package-info.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/oracle/xmlns/internal/webservices/jaxws_databinding/XmlWebServiceRef.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/launcher/java_md_common.c
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/TimedWindowEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/oracle/xmlns/internal/webservices/jaxws_databinding/XmlWebServiceProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/util/locale/provider/SPILocaleProviderAdapter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/util/spi/ResourceBundleControlProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/oracle/xmlns/internal/webservices/jaxws_databinding/XmlWebEndpoint.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/oracle/xmlns/internal/webservices/jaxws_databinding/XmlWebResult.java
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/jdk/internal/util/xml/impl/XMLWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/ws/client/sei/StubAsyncHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/doclets/internal/toolkit/util/DocLink.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/oracle/xmlns/internal/webservices/jaxws_databinding/XmlAction.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/ClassLoaderHelper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/oracle/xmlns/internal/webservices/jaxws_databinding/XmlWebService.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/invoke/ForceInline.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/oracle/xmlns/internal/webservices/jaxws_databinding/JavaParam.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/oracle/xmlns/internal/webservices/jaxws_databinding/SoapBindingUse.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/nio/ch/BsdAsynchronousChannelProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/pept/ept/EPTFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/jgss/wrapper/Krb5Util.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/imageio/plugins/common/LZWStringTable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/swing/plaf/windows/ClassicSortArrowIcon.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/pept/encoding/Encoder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/SwingHeavyWeight.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/java2d/loops/DrawGlyphListLCD.java

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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/pept/protocol/Interceptors.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/pept/presentation/Stub.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/jgss/GSSToken.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/event/IgnorePaintEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XPropertyCache.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/pept/ept/Acceptor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/stream/events/EndElementEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/pept/presentation/Tie.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/httpserver/HttpServerImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/xml/crypto/dsig/spec/HMACParameterSpec.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/FileKey.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/swing/text/CompoundPrintable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/sql/StatementEventListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/xpath/SecuritySupport.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/pipe/RenderQueue.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/xml/crypto/dsig/spec/SignatureMethodParameterSpec.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/UTF_32LE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/AWTCharset.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/Normalizer.java
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*/
/**
    * Returns an array containing all of the elements in this queue, in
    * proper sequence.
    *
    * <p>The returned array will be "safe" in that no references to it are
    * maintained by this queue.  (In other words, this method must allocate
    * a new array).  The caller is thus free to modify the returned array.
    *
    * <p>This method acts as
 bridge between array-based and collection-based
    * APIs.
    *
    * @return an array containing all of the elements in this queue
    */
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/LinkedBlockingQueue.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/InterfaceTypeImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/metal/MetalFileChooserUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/crypto/spec/SecretKeySpec.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/NetscapeCertTypeExtension.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/launcher/java.h
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/metal/MetalBorders.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/ObjectReferenceImpl.java
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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/launcher/java_md_solinux.c
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*/
/**
* An engine that performs match operations on a {@linkplain java.lang.CharSequence
* character sequence} by interpreting a {@link Pattern}.
*
* <p> A matcher is created from a pattern by invoking the pattern's {@link
* Pattern#matcher matcher} method.  Once created, a matcher can be used to
* perform three different kinds of match operations:
*
* <ul>
*
*   <li><p> The {@link #matches matches} method attempts to match the entire
*   input sequence against the pattern.  </p></li>
*
*   <li><p> The {@link #lookingAt lookingAt} method attempts to match the
*   input sequence, starting at the beginning, against the pattern.  </p></li>
*
*   <li><p> The {@link #find find} method scans the input
 sequence looking for
*   the next subsequence that matches the pattern.  </p></li>
*
* </ul>
*
* <p> Each of these methods returns a boolean indicating success or failure.
* More information about a successful match can be obtained by querying the
* state of the matcher.
*
* <p> A matcher finds matches in a subset of its input called the
* <i>region</i>. By default, the region contains all of the matcher's input.
* The region can be modified via the{@link #region region} method and queried
```

```
* via the {@link #regionStart regionStart} and {@link #regionEnd regionEnd}
* methods. The way that the region boundaries interact with some pattern
* constructs can be changed. See {@link #useAnchoringBounds
* useAnchoringBounds} and {@link #useTransparentBounds useTransparentBounds}
* for more details.
*
* <p> This class also defines methods for replacing matched subsequences with
* new strings whose contents can, if desired, be computed from the match
* result.  The {@link #appendReplacement
 appendReplacement} and {@link
* #appendTail appendTail} methods can be used in tandem in order to collect
* the result into an existing string buffer, or the more convenient {@link
* #replaceAll replaceAll} method can be used to create a string in which every
* matching subsequence in the input sequence is replaced.
*
* <p> The explicit state of a matcher includes the start and end indices of
* the most recent successful match.  It also includes the start and end
* indices of the input subsequence captured by each <a
* href="Pattern.html#cg">capturing group</a> in the pattern as well as a total
* count of such subsequences.  As a convenience, methods are also provided for
* returning these captured subsequences in string form.
*
* <p> The explicit state of a matcher is initially undefined; attempting to
* query any part of it before a successful match will cause an {@link
* IllegalStateException} to be thrown.  The explicit state of a matcher is
* recomputed
 by every match operation.
*
* <p> The implicit state of a matcher includes the input character sequence as
* well as the <i>append position</i>, which is initially zero and is updated
* by the {@link #appendReplacement appendReplacement} method.
*
* <p> A matcher may be reset explicitly by invoking its {@link #reset()}
* method or, if a new input sequence is desired, its {@link
* #reset(java.lang.CharSequence) reset(CharSequence)} method.  Resetting a
* matcher discards its explicit state information and sets the append position
* to zero.
*
* <p> Instances of this class are not safe for use by multiple concurrent
* threads. </p>
*
*
* @author      Mike McCloskey
* @author      Mark Reinhold
* @author      JSR-51 Expert Group
* @since       1.4
* @spec        JSR-51
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/time/chrono/ThaiBuddhistDate.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/chrono/HijrahDate.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/temporal/ChronoUnit.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/text/html/parser/TagElement.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/Conditional.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/geom/Edge.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/geom/CurveLink.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/event/CaretListener.java

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zip/javax/management/NotificationFilterSupport.java
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zip/javax/management/ClassAttributeValueExp.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/lang/reflect/UndeclaredThrowableException.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/accessibility/AccessibleRelation.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/RootPaneUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/AttributeChangeNotificationFilter.java
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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/InvalidApplicationException.java

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/applet/AppletEvent.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/pipe/ShapeDrawPipe.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/XMLNSDocumentScannerImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/wrapper/CK_TLS12_KEY_MAT_PARAMS.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/wrapper/CK_TLS_MAC_PARAMS.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/wrapper/CK_TLS12_MASTER_KEY_DERIVE_PARAMS.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/Window.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/smtp/SmtpClient.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/Toolkit.java
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/**
* SAX2 extension handler for DTD declaration events.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This is an optional extension handler for SAX2 to provide more
* complete information about DTD declarations in an XML document.
* XML readers are not required to recognize this handler, and it
* is not part of core-only SAX2 distributions.</p>
*
* <p>Note that data-related DTD declarations (unparsed entities and
* notations) are already reported
 through the {@link
* org.xml.sax.DTDHandler DTDHandler} interface.</p>
*
* <p>If you are using the declaration handler together with a lexical
* handler, all of the events will occur between the
* {@link org.xml.sax.ext.LexicalHandler#startDTD startDTD} and the
* {@link org.xml.sax.ext.LexicalHandler#endDTD endDTD} events.</p>
*
* <p>To set the DeclHandler for an XML reader, use the
* {@link org.xml.sax.XMLReader#setProperty setProperty} method
* with the property name
* <code>http://xml.org/sax/properties/declaration-handler</code>
* and an object implementing this interface (or null) as the value.
* If the reader does not report declaration events, it will throw a
* {@link org.xml.sax.SAXNotRecognizedException SAXNotRecognizedException}
* when you attempt to register the handler.</p>
*
* @since SAX 2.0 (extensions 1.0)
* @author David Megginson
*/
```

Found in path(s):
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*/
// Proprietary, built in functions
/**
   *
 current function string (Proprietary).
   */
```

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/**
* This class extends <code>Socket</code>s and provides secure
* socket using protocols such as the "Secure
* Sockets Layer" (SSL) or IETF "Transport Layer Security" (TLS) protocols.
* <P>
* Such sockets are normal stream sockets, but they
* add a layer of security protections over the underlying network transport
* protocol, such as TCP.  Those protections include: <UL>
*
*     <LI> <em>Integrity Protection</em>.  SSL protects against
*     modification of messages by an active wiretapper.
*
*     <LI> <em>Authentication</em>.  In most modes, SSL provides
*     peer authentication.  Servers are usually authenticated,
*     and clients may be authenticated as requested by servers.
*
*
    <LI> <em>Confidentiality (Privacy Protection)</em>.  In most
*     modes, SSL encrypts data being sent between client and server.
*     This protects the confidentiality of data, so that passive
*     wiretappers won't see sensitive data such as financial
*     information or personal information of many kinds.
*
*     </UL>
*
* <P>These kinds of protection are specified by a "cipher suite", which
* is a combination of cryptographic algorithms used by a given SSL connection.
* During the negotiation process, the two endpoints must agree on
* a ciphersuite that is available in both environments.
* If there is no such suite in common, no SSL connection can
* be established, and no data can be exchanged.
*
* <P> The cipher suite used is established by a negotiation process
* called "handshaking".  The goal of this
* process is to create or rejoin a "session", which may protect many
* connections over time.  After handshaking has completed, you can access
* session
 attributes by using the <em>getSession</em> method.
* The initial handshake on this connection can be initiated in
```

```
* one of three ways: <UL>
*
*     <LI> calling <code>startHandshake</code> which explicitly
*          begins handshakes, or
*     <LI> any attempt to read or write application data on
*          this socket causes an implicit handshake, or
*     <LI> a call to <code>getSession</code> tries to set up a session
*          if there is no currently valid session, and
*          an implicit handshake is done.
* </UL>
*
* <P>If handshaking fails for any reason, the <code>SSLSocket</code>
* is closed, and no further communications can be done.
*
* <P>There are two groups of cipher suites which you will need to know
* about when managing cipher suites: <UL>
*
*     <LI> <em>Supported</em> cipher suites:  all the suites which are
*     supported by the SSL implementation.  This list is reported
*     using <em>getSupportedCipherSuites</em>.
 *
*     <LI> <em>Enabled</em> cipher suites, which may be fewer
*     than the full set of supported suites.  This group is
*     set using the <em>setEnabledCipherSuites</em> method, and
*     queried using the <em>getEnabledCipherSuites</em> method.
*     Initially, a default set of cipher suites will be enabled on
*     a new socket that represents the minimum suggested configuration.
*
*     </UL>
*
* <P> Implementation defaults require that only cipher
* suites which authenticate servers and provide confidentiality
* be enabled by default.
* Only if both sides explicitly agree to unauthenticated and/or
* non-private (unencrypted) communications will such a ciphersuite be
* selected.
*
* <P>When <code>SSLSocket</code>s are first created, no handshaking
* is done so that applications may first set their communication
* preferences:  what cipher suites to use, whether the socket should be
* in client or server mode, etc.
* However, security is always
 provided by the time that application data
* is sent over the connection.
*
* <P> You may register to receive event notification of handshake
* completion.  This involves
* the use of two additional classes.  <em>HandshakeCompletedEvent</em>
```

```
* objects are passed to <em>HandshakeCompletedListener</em> instances,
* which are registered by users of this API.
*
* <code>SSLSocket</code>s are created by <code>SSLSocketFactory</code>s,
* or by <code>accept</code>ing a connection from a
* <code>SSLServerSocket</code>.
*
* <P>A SSL socket must choose to operate in the client or server mode.
* This will determine who begins the handshaking process, as well
* as which messages should be sent by each party.  Each
* connection must have one client and one server, or handshaking
* will not progress properly.  Once the initial handshaking has started, a
* socket can not switch between client and server modes, even when
* performing renegotiations.
*
* @see java.net.Socket
*
 @see SSLServerSocket
* @see SSLSocketFactory
*
* @since 1.4
* @author David Brownell
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/FilenameFilter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/Node.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/FieldExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/CRC16.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/PushbackInputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/ByteArrayInputStream.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/Math.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/net/www/content/image/x_xpixmap.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/TelnetOutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/java/ClassDeclaration.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/asm/Assembler.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/ClassCastException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/InputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/Double.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/asm/TryData.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/java/BinaryConstantPool.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/String.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/Integer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/BufferedInputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/java/MemberDefinition.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/FileOutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/System.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/File.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/Long.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/ByteArrayOutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/RandomAccessFile.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/Boolean.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/Date.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/asm/ConstantPool.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/ExprExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/Runnable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/FileInputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/sun/net/www/content/image/x_xbitmap.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/StringBuffer.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/asm/Instruction.java
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zip/com/sun/org/apache/xerces/internal/impl/dtd/XML11DTDProcessor.java
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jarsigner/package-info.java
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/Object.java
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*/
/**
    * Constructs a new {@link LocalVariableAnnotationNode}. <i>Subclasses must
    * not use this constructor</i>. Instead, they must use the
    * {@link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)}
    * version.
    *
    * @param typeRef
    *          a reference to the annotated type. See {@link TypeReference}.
    * @param typePath
    *          the path to the annotated type argument, wildcard bound, array
    *          element type, or static inner type within 'typeRef'. May be
    *          <tt>null</tt> if the annotation targets 'typeRef' as a whole.
    * @param start
    *          the fist instructions corresponding to the continuous ranges
```

```
   *          that make the scope of this local variable (inclusive).
   * @param end
   *          the last instructions corresponding to the continuous ranges

  *          that make the scope of this local variable (exclusive). This
   *          array must have the same size as the 'start' array.
   * @param index
   *          the local variable's index in each range. This array must have
   *          the same size as the 'start' array.
   * @param desc
   *          the class descriptor of the annotation class.
   */
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/internal/org/objectweb/asm/tree/LocalVariableAnnotationNode.java
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/P11RSACipher.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/com/sun/tools/jdi/GenericListeningConnector.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/imageio/plugins/bmp/BMPImageReader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/pkcs11/P11KeyAgreement.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/crypto/provider/RSACipher.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/P11Cipher.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/pkcs11/P11DSAKeyFactory.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/pkcs11/P11DHKeyFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/P11KeyStore.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/pkcs11/P11SecretKeyFactory.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/util/URI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/dom/RangeImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xml/internal/utils/XML11Char.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/parsers/XMLGrammarParser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/xs/traversers/XSDocumentInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xml/internal/serialize/DOMSerializerImpl.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/dv/xs/AbstractDateTimeDV.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/dtd/XMLDTDValidator.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/Recording.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/tool/Help.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/tool/XMLWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/ASMToolkit.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/SettingDefinition.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/management/jfr/FlightRecorderMXBeanImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/consumer/TimeConverter.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/Timestamp.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/consumer/EventParser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/Options.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/tool/Print.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/management/jfr/Stream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/JVMSupport.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/DataAmount.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/Type.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/Control.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/MetadataWriter.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/MetadataRepository.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/ShutdownHook.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/consumer/RecordedEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/EventSettings.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/Registered.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/consumer/Parser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/tool/JSONWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/jdk/jfr/internal/handlers/EventHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/jdk/jfr/internal/consumer/RecordingInput.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/Enabled.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/FlightRecorderPermission.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/RequestEngine.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/Threshold.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/jdk/jfr/internal/jfc/JFCParserHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/TransitionTo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/jdk/management/jfr/ConfigurationInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/consumer/RecordedClass.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/consumer/ObjectFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/MetadataDefinition.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/tool/Disassemble.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/FlightRecorder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/events/AbstractJDKEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/SettingsManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/Timespan.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/jdk/management/jfr/EventTypeInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/Category.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/LogLevel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/EventWriterMethod.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/LogTag.java
*
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/jdk/jfr/internal/settings/EnabledSetting.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/jdk/jfr/internal/settings/BooleanValue.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/package-info.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/tool/Assemble.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/FlightRecorderListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/tool/Main.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/PlatformRecorder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/ContentType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/WriteableUserPath.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/jdk/jfr/internal/instrument/JDKEvents.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/jfc/JFC.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/jdk/jfr/consumer/RecordedStackTrace.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/jdk/jfr/internal/settings/StackTraceSetting.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/Bits.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/consumer/RecordedMethod.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/AnnotationElement.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/jdk/management/jfr/SettingDescriptorInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/Experimental.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/EventControl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/BooleanFlag.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/Description.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/SecuritySupport.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/Frequency.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/ValueDescriptor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/MetadataHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/tool/PrettyWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/MetadataReader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/jdk/jfr/internal/consumer/ChunkHeader.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/Name.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/Utils.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/tool/Summary.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/JVMUpcalls.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/consumer/RecordedObject.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/EventFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/PlatformRecording.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/jdk/management/jfr/StreamCleanupTask.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/consumer/ConstantMap.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/Period.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/management/jfr/MBeanUtils.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/Event.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/consumer/RecordingFile.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/management/jfr/FlightRecorderMXBean.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/management/jfr/RecordingInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/RecordingState.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/EventClassBuilder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/SettingDescriptor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/Logger.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/PrivateAccess.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/AnnotationConstruct.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/Unsigned.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/settings/PeriodSetting.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/management/jfr/Stringifier.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/EventType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/Label.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/Relational.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/EventHandlerCreator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/management/ManagementSupport.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/TransitionFrom.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/consumer/LongMap.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/events/ActiveSettingEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/MemoryAddress.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/consumer/RecordedClassLoader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/consumer/ParserFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/Cutoff.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/consumer/RecordedThread.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/SettingControl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/tool/StructuredWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/TypeLibrary.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/StackTrace.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/MetadataDescriptor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/management/jfr/StreamManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/settings/ThresholdSetting.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/Percentage.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/events/ActiveRecordingEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/Configuration.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/jdk/jfr/consumer/RecordedThreadGroup.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/consumer/ChunkParser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/EventWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/jdk/jfr/internal/EventInstrumentation.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/jdk/management/jfr/internal/FlightRecorderMXBeanProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/jdk/jfr/internal/dcmd/DCmdConfigure.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/consumer/RecordedFrame.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/SnmpPduFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/agent/SnmpMibHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/BlowfishCrypt.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/BlowfishConstants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/pipe/SpanShapeRenderer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/SnmpTooBigException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/crypto/MacSpi.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/SnmpPduRequest.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/www/ParseUtil.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/pipe/ShapeSpanIterator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/agent/SnmpTableEntryNotification.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/PrivateKeyInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/SnmpMessage.java
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/**
   * SAAJ Issue 46 :https://saaj.dev.java.net/issues/show_bug.cgi?id=46
   * Xerces does not provide a way to reset the SymbolTable
   * So we are trying to reset it using the proprietary code below.
   * Temporary Until the bug : https://jaxp.dev.java.net/issues/show_bug.cgi?id=59
   * is fixed.
   * @param parser the parser from the pool whose Symbol Table needs to be reset.
   */
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/image/ImageAccessException.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/image/ImageFormatException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/RegexpTarget.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/image/BadDepthException.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/applet/AppletProps.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/SecurityException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/java/BinaryExceptionHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/image/ImageDecoder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/internal/iiop/ORB.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/asm/ArrayData.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/java/ScannerInputReader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/peer/MenuComponentPeer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/asm/LocalVariableTable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/java/BinaryCode.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/applet/AppletAudioClip.java

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/annotation/AnnotationFormatError.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/NetProperties.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/MemoryNotifInfoCompositeData.java
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No license file was found, but licenses were detected in source scan.

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/annotation/processing/Filer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/httpserver/Code.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/nimbus/TextAreaNotInScrollPaneState.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/nimbus/InternalFrameTitlePaneMaximizeButtonWindowMaximizedState.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/nimbus/ButtonPainter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/nimbus/TextAreaPainter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/XMLStreamFilterImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/nimbus/RadioButtonMenuItemPainter.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/httpserver/HttpExchangeImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/nimbus/ScrollBarTrackPainter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/nimbus/TextPanePainter.java
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zip/com/sun/java/accessibility/util/AWTEventMonitor.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/accessibility/util/GUIInitializedListener.java
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* @since 1.6
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/datatype/DatatypeConfigurationException.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/WindowIDProvider.java
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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/font/AttributeMap.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xpath/internal/domapi/XPathStylesheetDOM3Exception.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/xpath/XPathNSResolver.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/xpath/XPathException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/xpath/XPathResult.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/xpath/XPathNamespace.java

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/crypto/spec/RC2ParameterSpec.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/relaxng/datatype/ValidationContext.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/relaxng/datatype/DatatypeLibrary.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/relaxng/datatype/DatatypeStreamingValidator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/relaxng/datatype/DatatypeException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/relaxng/datatype/DatatypeLibraryFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/relaxng/datatype/DatatypeBuilder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/org/relaxng/datatype/helpers/StreamingValidatorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/relaxng/datatype/helpers/DatatypeLibraryLoader.java
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zip/java/time/chrono/ChronoPeriodImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/Stroke.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/Environment.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/zip/Checksum.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/EventListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/ObjectInputValidation.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/zip/CheckedOutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/ExceptionList.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/event/AdjustmentListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/NamedValue.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/acl/PermissionImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/Request.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/ContextList.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/dgc/DGC.java
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* questions.
*/
/**
* This class implements a proprietary password-based encryption algorithm.
* It is based on password-based encryption as defined by the PKCS #5
* standard, except that is uses triple DES instead of DES.
*
* Here's how this algorithm works:
*

```
* 1. Create random salt and split it in two halves. If the two halves are
*    identical, invert one of them.
* 2. Concatenate password with each of the halves.
* 3. Digest each concatenation with c iterations, where c is the
*    iterationCount. Concatenate the output from each digest round with the
*    password, and use the result as the input to the next digest operation.
*    The digest algorithm is MD5.
* 4. After c iterations, use the 2 resulting
 digests as follows:
*    The 16 bytes of the first digest and the 1st 8 bytes of the 2nd digest
*    form the triple DES key, and the last 8 bytes of the 2nd digest form the
*    IV.
*
* @author Jan Luehe
* @see javax.crypto.Cipher
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/PBEWithMD5AndTripleDESCipher.java
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* questions.
*/
// NO WARRANTY!  This class is in the public domain.
```

```
/**
* Adapt a SAX1 Parser as a SAX2 XMLReader.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This class wraps a SAX1 {@link org.xml.sax.Parser Parser}
* and makes it act as a SAX2 {@link org.xml.sax.XMLReader XMLReader},
* with feature, property, and Namespace support.  Note
* that it is not possible to report {@link org.xml.sax.ContentHandler#skippedEntity
* skippedEntity} events, since SAX1 does not make that information
 available.</p>
*
* <p>This adapter does not test for duplicate Namespace-qualified
* attribute names.</p>
*
* @since SAX 2.0
* @author David Megginson
* @version 2.0.1 (sax2r2)
* @see org.xml.sax.helpers.XMLReaderAdapter
* @see org.xml.sax.XMLReader
* @see org.xml.sax.Parser
*/
/**
   * Adapt a SAX1 AttributeList as a SAX2 Attributes object.
   *
   * <p>This class is in the Public Domain, and comes with NO
   * WARRANTY of any kind.</p>
   *
   * <p>This wrapper class is used only when Namespace support
   * is disabled -- it provides pretty much a direct mapping
   * from SAX1 to SAX2, except that names and types are
   * interned whenever requested.</p>
   */
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/xml/sax/helpers/ParserAdapter.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/ObjectOutput.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/PlatformFont.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/DerOutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/ObjectInput.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/orbutil/LegacyHookGetFields.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/ior/ByteBuffer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/ior/ObjectAdapterIdNumber.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/swing/plaf/windows/WindowsPopupWindow.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/metal/MetalHighContrastTheme.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/ChannelInputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/orbutil/LegacyHookPutFields.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/orbutil/concurrent/SyncUtil.java
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*/
/**
* This class is for security permissions.
* A SecurityPermission contains a name (also referred to as a "target name")
* but no actions list; you either have the named permission
* or you don't.
* <P>
* The target name is the name of a security configuration parameter (see below).
* Currently the SecurityPermission object is used to guard access
* to the Policy, Security, Provider, Signer, and Identity
* objects.
* <P>
```

```
* The following table lists all the possible SecurityPermission target names,
* and for each provides a description of what the permission allows
* and a discussion of the risks of granting code the permission.
*
* <table border=1 cellpadding=5 summary="target name,what the
 permission allows, and associated risks">
* <tr>
* <th>Permission Target Name</th>
* <th>What the Permission Allows</th>
* <th>Risks of Allowing this Permission</th>
* </tr>
*
* <tr>
*   <td>createAccessControlContext</td>
*   <td>Creation of an AccessControlContext</td>
*   <td>This allows someone to instantiate an AccessControlContext
* with a {@code DomainCombiner}.  Extreme care must be taken when
* granting this permission. Malicious code could create a DomainCombiner
* that augments the set of permissions granted to code, and even grant the
* code {@link java.security.AllPermission}.</td>
* </tr>
*
* <tr>
*   <td>getDomainCombiner</td>
*   <td>Retrieval of an AccessControlContext's DomainCombiner</td>
*   <td>This allows someone to retrieve an AccessControlContext's
* {@code DomainCombiner}.  Since DomainCombiners may contain
* sensitive information, this could potentially lead to a privacy leak.</td>
* </tr>
*
* <tr>
*   <td>getPolicy</td>
*   <td>Retrieval
 of the system-wide security policy (specifically, of the
* currently-installed Policy object)</td>
*   <td>This allows someone to query the policy via the
* {@code getPermissions} call,
* which discloses which permissions would be granted to a given CodeSource.
* While revealing the policy does not compromise the security of
* the system, it does provide malicious code with additional information
* which it may use to better aim an attack. It is wise
* not to divulge more information than necessary.</td>
* </tr>
*
* <tr>
*   <td>setPolicy</td>
*   <td>Setting of the system-wide security policy (specifically,
* the Policy object)</td>
```

```
*   <td>Granting this permission is extremely dangerous, as malicious
* code may grant itself all the necessary permissions it needs
* to successfully mount an attack on the system.</td>
* </tr>
*
* <tr>
*   <td>createPolicy.{policy type}</td>
*   <td>Getting an instance of a Policy implementation from a provider</td>
*   <td>Granting
 this permission enables code to obtain a Policy object.
* Malicious code may query the Policy object to determine what permissions
* have been granted to code other than itself. </td>
* </tr>
*
* <tr>
*   <td>getProperty.{key}</td>
*   <td>Retrieval of the security property with the specified key</td>
*   <td>Depending on the particular key for which access has
* been granted, the code may have access to the list of security
* providers, as well as the location of the system-wide and user
* security policies.  while revealing this information does not
* compromise the security of the system, it does provide malicious
* code with additional information which it may use to better aim
* an attack.
</td>
* </tr>
*
* <tr>
*   <td>setProperty.{key}</td>
*   <td>Setting of the security property with the specified key</td>
*   <td>This could include setting a security provider or defining
* the location of the system-wide security policy.  Malicious
* code that has
 permission to set a new security provider may
* set a rogue provider that steals confidential information such
* as cryptographic private keys. In addition, malicious code with
* permission to set the location of the system-wide security policy
* may point it to a security policy that grants the attacker
* all the necessary permissions it requires to successfully mount
* an attack on the system.
</td>
* </tr>
*
* <tr>
*   <td>insertProvider</td>
*   <td>Addition of a new provider</td>
*   <td>This would allow somebody to introduce a possibly
* malicious provider (e.g., one that discloses the private keys passed
```

```
* to it) as the highest-priority provider. This would be possible
* because the Security object (which manages the installed providers)
* currently does not check the integrity or authenticity of a provider
* before attaching it. The "insertProvider" permission subsumes the
* "insertProvider.{provider name}" permission (see the section below for
* more information).
 * </td>
* </tr>
*
* <tr>
*   <td>removeProvider.{provider name}</td>
*   <td>Removal of the specified provider</td>
*   <td>This may change the behavior or disable execution of other
* parts of the program. If a provider subsequently requested by the
* program has been removed, execution may fail. Also, if the removed
* provider is not explicitly requested by the rest of the program, but
* it would normally be the provider chosen when a cryptography service
* is requested (due to its previous order in the list of providers),
* a different provider will be chosen instead, or no suitable provider
* will be found, thereby resulting in program failure.</td>
* </tr>
*
* <tr>
*   <td>clearProviderProperties.{provider name}</td>
*   <td>"Clearing" of a Provider so that it no longer contains the properties
* used to look up services implemented by the provider</td>
*   <td>This disables the lookup of services implemented by the provider.
* This may thus change the
 behavior or disable execution of other
* parts of the program that would normally utilize the Provider, as
* described under the "removeProvider.{provider name}" permission.</td>
* </tr>
*
* <tr>
*   <td>putProviderProperty.{provider name}</td>
*   <td>Setting of properties for the specified Provider</td>
*   <td>The provider properties each specify the name and location
* of a particular service implemented by the provider. By granting
* this permission, you let code replace the service specification
* with another one, thereby specifying a different implementation.</td>
* </tr>
*
* <tr>
*   <td>removeProviderProperty.{provider name}</td>
*   <td>Removal of properties from the specified Provider</td>
*   <td>This disables the lookup of services implemented by the
* provider. They are no longer accessible due to removal of the properties
* specifying their names and locations. This
```

```
* may change the behavior or disable execution of other
* parts of the program that
 would normally utilize the Provider, as
* described under the "removeProvider.{provider name}" permission.</td>
* </tr>
*
* </table>
*
* <P>
* The following permissions have been superseded by newer permissions or are
* associated with classes that have been deprecated: {@link Identity},
* {@link IdentityScope}, {@link Signer}. Use of them is discouraged. See the
* applicable classes for more information.
*
* <table border=1 cellpadding=5 summary="target name,what the permission allows, and associated risks">
* <tr>
* <th>Permission Target Name</th>
* <th>What the Permission Allows</th>
* <th>Risks of Allowing this Permission</th>
* </tr>
*
* <tr>
*   <td>insertProvider.{provider name}</td>
*   <td>Addition of a new provider, with the specified name</td>
*   <td>Use of this permission is discouraged from further use because it is
* possible to circumvent the name restrictions by overriding the
* {@link java.security.Provider#getName} method. Also, there is an
 equivalent
* level of risk associated with granting code permission to insert a provider
* with a specific name, or any name it chooses. Users should use the
* "insertProvider" permission instead.
* <p>This would allow somebody to introduce a possibly
* malicious provider (e.g., one that discloses the private keys passed
* to it) as the highest-priority provider. This would be possible
* because the Security object (which manages the installed providers)
* currently does not check the integrity or authenticity of a provider
* before attaching it.</td>
* </tr>
*
* <tr>
*   <td>setSystemScope</td>
*   <td>Setting of the system identity scope</td>
*   <td>This would allow an attacker to configure the system identity scope with
* certificates that should not be trusted, thereby granting applet or
* application code signed with those certificates privileges that
* would have been denied by the system's original identity scope.</td>
* </tr>
*
```

```
* <tr>
*   <td>setIdentityPublicKey</td>
 *   <td>Setting of the public key for an Identity</td>
*   <td>If the identity is marked as "trusted", this allows an attacker to
* introduce a different public key (e.g., its own) that is not trusted
* by the system's identity scope, thereby granting applet or
* application code signed with that public key privileges that
* would have been denied otherwise.</td>
* </tr>
*
* <tr>
*   <td>setIdentityInfo</td>
*   <td>Setting of a general information string for an Identity</td>
*   <td>This allows attackers to set the general description for
* an identity.  This may trick applications into using a different
* identity than intended or may prevent applications from finding a
* particular identity.</td>
* </tr>
*
* <tr>
*   <td>addIdentityCertificate</td>
*   <td>Addition of a certificate for an Identity</td>
*   <td>This allows attackers to set a certificate for
* an identity's public key.  This is dangerous because it affects
* the trust relationship
 across the system. This public key suddenly
* becomes trusted to a wider audience than it otherwise would be.</td>
* </tr>
*
* <tr>
*   <td>removeIdentityCertificate</td>
*   <td>Removal of a certificate for an Identity</td>
*   <td>This allows attackers to remove a certificate for
* an identity's public key. This is dangerous because it affects
* the trust relationship across the system. This public key suddenly
* becomes considered less trustworthy than it otherwise would be.</td>
* </tr>
*
* <tr>
*  <td>printIdentity</td>
*  <td>Viewing the name of a principal
* and optionally the scope in which it is used, and whether
* or not it is considered "trusted" in that scope</td>
*  <td>The scope that is printed out may be a filename, in which case
* it may convey local system information. For example, here's a sample
* printout of an identity named "carol", who is
* marked not trusted in the user's identity database:<br>
*   carol[/home/luehe/identitydb.obj][not trusted]</td>
```

```
 *</tr>
*
* <tr>
*   <td>getSignerPrivateKey</td>
*   <td>Retrieval of a Signer's private key</td>
*   <td>It is very dangerous to allow access to a private key; private
* keys are supposed to be kept secret. Otherwise, code can use the
* private key to sign various files and claim the signature came from
* the Signer.</td>
* </tr>
*
* <tr>
*   <td>setSignerKeyPair</td>
*   <td>Setting of the key pair (public key and private key) for a Signer</td>
*   <td>This would allow an attacker to replace somebody else's (the "target's")
* keypair with a possibly weaker keypair (e.g., a keypair of a smaller
* keysize).  This also would allow the attacker to listen in on encrypted
* communication between the target and its peers. The target's peers
* might wrap an encryption session key under the target's "new" public
* key, which would allow the attacker (who possesses the corresponding
* private key) to unwrap the session key and decipher the communication
* data encrypted
 under that session key.</td>
* </tr>
*
* </table>
*
* @see java.security.BasicPermission
* @see java.security.Permission
* @see java.security.Permissions
* @see java.security.PermissionCollection
* @see java.lang.SecurityManager
*
*
* @author Marianne Mueller
* @author Roland Schemers
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/SecurityPermission.java
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*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/ColorConvertOp.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/color/ICC_ProfileGray.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/color/ICC_ProfileRGB.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/color/ICC_ColorSpace.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/color/ICC_Profile.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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zip/com/sun/org/apache/xalan/internal/xsltc/cmdline/Transform.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xalan/internal/xsltc/compiler/util/ErrorMessages_pt_BR.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xalan/internal/xsltc/compiler/Copy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xalan/internal/xsltc/compiler/util/RealType.java
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/**
* This is the base class for deriving an XMLStreamReader filter
*
* This class is designed to sit between an XMLStreamReader and an
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* parent interface.
*
* @version 1.0
* @author Copyright (c) 2009 by Oracle Corporation. All Rights Reserved.
* @see javax.xml.stream.XMLStreamReader
* @see EventReaderDelegate
* @since 1.6
*/
```

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*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/renderable/RenderedImageFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/renderable/ContextualRenderedImageFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/renderable/RenderContext.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/test/WhiteBox.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ec/point/ProjectivePoint.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/math/IntegerFieldModuloP.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/events/TLSHandshakeEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/internal/event/EventHelper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/math/intpoly/IntegerPolynomial25519.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/math/intpoly/IntegerPolynomial.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/math/intpoly/IntegerPolynomialP256.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/tool/UserDataException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/math/intpoly/IntegerPolynomialP521.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/math/intpoly/P384OrderField.java
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zip/sun/awt/OverrideNativeWindowHandle.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/internal/platform/Container.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ec/point/MutablePoint.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/events/CertificateId.java
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zip/sun/security/tools/jarsigner/TimestampedSigner.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/el/FormatData_el.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/pt/FormatData_pt.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/it/FormatData_it.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/tr/FormatData_tr.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/es/FormatData_es.java
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```
*/
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*/
/**
   * Queries the context for largest data size to accommodate
   * the specified protection and for the token to remain less then
   * maxTokSize.
   *
   * @param qop the quality of protection that the context will be
   *    asked to provide.
   * @param confReq a flag indicating whether confidentiality will be
   *    requested or not
   * @param outputSize the maximum size of the output token
   * @return the maximum size for the input message that can be
   *    provided to the wrap() method in order to guarantee that these
   *    requirements
 are met.
   * @exception GSSException may be thrown
   */
/**
   * Provides per-message token encapsulation.
   *
   * @param is the user-provided message to be protected
   * @param os the token to be sent to the peer. It includes
   *    the message from <i>is</i> with the requested protection.
   * @param msgPro on input it contains the requested qop and
   *    confidentiality state, on output, the applied values
   * @exception GSSException may be thrown
   * @see unwrap
   */
/**
   * Retrieves the message token previously encapsulated in the wrap
   * call.
   *
   * @param is the token from the peer
   * @param os unprotected message data
   * @param msgProp will contain the applied qop and confidentiality
   *    of the input token and any informatory status values
   * @exception GSSException may be thrown
   * @see wrap
   */
/**
   * Checks the integrity of the supplied tokens.
   * This token was previously generated by
```

```
 getMIC.
    *
    * @param is token generated by getMIC
    * @param msgStr the message to check integrity for
    * @param msgProp will contain the applied QOP and confidentiality
    *    states of the token as well as any informatory status codes
    * @exception GSSException may be thrown
    */
```

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*/
/**
* Classes to support functional-style operations on streams of elements, such
* as map-reduce transformations on collections.  For example:
*
* <pre>{@code
*     int sum = widgets.stream()
*                 .filter(b -> b.getColor() == RED)
*                 .mapToInt(b -> b.getWeight())
*                 .sum();
```

```
* }</pre>
*
* <p>Here we use {@code widgets}, a {@code Collection<Widget>},
* as a source for a stream, and then perform a filter-map-reduce on the stream
* to obtain the sum of the weights of the red widgets.  (Summation is an
* example of a <a href="package-summary.html#Reduction">reduction</a>
* operation.)
*
* <p>The key abstraction introduced in this package
 is <em>stream</em>.  The
* classes {@link java.util.stream.Stream}, {@link java.util.stream.IntStream},
* {@link java.util.stream.LongStream}, and {@link java.util.stream.DoubleStream}
* are streams over objects and the primitive {@code int}, {@code long} and
* {@code double} types.  Streams differ from collections in several ways:
*
* <ul>
*     <li>No storage.  A stream is not a data structure that stores elements;
*     instead, it conveys elements from a source such as a data structure,
*     an array, a generator function, or an I/O channel, through a pipeline of
*     computational operations.</li>
*     <li>Functional in nature.  An operation on a stream produces a result,
*     but does not modify its source.  For example, filtering a {@code Stream}
*     obtained from a collection produces a new {@code Stream} without the
*     filtered elements, rather than removing elements from the source
*     collection.</li>
*     <li>Laziness-seeking.  Many stream operations,
 such as filtering, mapping,
*     or duplicate removal, can be implemented lazily, exposing opportunities
*     for optimization.  For example, "find the first {@code String} with
*     three consecutive vowels" need not examine all the input strings.
*     Stream operations are divided into intermediate ({@code Stream}-producing)
*     operations and terminal (value- or side-effect-producing) operations.
*     Intermediate operations are always lazy.</li>
*     <li>Possibly unbounded.  While collections have a finite size, streams
*     need not.  Short-circuiting operations such as {@code limit(n)} or
*     {@code findFirst()} can allow computations on infinite streams to
*     complete in finite time.</li>
*     <li>Consumable. The elements of a stream are only visited once during
*     the life of a stream. Like an {@link java.util.Iterator}, a new stream
*     must be generated to revisit the same elements of the source.
*     </li>
* </ul>
*
* Streams can be
 obtained in a number of ways. Some examples include:
* <ul>
*     <li>From a {@link java.util.Collection} via the {@code stream()} and
*     {@code parallelStream()} methods;</li>
```

```
*     <li>From an array via {@link java.util.Arrays#stream(Object[])};</li>
*     <li>From static factory methods on the stream classes, such as
*     {@link java.util.stream.Stream#of(Object[])},
*     {@link java.util.stream.IntStream#range(int, int)}
*     or {@link java.util.stream.Stream#iterate(Object, UnaryOperator)};</li>
*     <li>The lines of a file can be obtained from {@link java.io.BufferedReader#lines()};</li>
*     <li>Streams of file paths can be obtained from methods in {@link java.nio.file.Files};</li>
*     <li>Streams of random numbers can be obtained from {@link java.util.Random#ints()};</li>
*     <li>Numerous other stream-bearing methods in the JDK, including
*     {@link java.util.BitSet#stream()},
*     {@link java.util.regex.Pattern#splitAsStream(java.lang.CharSequence)},
 *     and {@link java.util.jar.JarFile#stream()}.</li>
* </ul>
*
* <p>Additional stream sources can be provided by third-party libraries using
* <a href="package-summary.html#StreamSources">these techniques</a>.
*
* <h2><a name="StreamOps">Stream operations and pipelines</a></h2>
*
* <p>Stream operations are divided into <em>intermediate</em> and
* <em>terminal</em> operations, and are combined to form <em>stream
* pipelines</em>.  A stream pipeline consists of a source (such as a
* {@code Collection}, an array, a generator function, or an I/O channel);
* followed by zero or more intermediate operations such as
* {@code Stream.filter} or {@code Stream.map}; and a terminal operation such
* as {@code Stream.forEach} or {@code Stream.reduce}.
*
* <p>Intermediate operations return a new stream.  They are always
* <em>lazy</em>; executing an intermediate operation such as
* {@code filter()} does not actually perform any filtering, but instead
* creates a new stream
 that, when traversed, contains the elements of
* the initial stream that match the given predicate.  Traversal
* of the pipeline source does not begin until the terminal operation of the
* pipeline is executed.
*
* <p>Terminal operations, such as {@code Stream.forEach} or
* {@code IntStream.sum}, may traverse the stream to produce a result or a
* side-effect. After the terminal operation is performed, the stream pipeline
* is considered consumed, and can no longer be used; if you need to traverse
* the same data source again, you must return to the data source to get a new
* stream.  In almost all cases, terminal operations are <em>eager</em>,
* completing their traversal of the data source and processing of the pipeline
* before returning.  Only the terminal operations {@code iterator()} and
* {@code spliterator()} are not; these are provided as an "escape hatch" to enable
* arbitrary client-controlled pipeline traversals in the event that the
* existing operations are
```

```
 not sufficient to the task.
*
* <p> Processing streams lazily allows for significant efficiencies; in a
* pipeline such as the filter-map-sum example above, filtering, mapping, and
* summing can be fused into a single pass on the data, with minimal
* intermediate state. Laziness also allows avoiding examining all the data
* when it is not necessary; for operations such as "find the first string
* longer than 1000 characters", it is only necessary to examine just enough
* strings to find one that has the desired characteristics without examining
* all of the strings available from the source. (This behavior becomes even
* more important when the input stream is infinite and not merely large.)
*
* <p>Intermediate operations are further divided into <em>stateless</em>
* and <em>stateful</em> operations. Stateless operations, such as {@code filter}
* and {@code map}, retain no state from previously seen element when processing
* a new element -- each element can be processed
 * independently of operations on other elements.  Stateful operations, such as
* {@code distinct} and {@code sorted}, may incorporate state from previously
* seen elements when processing new elements.
*
* <p>Stateful operations may need to process the entire input
* before producing a result.  For example, one cannot produce any results from
* sorting a stream until one has seen all elements of the stream.  As a result,
* under parallel computation, some pipelines containing stateful intermediate
* operations may require multiple passes on the data or may need to buffer
* significant data.  Pipelines containing exclusively stateless intermediate
* operations can be processed in a single pass, whether sequential or parallel,
* with minimal data buffering.
*
* <p>Further, some operations are deemed <em>short-circuiting</em> operations.
* An intermediate operation is short-circuiting if, when presented with
* infinite input, it may produce a finite stream as a result.  A
 terminal
* operation is short-circuiting if, when presented with infinite input, it may
* terminate in finite time.  Having a short-circuiting operation in the pipeline
* is a necessary, but not sufficient, condition for the processing of an infinite
* stream to terminate normally in finite time.
*
* <h3>Parallelism</h3>
*
* <p>Processing elements with an explicit {@code for-}loop is inherently serial.
* Streams facilitate parallel execution by reframing the computation as a pipeline of
* aggregate operations, rather than as imperative operations on each individual
* element.  All streams operations can execute either in serial or in parallel.
* The stream implementations in the JDK create serial streams unless parallelism is
* explicitly requested.  For example, {@code Collection} has methods
* {@link java.util.Collection#stream} and {@link java.util.Collection#parallelStream},
* which produce sequential and parallel streams respectively; other
```

```
* stream-bearing methods
 such as {@link java.util.stream.IntStream#range(int, int)}
* produce sequential streams but these streams can be efficiently parallelized by
* invoking their {@link java.util.stream.BaseStream#parallel()} method.
* To execute the prior "sum of weights of widgets" query in parallel, we would
* do:
*
* <pre>{@code
*     int sumOfWeights = widgets.}<code><b>parallelStream()</b></code>{@code
*                         .filter(b -> b.getColor() == RED)
*                         .mapToInt(b -> b.getWeight())
*                         .sum();
* }</pre>
*
* <p>The only difference between the serial and parallel versions of this
* example is the creation of the initial stream, using "{@code parallelStream()}"
* instead of "{@code stream()}".  When the terminal operation is initiated,
* the stream pipeline is executed sequentially or in parallel depending on the
* orientation of the stream on which it is invoked.  Whether a stream will execute in serial or
*
 parallel can be determined with the {@code isParallel()} method, and the
* orientation of a stream can be modified with the
* {@link java.util.stream.BaseStream#sequential()} and
* {@link java.util.stream.BaseStream#parallel()} operations.  When the terminal
* operation is initiated, the stream pipeline is executed sequentially or in
* parallel depending on the mode of the stream on which it is invoked.
*
* <p>Except for operations identified as explicitly nondeterministic, such
* as {@code findAny()}, whether a stream executes sequentially or in parallel
* should not change the result of the computation.
*
* <p>Most stream operations accept parameters that describe user-specified
* behavior, which are often lambda expressions.  To preserve correct behavior,
* these <em>behavioral parameters</em> must be <em>non-interfering</em>, and in
* most cases must be <em>stateless</em>.  Such parameters are always instances
* of a <a href="../function/package-summary.html">functional
 interface</a> such
* as {@link java.util.function.Function}, and are often lambda expressions or
* method references.
*
* <h3><a name="NonInterference">Non-interference</a></h3>
*
* Streams enable you to execute possibly-parallel aggregate operations over a
* variety of data sources, including even non-thread-safe collections such as
* {@code ArrayList}. This is possible only if we can prevent
* <em>interference</em> with the data source during the execution of a stream
* pipeline.  Except for the escape-hatch operations {@code iterator()} and
* {@code spliterator()}, execution begins when the terminal operation is
```

```
* invoked, and ends when the terminal operation completes.  For most data
* sources, preventing interference means ensuring that the data source is
* <em>not modified at all</em> during the execution of the stream pipeline.
* The notable exception to this are streams whose sources are concurrent
* collections, which are specifically designed to handle concurrent
 modification.
* Concurrent stream sources are those whose {@code Spliterator} reports the
* {@code CONCURRENT} characteristic.
*
* <p>Accordingly, behavioral parameters in stream pipelines whose source might
* not be concurrent should never modify the stream's data source.
* A behavioral parameter is said to <em>interfere</em> with a non-concurrent
* data source if it modifies, or causes to be
* modified, the stream's data source.  The need for non-interference applies
* to all pipelines, not just parallel ones.  Unless the stream source is
* concurrent, modifying a stream's data source during execution of a stream
* pipeline can cause exceptions, incorrect answers, or nonconformant behavior.
*
* For well-behaved stream sources, the source can be modified before the
* terminal operation commences and those modifications will be reflected in
* the covered elements.  For example, consider the following code:
*
* <pre>{@code
*     List<String> l = new ArrayList(Arrays.asList("one",
 "two"));
*     Stream<String> sl = l.stream();
*     l.add("three");
*     String s = sl.collect(joining(" "));
* }</pre>
*
* First a list is created consisting of two strings: "one"; and "two". Then a
* stream is created from that list. Next the list is modified by adding a third
* string: "three". Finally the elements of the stream are collected and joined
* together. Since the list was modified before the terminal {@code collect}
* operation commenced the result will be a string of "one two three". All the
* streams returned from JDK collections, and most other JDK classes,
* are well-behaved in this manner; for streams generated by other libraries, see
* <a href="package-summary.html#StreamSources">Low-level stream
* construction</a> for requirements for building well-behaved streams.
*
* <h3><a name="Statelessness">Stateless behaviors</a></h3>
*
* Stream pipeline results may be nondeterministic or incorrect if the behavioral
* parameters to the
 stream operations are <em>stateful</em>.  A stateful lambda
* (or other object implementing the appropriate functional interface) is one
* whose result depends on any state which might change during the execution
* of the stream pipeline.  An example of a stateful lambda is the parameter
```

```
* to {@code map()} in:
*
* <pre>{@code
*     Set<Integer> seen = Collections.synchronizedSet(new HashSet<>());
*     stream.parallel().map(e -> { if (seen.add(e)) return 0; else return e; })...
* }</pre>
*
* Here, if the mapping operation is performed in parallel, the results for the
* same input could vary from run to run, due to thread scheduling differences,
* whereas, with a stateless lambda expression the results would always be the
* same.
*
* <p>Note also that attempting to access mutable state from behavioral parameters
* presents you with a bad choice with respect to safety and performance; if
* you do not synchronize access to that state, you have a data race and
* therefore
 your code is broken, but if you do synchronize access to that
* state, you risk having contention undermine the parallelism you are seeking
* to benefit from.  The best approach is to avoid stateful behavioral
* parameters to stream operations entirely; there is usually a way to
* restructure the stream pipeline to avoid statefulness.
*
* <h3>Side-effects</h3>
*
* Side-effects in behavioral parameters to stream operations are, in general,
* discouraged, as they can often lead to unwitting violations of the
* statelessness requirement, as well as other thread-safety hazards.
*
* <p>If the behavioral parameters do have side-effects, unless explicitly
* stated, there are no guarantees as to the
* <a href="../concurrent/package-summary.html#MemoryVisibility"><i>visibility</i></a>
* of those side-effects to other threads, nor are there any guarantees that
* different operations on the "same" element within the same stream pipeline
* are executed in the same thread.  Further,
 the ordering of those effects
* may be surprising.  Even when a pipeline is constrained to produce a
* <em>result</em> that is consistent with the encounter order of the stream
* source (for example, {@code IntStream.range(0,5).parallel().map(x -> x*2).toArray()}
* must produce {@code [0, 2, 4, 6, 8]}), no guarantees are made as to the order
* in which the mapper function is applied to individual elements, or in what
* thread any behavioral parameter is executed for a given element.
*
* <p>Many computations where one might be tempted to use side effects can be more
* safely and efficiently expressed without side-effects, such as using
* <a href="package-summary.html#Reduction">reduction</a> instead of mutable
* accumulators. However, side-effects such as using {@code println()} for debugging
* purposes are usually harmless.  A small number of stream operations, such as
* {@code forEach()} and {@code peek()}, can operate only via side-effects;
```

```
* these should be used
 with care.
*
* <p>As an example of how to transform a stream pipeline that inappropriately
* uses side-effects to one that does not, the following code searches a stream
* of strings for those matching a given regular expression, and puts the
* matches in a list.
*
* <pre>{@code
*     ArrayList<String> results = new ArrayList<>();
*     stream.filter(s -> pattern.matcher(s).matches())
*           .forEach(s -> results.add(s));  // Unnecessary use of side-effects!
* }</pre>
*
* This code unnecessarily uses side-effects.  If executed in parallel, the
* non-thread-safety of {@code ArrayList} would cause incorrect results, and
* adding needed synchronization would cause contention, undermining the
* benefit of parallelism.  Furthermore, using side-effects here is completely
* unnecessary; the {@code forEach()} can simply be replaced with a reduction
* operation that is safer, more efficient, and more amenable to
* parallelization:
*
* <pre>{@code
*     List<String>results
 =
*         stream.filter(s -> pattern.matcher(s).matches())
*               .collect(Collectors.toList());  // No side-effects!
* }</pre>
*
* <h3><a name="Ordering">Ordering</a></h3>
*
* <p>Streams may or may not have a defined <em>encounter order</em>.  Whether
* or not a stream has an encounter order depends on the source and the
* intermediate operations.  Certain stream sources (such as {@code List} or
* arrays) are intrinsically ordered, whereas others (such as {@code HashSet})
* are not.  Some intermediate operations, such as {@code sorted()}, may impose
* an encounter order on an otherwise unordered stream, and others may render an
* ordered stream unordered, such as {@link java.util.stream.BaseStream#unordered()}.
* Further, some terminal operations may ignore encounter order, such as
* {@code forEach()}.
*
* <p>If a stream is ordered, most operations are constrained to operate on the
* elements in their encounter order; if the source of a stream is a {@code
 List}
* containing {@code [1, 2, 3]}, then the result of executing {@code map(x -> x*2)}
* must be {@code [2, 4, 6]}.  However, if the source has no defined encounter
* order, then any permutation of the values {@code [2, 4, 6]} would be a valid
* result.
```

```
*
* <p>For sequential streams, the presence or absence of an encounter order does
* not affect performance, only determinism.  If a stream is ordered, repeated
* execution of identical stream pipelines on an identical source will produce
* an identical result; if it is not ordered, repeated execution might produce
* different results.
*
* <p>For parallel streams, relaxing the ordering constraint can sometimes enable
* more efficient execution.  Certain aggregate operations,
* such as filtering duplicates ({@code distinct()}) or grouped reductions
* ({@code Collectors.groupingBy()}) can be implemented more efficiently if ordering of elements
* is not relevant.  Similarly, operations that are intrinsically tied to
 encounter order,
* such as {@code limit()}, may require
* buffering to ensure proper ordering, undermining the benefit of parallelism.
* In cases where the stream has an encounter order, but the user does not
* particularly <em>care</em> about that encounter order, explicitly de-ordering
* the stream with {@link java.util.stream.BaseStream#unordered() unordered()} may
* improve parallel performance for some stateful or terminal operations.
* However, most stream pipelines, such as the "sum of weight of blocks" example
* above, still parallelize efficiently even under ordering constraints.
*
* <h2><a name="Reduction">Reduction operations</a></h2>
*
* A <em>reduction</em> operation (also called a <em>fold</em>) takes a sequence
* of input elements and combines them into a single summary result by repeated
* application of a combining operation, such as finding the sum or maximum of
* a set of numbers, or accumulating elements into a list.  The streams classes have
* multiple
 forms of general reduction operations, called
* {@link java.util.stream.Stream#reduce(java.util.function.BinaryOperator) reduce()}
* and {@link java.util.stream.Stream#collect(java.util.stream.Collector) collect()},
* as well as multiple specialized reduction forms such as
* {@link java.util.stream.IntStream#sum() sum()}, {@link java.util.stream.IntStream#max() max()},
* or {@link java.util.stream.IntStream#count() count()}.
*
* <p>Of course, such operations can be readily implemented as simple sequential
* loops, as in:
* <pre>{@code
*    int sum = 0;
*    for (int x : numbers) {
*       sum += x;
*    }
* }</pre>
* However, there are good reasons to prefer a reduce operation
* over a mutative accumulation such as the above.  Not only is a reduction
* "more abstract" -- it operates on the stream as a whole rather than individual
* elements -- but a properly constructed reduce operation is inherently
```

```
* parallelizable, so long as the function(s) used to process the
 elements
* are <a href="package-summary.html#Associativity">associative</a> and
* <a href="package-summary.html#NonInterfering">stateless</a>.
* For example, given a stream of numbers for which we want to find the sum, we
* can write:
* <pre>{@code
*    int sum = numbers.stream().reduce(0, (x,y) -> x+y);
* }</pre>
* or:
* <pre>{@code
*    int sum = numbers.stream().reduce(0, Integer::sum);
* }</pre>
*
* <p>These reduction operations can run safely in parallel with almost no
* modification:
* <pre>{@code
*    int sum = numbers.parallelStream().reduce(0, Integer::sum);
* }</pre>
*
* <p>Reduction parallellizes well because the implementation
* can operate on subsets of the data in parallel, and then combine the
* intermediate results to get the final correct answer.  (Even if the language
* had a "parallel for-each" construct, the mutative accumulation approach would
* still required the developer to provide
* thread-safe updates to the shared accumulating variable
 {@code sum}, and
* the required synchronization would then likely eliminate any performance gain from
* parallelism.)  Using {@code reduce()} instead removes all of the
* burden of parallelizing the reduction operation, and the library can provide
* an efficient parallel implementation with no additional synchronization
* required.
*
* <p>The "widgets" examples shown earlier shows how reduction combines with
* other operations to replace for loops with bulk operations.  If {@code widgets}
* is a collection of {@code Widget} objects, which have a {@code getWeight} method,
* we can find the heaviest widget with:
* <pre>{@code
*     OptionalInt heaviest = widgets.parallelStream()
*                            .mapToInt(Widget::getWeight)
*                            .max();
* }</pre>
*
* <p>In its more general form, a {@code reduce} operation on elements of type
* {@code <T>} yielding a result of type {@code <U>} requires three parameters:
* <pre>{@code
 * <U> U reduce(U identity,
*             BiFunction<U, ? super T, U> accumulator,
```

```
*             BinaryOperator<U> combiner);
* }</pre>
* Here, the <em>identity</em> element is both an initial seed value for the reduction
* and a default result if there are no input elements. The <em>accumulator</em>
* function takes a partial result and the next element, and produces a new
* partial result. The <em>combiner</em> function combines two partial results
* to produce a new partial result.  (The combiner is necessary in parallel
* reductions, where the input is partitioned, a partial accumulation computed
* for each partition, and then the partial results are combined to produce a
* final result.)
*
* <p>More formally, the {@code identity} value must be an <em>identity</em> for
* the combiner function. This means that for all {@code u},
* {@code combiner.apply(identity, u)} is equal to {@code u}. Additionally, the
* {@code combiner} function must be <a href="package-summary.html#Associativity">associative</a>
 and
* must be compatible with the {@code accumulator} function: for all {@code u}
* and {@code t}, {@code combiner.apply(u, accumulator.apply(identity, t))} must
* be {@code equals()} to {@code accumulator.apply(u, t)}.
*
* <p>The three-argument form is a generalization of the two-argument form,
* incorporating a mapping step into the accumulation step.  We could
* re-cast the simple sum-of-weights example using the more general form as
* follows:
* <pre>{@code
*     int sumOfWeights = widgets.stream()
*                         .reduce(0,
*                                 (sum, b) -> sum + b.getWeight())
*                                 Integer::sum);
* }</pre>
* though the explicit map-reduce form is more readable and therefore should
* usually be preferred. The generalized form is provided for cases where
* significant work can be optimized away by combining mapping and reducing
* into a single function.
*
*
 <h3><a name="MutableReduction">Mutable reduction</a></h3>
*
* A <em>mutable reduction operation</em> accumulates input elements into a
* mutable result container, such as a {@code Collection} or {@code StringBuilder},
* as it processes the elements in the stream.
*
* <p>If we wanted to take a stream of strings and concatenate them into a
* single long string, we <em>could</em> achieve this with ordinary reduction:
* <pre>{@code
*     String concatenated = strings.reduce("", String::concat)
* }</pre>
*
```

```
* <p>We would get the desired result, and it would even work in parallel.  However,
* we might not be happy about the performance!  Such an implementation would do
* a great deal of string copying, and the run time would be <em>O(n^2)</em> in
* the number of characters.  A more performant approach would be to accumulate
* the results into a {@link java.lang.StringBuilder}, which is a mutable
* container for accumulating strings.  We can use the same technique to
* parallelize
 mutable reduction as we do with ordinary reduction.
*
* <p>The mutable reduction operation is called
* {@link java.util.stream.Stream#collect(Collector) collect()},
* as it collects together the desired results into a result container such
* as a {@code Collection}.
* A {@code collect} operation requires three functions:
* a supplier function to construct new instances of the result container, an
* accumulator function to incorporate an input element into a result
* container, and a combining function to merge the contents of one result
* container into another.  The form of this is very similar to the general
* form of ordinary reduction:
* <pre>{@code
* <R> R collect(Supplier<R> supplier,
*             BiConsumer<R, ? super T> accumulator,
*             BiConsumer<R, R> combiner);
* }</pre>
* <p>As with {@code reduce()}, a benefit of expressing {@code collect} in this
* abstract way is that it is directly amenable to parallelization: we can
* accumulate
 partial results in parallel and then combine them, so long as the
* accumulation and combining functions satisfy the appropriate requirements.
* For example, to collect the String representations of the elements in a
* stream into an {@code ArrayList}, we could write the obvious sequential
* for-each form:
* <pre>{@code
*     ArrayList<String> strings = new ArrayList<>();
*     for (T element : stream) {
*         strings.add(element.toString());
*     }
* }</pre>
* Or we could use a parallelizable collect form:
* <pre>{@code
*     ArrayList<String> strings = stream.collect(() -> new ArrayList<>(),
*                                                (c, e) -> c.add(e.toString()),
*                                                (c1, c2) -> c1.addAll(c2));
* }</pre>
* or, pulling the mapping operation out of the accumulator function, we could
* express it more succinctly as:
* <pre>{@code
*     List<String> strings = stream.map(Object::toString)
```

```
*
            .collect(ArrayList::new, ArrayList::add, ArrayList::addAll);
* }</pre>
* Here, our supplier is just the {@link java.util.ArrayList#ArrayList()
* ArrayList constructor}, the accumulator adds the stringified element to an
* {@code ArrayList}, and the combiner simply uses {@link java.util.ArrayList#addAll addAll}
* to copy the strings from one container into the other.
*
* <p>The three aspects of {@code collect} -- supplier, accumulator, and
* combiner -- are tightly coupled.  We can use the abstraction of a
* {@link java.util.stream.Collector} to capture all three aspects.  The
* above example for collecting strings into a {@code List} can be rewritten
* using a standard {@code Collector} as:
* <pre>{@code
*     List<String> strings = stream.map(Object::toString)
*                              .collect(Collectors.toList());
* }</pre>
*
* <p>Packaging mutable reductions into a Collector has another advantage:
* composability.  The class {@link java.util.stream.Collectors}
 contains a
* number of predefined factories for collectors, including combinators
* that transform one collector into another.  For example, suppose we have a
* collector that computes the sum of the salaries of a stream of
* employees, as follows:
*
* <pre>{@code
*     Collector<Employee, ?, Integer> summingSalaries
*         = Collectors.summingInt(Employee::getSalary);
* }</pre>
*
* (The {@code ?} for the second type parameter merely indicates that we don't
* care about the intermediate representation used by this collector.)
* If we wanted to create a collector to tabulate the sum of salaries by
* department, we could reuse {@code summingSalaries} using
* {@link java.util.stream.Collectors#groupingBy(java.util.function.Function, java.util.stream.Collector)
groupingBy}:
*
* <pre>{@code
*     Map<Department, Integer> salariesByDept
*         = employees.stream().collect(Collectors.groupingBy(Employee::getDepartment,
*
                              summingSalaries));
* }</pre>
*
* <p>As with the regular reduction operation, {@code collect()} operations can
* only be parallelized if appropriate conditions are met.  For any partially
* accumulated result, combining it with an empty result container must
```

```
* produce an equivalent result.  That is, for a partially accumulated result
* {@code p} that is the result of any series of accumulator and combiner
* invocations, {@code p} must be equivalent to
* {@code combiner.apply(p, supplier.get())}.
*
* <p>Further, however the computation is split, it must produce an equivalent
* result.  For any input elements {@code t1} and {@code t2}, the results
* {@code r1} and {@code r2} in the computation below must be equivalent:
* <pre>{@code
*     A a1 = supplier.get();
*     accumulator.accept(a1, t1);
*     accumulator.accept(a1, t2);
*     R r1 = finisher.apply(a1);  // result without splitting
*
*     A a2 = supplier.get();
*     accumulator.accept(a2,
 t1);
*     A a3 = supplier.get();
*     accumulator.accept(a3, t2);
*     R r2 = finisher.apply(combiner.apply(a2, a3));  // result with splitting
* }</pre>
*
* <p>Here, equivalence generally means according to {@link java.lang.Object#equals(Object)}.
* but in some cases equivalence may be relaxed to account for differences in
* order.
*
* <h3><a name="ConcurrentReduction">Reduction, concurrency, and ordering</a></h3>
*
* With some complex reduction operations, for example a {@code collect()} that
* produces a {@code Map}, such as:
* <pre>{@code
*     Map<Buyer, List<Transaction>> salesByBuyer
*         = txns.parallelStream()
*             .collect(Collectors.groupingBy(Transaction::getBuyer));
* }</pre>
* it may actually be counterproductive to perform the operation in parallel.
* This is because the combining step (merging one {@code Map} into another by
* key) can be expensive for some {@code Map} implementations.
*
* <p>Suppose, however, that the
 result container used in this reduction
* was a concurrently modifiable collection -- such as a
* {@link java.util.concurrent.ConcurrentHashMap}. In that case, the parallel
* invocations of the accumulator could actually deposit their results
* concurrently into the same shared result container, eliminating the need for
* the combiner to merge distinct result containers. This potentially provides
* a boost to the parallel execution performance. We call this a
* <em>concurrent</em> reduction.
```

```
*
* <p>A {@link java.util.stream.Collector} that supports concurrent reduction is
* marked with the {@link java.util.stream.Collector.Characteristics#CONCURRENT}
* characteristic.  However, a concurrent collection also has a downside.  If
* multiple threads are depositing results concurrently into a shared container,
* the order in which results are deposited is non-deterministic. Consequently,
* a concurrent reduction is only possible if ordering is not important for the
* stream
 being processed. The {@link java.util.stream.Stream#collect(Collector)}
* implementation will only perform a concurrent reduction if
* <ul>
* <li>The stream is parallel;</li>
* <li>The collector has the
* {@link java.util.stream.Collector.Characteristics#CONCURRENT} characteristic,
* and;</li>
* <li>Either the stream is unordered, or the collector has the
* {@link java.util.stream.Collector.Characteristics#UNORDERED} characteristic.
* </ul>
* You can ensure the stream is unordered by using the
* {@link java.util.stream.BaseStream#unordered()} method.  For example:
* <pre>{@code
*     Map<Buyer, List<Transaction>> salesByBuyer
*         = txns.parallelStream()
*             .unordered()
*             .collect(groupingByConcurrent(Transaction::getBuyer));
* }</pre>
* (where {@link java.util.stream.Collectors#groupingByConcurrent} is the
* concurrent equivalent of {@code groupingBy}).
*
* <p>Note that if it is important that the elements for a given key appear in
 * the order they appear in the source, then we cannot use a concurrent
* reduction, as ordering is one of the casualties of concurrent insertion.
* We would then be constrained to implement either a sequential reduction or
* a merge-based parallel reduction.
*
* <h3><a name="Associativity">Associativity</a></h3>
*
* An operator or function {@code op} is <em>associative</em> if the following
* holds:
* <pre>{@code
*     (a op b) op c == a op (b op c)
* }</pre>
* The importance of this to parallel evaluation can be seen if we expand this
* to four terms:
* <pre>{@code
*     a op b op c op d == (a op b) op (c op d)
* }</pre>
* So we can evaluate {@code (a op b)} in parallel with {@code (c op d)}, and
```

```
* then invoke {@code op} on the results.
*
* <p>Examples of associative operations include numeric addition, min, and
* max, and string concatenation.
*
* <h2><a name="StreamSources">Low-level stream construction</a></h2>
*
* So far, all the stream examples have used
 methods like
* {@link java.util.Collection#stream()} or {@link java.util.Arrays#stream(Object[])}
* to obtain a stream.  How are those stream-bearing methods implemented?
*
* <p>The class {@link java.util.stream.StreamSupport} has a number of
* low-level methods for creating a stream, all using some form of a
* {@link java.util.Spliterator}. A spliterator is the parallel analogue of an
* {@link java.util.Iterator}; it describes a (possibly infinite) collection of
* elements, with support for sequentially advancing, bulk traversal, and
* splitting off some portion of the input into another spliterator which can
* be processed in parallel.  At the lowest level, all streams are driven by a
* spliterator.
*
* <p>There are a number of implementation choices in implementing a
* spliterator, nearly all of which are tradeoffs between simplicity of
* implementation and runtime performance of streams using that spliterator.
* The simplest, but least performant, way to create a spliterator
 is to
* create one from an iterator using
* {@link java.util.Spliterators#spliteratorUnknownSize(java.util.Iterator, int)}.
* While such a spliterator will work, it will likely offer poor parallel
* performance, since we have lost sizing information (how big is the
* underlying data set), as well as being constrained to a simplistic
* splitting algorithm.
*
* <p>A higher-quality spliterator will provide balanced and known-size
* splits, accurate sizing information, and a number of other
* {@link java.util.Spliterator#characteristics() characteristics} of the
* spliterator or data that can be used by implementations to optimize
* execution.
*
* <p>Spliterators for mutable data sources have an additional challenge;
* timing of binding to the data, since the data could change between the time
* the spliterator is created and the time the stream pipeline is executed.
* Ideally, a spliterator for a stream would report a characteristic of

* {@code IMMUTABLE} or
 {@code CONCURRENT}; if not it should be
* <a href="../Spliterator.html#binding"><em>late-binding</em></a>. If a source
* cannot directly supply a recommended spliterator, it may indirectly supply
```

```
* a spliterator using a {@code Supplier}, and construct a stream via the
* {@code Supplier}-accepting versions of
* {@link java.util.stream.StreamSupport#stream(Supplier, int, boolean) stream()}.
* The spliterator is obtained from the supplier only after the terminal
* operation of the stream pipeline commences.
*
* <p>These requirements significantly reduce the scope of potential
* interference between mutations of the stream source and execution of stream
* pipelines. Streams based on spliterators with the desired characteristics,
* or those using the Supplier-based factory forms, are immune to
* modifications of the data source prior to commencement of the terminal
* operation (provided the behavioral parameters to the stream operations meet
* the required criteria for non-interference
 and statelessness).  See
* <a href="package-summary.html#NonInterference">Non-Interference</a>
* for more details.
*
* @since 1.8
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/util/jar/pack/TLGlobals.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/DestSurfaceProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/pipe/hw/BufferedContextProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/jmxremote/LocalRMIServerSocketFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/com/sun/tools/classfile/Exceptions_attribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/classfile/Method.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/classfile/RuntimeVisibleParameterAnnotations_attribute.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javap/Main.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/classfile/Field.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jmx/mbeanserver/MXBeanMappingFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/classfile/CharacterRangeTable_attribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/classfile/ConstantValue_attribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/classfile/RuntimeVisibleAnnotations_attribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/java2d/pipe/hw/AccelDeviceEventListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/classfile/InnerClasses_attribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/classfile/Deprecated_attribute.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/java2d/pipe/hw/AccelGraphicsConfig.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/java2d/pipe/hw/AccelTypedVolatileImage.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javap/BasicWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javah/Main.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/classfile/LocalVariableTable_attribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/classfile/RuntimeParameterAnnotations_attribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/classfile/RuntimeInvisibleAnnotations_attribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/classfile/LineNumberTable_attribute.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/classfile/EnclosingMethod_attribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/classfile/RuntimeAnnotations_attribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/classfile/Signature.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javap/Context.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/classfile/ClassReader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/classfile/AnnotationDefault_attribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/com/sun/tools/classfile/Signature_attribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/java2d/pipe/hw/ExtendedBufferCapabilities.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/java2d/BackBufferCapsProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javah/InternalError.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/net/PlainSocketImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/classfile/SourceFile_attribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/classfile/Synthetic_attribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/classfile/Attributes.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/Surface.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/classfile/RuntimeInvisibleParameterAnnotations_attribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/classfile/LocalVariableTypeTable_attribute.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/classfile/StackMap_attribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/awt/image/VSyncedBSManager.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/lt/FormatData_lt_LT.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/nl/FormatData_nl_NL.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/sv/FormatData_sv_SE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/zh/FormatData_zh_CN.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/tr/FormatData_tr_TR.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/iw/FormatData_iw_IL.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/hu/FormatData_hu_HU.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/sl/FormatData_sl_SI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/ro/FormatData_ro_RO.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/sq/FormatData_sq_AL.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/bg/FormatData_bg_BG.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/is/FormatData_is_IS.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/mk/FormatData_mk_MK.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/de/FormatData_de_DE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/lv/FormatData_lv_LV.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/fr/FormatData_fr_FR.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/no/FormatData_no_NO.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/sk/FormatData_sk_SK.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/da/FormatData_da_DK.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/en/FormatData_en_US.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/et/FormatData_et_EE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/th/FormatData_th_TH.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/pl/FormatData_pl_PL.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/ja/FormatData_ja_JP.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/el/FormatData_el_GR.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/pt/FormatData_pt_PT.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/uk/FormatData_uk_UA.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/es/FormatData_es_ES.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/fi/FormatData_fi_FI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/hr/FormatData_hr_HR.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/be/FormatData_be_BY.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cs/FormatData_cs_CZ.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/zh/FormatData_zh_HK.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/ru/FormatData_ru_RU.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/it/FormatData_it_IT.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/ko/FormatData_ko_KR.java

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/internal/crypto/Des3.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/print/PrinterGraphicsConfig.java
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/*
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*/
/**
* An error class for reporting factory configuration errors.
*

```
* @version 1.0
* @author Copyright (c) 2009 by Oracle Corporation. All Rights Reserved.
* @since 1.6
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/stream/FactoryConfigurationError.java
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* questions.
*/
/** Type checking helper class for the attribution phase.
*
*  <p><b>This is NOT part of any supported API.
*  If you write code that depends on this, you do so at your own risk.
*  This code and its internal interfaces are subject to change or
*  deletion without notice.</b>
*/
// visits all the various parts of the trees during attribution.
/** A handler for messages about using proprietary API.
   */
/** Warn about using proprietary API.
   *  @param pos        Position to be used for error reporting.
   *  @param msg        A string describing the problem.
```

```
    */
/** Validate a type expression. That is,
    *  check that all type arguments of a parametric type are within
    *  their bounds.
 This must be done in a second phase after type attribution
    *  since a class might have a subclass as type parameter bound. E.g:
    *
    *  <pre>{@code
    *  class B<A extends C> { ... }
    *  class C extends B<C> { ... }
    *  }</pre>
    *
    *  and we can't make sure that the bound is already attributed because
    *  of possible cycles.
    *
    * Visitor method: Validate a type expression, if it is not null, catching
    *  and reporting any completion failures.
    */
```

Found in path(s):
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/UnixNativeDispatcher.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/LinuxFileSystem.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/LinuxNativeDispatcher.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/BsdNativeDispatcher.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/BsdFileStore.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/resources/Messages_de.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/CipherSuiteList.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/resources/Messages_ja.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/misc/resources/Messages_zh_TW.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/resources/Messages_ko.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/misc/resources/Messages_zh_CN.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/resources/Messages_sv.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/ldap/SimpleClientId.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/resources/Messages_fr.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/resources/Messages.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/CipherSuite.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/validator/TrustStoreUtil.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/ldap/DigestClientId.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/misc/resources/Messages_zh_HK.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/misc/resources/Messages_pt_BR.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/provider/SHA5.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/resources/Messages_es.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/remote/rmi/RMIJRMPServerImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/resources/Messages_it.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/remote/rmi/RMIConnectionImpl.java
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/rmi/server/DeserializationChecker.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/provider/certpath/PKIXTimestampParameters.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/ObjectInputFilter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/ObjectStreamClassValidator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/JavaObjectInputStreamAccess.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/Preconditions.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/TrustStoreManager.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/ReentrantContextProviderCLQ.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/provider/SHA3.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/doclets/internal/toolkit/util/FatalError.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/tools/jarsigner/JarSignerParameters.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/jcp/xml/dsig/internal/dom/Policy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/ReentrantContextProviderTL.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/AnchorCertificates.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/ReentrantContextProvider.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/dom/AbortException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/ReentrantContext.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javadoc/DocletInvoker.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/launcher/java_md.h
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/PBEParameters.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/doclets/internal/toolkit/util/DeprecatedAPIListBuilder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/doclets/internal/toolkit/util/Group.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/font/StandardGlyphVector.java
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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/DerIndefLenConverter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javadoc/SerializedForm.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/InheritableThreadLocal.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/event/NativeLibLoader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/HmacSHA1.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/example/debug/tty/VMConnection.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/HmacMD5.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/javadoc/Doc.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/doclets/internal/toolkit/util/DocFileFactory.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/daemon/SnmpMibTree.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/im/ExecutableInputMethodManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javadoc/SerialFieldTagImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/image/NativeLibLoader.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/pipe/RegionIterator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/NativeLibLoader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/javadoc/MethodDoc.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/doclets/internal/toolkit/util/DocPath.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/im/InputMethodManager.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/javadoc/SerialFieldTag.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/image/ByteInterleavedRaster.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/PipedWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/geom/GeneralPath.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/server/RemoteCall.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/server/SkeletonNotFoundException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/acl/OwnerImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/server/ObjID.java
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/zip/CheckedInputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/InvalidClassException.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/applet/AppletStub.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/net/MalformedURLException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/PipedInputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/ArrayStoreException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/Dialog.java
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zip/sun/awt/image/ImageRepresentation.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/net/SocketImplFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/applet/Applet.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/xinclude/XPointerElementHandler.java
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/**
* Provide an optional convenience implementation of Locator.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This class is available mainly for application writers, who
* can use it to make a persistent snapshot of a locator at any
* point during a document parse:</p>
*
* <pre>
* Locator locator;
* Locator startloc;
*
* public void setLocator (Locator locator)
* {
*        // note the locator
*   this.locator = locator;
* }
*
* public void startDocument ()
* {
 *        // save the location of the start of the document
*        // for future use.
*   Locator startloc = new LocatorImpl(locator);
* }
*</pre>
*
```

```
* <p>Normally, parser writers will not use this class, since it
* is more efficient to provide location information only when
* requested, rather than constantly updating a Locator object.</p>
*
* @since SAX 1.0
* @author David Megginson
* @see org.xml.sax.Locator Locator
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/xml/sax/helpers/LocatorImpl.java
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*/
/**
   * Returns annotations that are <em>present</em> on this element.
   *
   * If there are no annotations <em>present</em> on this element, the return
   * value is an array of length 0.
   *
   * The caller of this method is free to modify the returned array; it will
   * have no effect on the arrays returned to other callers.
   *
   * @return annotations present on this element
```

```
   * @since 1.5
   */
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/xs/traversers/XSDGroupTraverser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/xs/identity/IdentityConstraint.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/xni/XMLLocator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/xs/models/XSCMValidator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/xs/opti/TextImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/parsers/BasicParserConfiguration.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/parsers/StandardParserConfiguration.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/util/DOMEntityResolverWrapper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/xs/traversers/XSDNotationTraverser.java
*

/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/xs/SchemaGrammar.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xml/internal/resolver/CatalogEntry.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/stream/dtd/nonvalidating/DTDGrammar.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xml/internal/resolver/readers/DOMCatalogReader.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/event/MouseEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/SunGraphics2D.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/event/ComponentListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/OutputRecord.java
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zip/java/rmi/server/UnicastRemoteObject.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jar/Main.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/event/InputEvent.java
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zip/java/awt/event/MouseMotionAdapter.java
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zip/java/security/NoSuchAlgorithmException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/sql/DatabaseMetaData.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/Principal.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/applet/resources/MsgAppletViewer_zh_TW.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/IdentityScope.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/PublicKey.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/Cursor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/serialver/SerialVer.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/BufferedReader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/DigestException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/acl/Group.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/X509CertImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/event/ContainerListener.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/net/DatagramSocketImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/server/ServerRef.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/sql/DataTruncation.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/sql/Statement.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/provider/VerificationProvider.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/MethodDescriptor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/server/Util.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/security/interfaces/DSAParams.java
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zip/sun/rmi/transport/proxy/WrappedSocket.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/server/Dispatcher.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/event/ActionListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/sql/DriverManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/ScrollPane.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/event/MouseAdapter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/Certificate.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/zip/InflaterInputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/rmi/transport/tcp/MultiplexOutputStream.java
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jar/JarException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/event/ItemListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/StringReader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/Graphics2D.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/security/cert/CertificateException.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/datatransfer/Transferable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/sql/Connection.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/acl/Acl.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/HandshakeOutStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/event/ComponentAdapter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/applet/resources/MsgAppletViewer_zh_CN.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/event/ContainerEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/event/WindowEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/server/RemoteStub.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/zip/CRC32.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/AlgIdDSA.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/PrivateKey.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/server/SocketSecurityException.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/dgc/VMID.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/transport/proxy/CGIHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/ObjectStreamField.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/geom/AffineTransform.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/OutputStreamWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/event/WindowListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/event/MouseListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/DigestInputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/transport/tcp/TCPChannel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/acl/AclEntry.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/server/RMISocketFactory.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/server/LogStream.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/sql/DriverPropertyInfo.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/server/RMIClassLoader.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/event/FocusEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/sql/CallableStatement.java

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/event/ActionEvent.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs10/PKCS10.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/net/FileNameMap.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/acl/Owner.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/PrintStream.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/RSASignature.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/reflect/Member.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/reflect/Array.java
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zip/sun/applet/resources/MsgAppletViewer_zh_HK.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/event/ItemEvent.java
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zip/com/sun/corba/se/impl/corba/TypeCodeImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/event/AdjustmentEvent.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/EventDispatchThread.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/ObjectStreamConstants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/sql/Driver.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/sql/SQLTimeoutException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/InvalidKeyException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/reflect/Constructor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/provider/DSAPublicKey.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/beans/VetoableChangeSupport.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/zip/GZIPInputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/AlgorithmId.java

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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/KeyException.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/sql/Date.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/rmi/transport/tcp/ConnectionMultiplexer.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/ObjectOutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/transport/ObjectTable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/Signer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/FloatingDecimal.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/zip/Deflater.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/zip/GZIPOutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/security/cert/CertificateException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jar/SignatureFile.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xml/internal/serializer/ToTextStream.java

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* questions.
*/
/** Helper class for name resolution, used mostly by the attribution phase.
*
*  <p><b>This is NOT part of any supported API.
*  If you write code that depends on this, you do so at your own risk.
*  This code and its internal interfaces are subject to change or
*  deletion without notice.</b>
*/
/**
    * Performs a recursive scan of a type looking for accessibility problems
    * from current attribution environment
    */
/**
    * Main method applicability routine. Given a list of actual types A,
    * a list of formal types F, determines whether the types in A are
    * compatible (by method invocation conversion) with the types in F.
    *
    * Since this routine is shared between overload
 resolution and method
    * type-inference, a (possibly empty) inference context is used to convert
    * formal types to the corresponding 'undet' form ahead of a compatibility
    * check so that constraints can be propagated and collected.
```

```
    *
    * Moreover, if one or more types in A is a deferred type, this routine uses
    * DeferredAttr in order to perform deferred attribution. If one or more actual
    * deferred types are stuck, they are placed in a queue and revisited later
    * after the remainder of the arguments have been seen. If this is not sufficient
    * to 'unstuck' the argument, a cyclic inference error is called out.
    *
    * A method check handler (see above) is used in order to report errors.
    */
/** Find or create an implicit method of exactly the given type (after erasure).
    *  Searches in a side table, not the main scope of the site.
    *  This emulates the lookup process required by JSR 292 in JVM.
    *  @param env       Attribution
 environment
    *  @param spMethod  signature polymorphic method - i.e. MH.invokeExact
    *  @param argtypes  The required argument types
    */
/** Resolve constructor using diamond inference.
    *  @param pos       The position to use for error reporting.
    *  @param env       The environment current at the constructor invocation.
    *  @param site      The type of class for which a constructor is searched.
    *                   The scope of this class has been touched in attribution.
    *  @param argtypes  The types of the constructor invocation's value
    *                   arguments.
    *  @param typeargtypes  The types of the constructor invocation's type
    *                   arguments.
    */
/**
        * Create an external representation for this erroneous symbol to be
        * used during attribution - by default this returns the symbol of a
        * brand new error type which stores the original type found
        * during resolution.

        *
        * @param name     the name used during resolution
        * @param location the location from which the symbol is accessed
        */
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/comp/Resolve.java
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/ArrayPrefixHelpers.java
No license file was found, but licenses were detected in source scan.

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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/internal/corba/ORBSingleton.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/spi/ior/EncapsulationFactoryBase.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/spi/monitoring/MonitoredObjectFactory.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/generics/tree/ShortSignature.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/spi/monitoring/MonitoredAttributeInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/spi/orbutil/closure/ClosureFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/spi/ior/IORTemplate.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/swing/plaf/gtk/GTKRegion.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/print/SunPageSelection.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/spi/monitoring/LongMonitoredAttributeBase.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XAbstractMenuItem.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/IllegalFormatFlagsException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/spi/monitoring/MonitoredAttribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/transport/ObjectEndpoint.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/FormatFlagsConversionMismatchException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/ior/IORTemplateListImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/image/BufImgVolatileSurfaceManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/internal/CosNaming/BootstrapServer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/protocol/giopmsgheaders/LocateReplyOrReplyMessage.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/ior/IdentifiableFactoryFinderBase.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/spi/monitoring/MonitoringFactories.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/font/StrikeMetrics.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/generics/tree/LongSignature.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/logutil/StringUtil.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/interfaces/ECKey.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/generics/tree/IntSignature.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/spi/monitoring/MonitoredAttributeInfoFactory.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/imageio/plugins/common/ImageUtil.java

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/UnrecoverableEntryException.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/imageio/plugins/common/I18NImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/spec/ECField.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/rmic/newrmic/BatchEnvironment.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/spi/monitoring/StringMonitoredAttributeBase.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/pept/transport/EventHandler.java

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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XKeySymConstants.java
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zip/com/sun/imageio/plugins/wbmp/WBMPImageReader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/calendar/CalendarUtils.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/sym/Profiles.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/tty/AmbiguousMethodException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/bdi/AmbiguousMethodException.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/SortedMap.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/bdi/EvaluationException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/ConnectorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/gui/GUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/expr/LValue.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/bdi/ChildSession.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/ShortValueImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/bdi/ThreadIterator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/tty/ThreadInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/gui/CurrentFrameChangedEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/bdi/NoSessionException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/com/sun/tools/example/debug/gui/SourceModel.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/crypto/provider/DESedeParameters.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/tty/PatternReferenceTypeSpec.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/tty/EventNotifier.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/bdi/ExecutionManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/gui/ClassTreeTool.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/bdi/Utils.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/bdi/Session.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/bdi/ThreadInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/basic/BasicDirectoryModel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/gui/SourcepathChangedEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/FloatValueImpl.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/OtherName.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/gui/TypeScriptOutputListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/jdi/ArrayReferenceImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/text/html/parser/ParserDelegator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/gui/ApplicationTool.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/jdi/BooleanValueImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/gui/OutputSink.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/gui/SearchPath.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/tty/EventRequestSpec.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/bdi/InputListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/bdi/MethodNotFoundException.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/tty/ModificationWatchpointSpec.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/gui/TypeScript.java
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zip/com/sun/org/apache/xalan/internal/lib/Extensions.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xalan/internal/lib/ExsltSets.java
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*/
/** Translate a toplevel class and return a list consisting of
   * the translated class and translated versions of all inner classes.
   * @param env The attribution environment current at the class definition.
   * We need this for resolving some additional symbols.
   * @param cdef The tree representing the class definition.
   */

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/comp/Lower.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/xs/XSModelImpl.java
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 */
/**
* <code>Replaceable</code> is an interface representing a
* string of characters that supports the replacement of a range of
* itself with a new string of characters.  It is used by APIs that
* change a piece of text while retaining metadata.  Metadata is data
* other than the Unicode characters returned by char32At().  One
* example of metadata is style attributes; another is an edit
* history, marking each character with an author and revision number.
*
* <p>An implicit aspect of the <code>Replaceable</code> API is that
* during a replace operation, new characters take on the metadata of
* the old characters.  For example, if the string "the <b>bold</b>
* font" has range (4, 8) replaced with "strong", then it becomes "the
* <b>strong</b> font".
*
* <p><code>Replaceable</code> specifies ranges using a start
* offset and a limit offset.  The range of characters thus specified
```

```
* includes the characters at offset start..limit-1.  That is, the
* start offset
 is inclusive, and the limit offset is exclusive.
*
* <p><code>Replaceable</code> also includes API to access characters
* in the string: <code>length()</code>, <code>charAt()</code>,
* <code>char32At()</code>, and <code>extractBetween()</code>.
*
* <p>For a subclass to support metadata, typical behavior of
* <code>replace()</code> is the following:
* <ul>
*   <li>Set the metadata of the new text to the metadata of the first
*   character replaced</li>
*   <li>If no characters are replaced, use the metadata of the
*   previous character</li>
*   <li>If there is no previous character (i.e. start == 0), use the
*   following character</li>
*   <li>If there is no following character (i.e. the replaceable was
*   empty), use default metadata<br>
*   <li>If the code point U+FFFF is seen, it should be interpreted as
*   a special marker having no metadata<li>
*   </li>
* </ul>
* If this is not the behavior, the subclass should document any differences.
*
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*
* @author Alan Liu
* @stable ICU 2.0
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/AuthorityInfoAccessExtension.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/swing/plaf/windows/WindowsPopupMenuSeparatorUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/windows/ThemeReader.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/xinclude/SecuritySupport.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/xni/grammars/XSGrammar.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/xni/grammars/XMLDTDDescription.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/utils/SecuritySupport.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xml/internal/serialize/SecuritySupport.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/dv/xs/IntegerDV.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/xs/util/XSNamedMapImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/util/XMLSymbols.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/dom/DOMMessageFormatter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/xs/util/XSNamedMap4Types.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/xs/traversers/XSDHandler.java

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/bind/v2/runtime/reflect/Utils.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/javac/util/StringUtils.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/internal/xjc/model/nav/Utils.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/bind/v2/runtime/property/Utils.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/lang/invoke/LambdaFormBuffer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/xr/XRSolidSrcPict.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/bind/v2/model/impl/Utils.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/bind/api/Utils.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/ws/spi/db/Utils.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XErrorHandlerUtil.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/bind/v2/util/XmlFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdeps/Analyzer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdeps/Profile.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/bind/v2/runtime/Utils.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/ws/model/Utils.java
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*/
/**
    * Method specifies whether the assertion is private or not. This is specified by our proprietary visibility element.
    *
    * @return {@code 'true'} if the assertion is marked as private (i.e. should not be marshalled int generated WSDL documents). Returns {@code false} otherwise.
    */

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/policy/PolicyAssertion.java
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****
 *
* This locale data is based on the ICU's Vietnamese locale data (rev. 1.38)
* found at:
*
* http://oss.software.ibm.com/cvs/icu/icu/source/data/locales/vi.txt?rev=1.38
*/

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/vi/FormatData_vi_VN.java
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```
*/
// NO WARRANTY!  This class is in the Public Domain.
/**
* Exception class for an unrecognized identifier.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>An XMLReader will throw this exception when it finds an
* unrecognized feature or property identifier; SAX applications and
* extensions may use this class for other, similar purposes.</p>
*
* @since SAX 2.0
* @author David Megginson
* @see org.xml.sax.SAXNotSupportedException
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/internal/org/xml/sax/SAXNotRecognizedException.java
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*/
/**
   * Returns an array containing all of the elements in this list
   * in proper sequence (from first to last element).
   *
   * <p>The returned array will be "safe" in that no references to it are
   * maintained by this list.  (In other words, this method must allocate
   * a new array).  The caller is thus free to modify the returned array.
   *
```

```
   * <p>This method acts as bridge between array-based and collection-based
   * APIs.
   *
   * @return an array containing all of the elements in this list
   *         in proper sequence
   */
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/util/IdentityLinkedList.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/jgss/krb5/Krb5ProxyCredential.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/locale/provider/CalendarNameProviderImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/calendar/ZoneInfoFile.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/io/TypeMismatchException.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/legacy/connection/SocketFactoryAcceptorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/security/auth/login/AccountException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/counter/Units.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/loops/TransformBlit.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/HotspotClassLoading.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/counter/Variability.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/snmp/jvminstr/JvmMemGCEntryImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/Appendable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/javadoc/AnnotationValue.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/snmp/jvmmib/JvmClassLoadingMBean.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/snmp/jvmmib/JvmMemMgrPoolRelEntryMBean.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs/SigningCertificateInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/reflect/GenericArrayType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/snmp/jvminstr/JvmMemMgrPoolRelEntryImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/presentation/rmi/DynamicMethodMarshallerImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/IBM942C.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/management/MemoryType.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/imageio/plugins/bmp/BMPMetadataFormat.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/spi/copyobject/CopyobjectDefaults.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/spi/orbutil/proxy/CompositeInvocationHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/HotspotMemoryMBean.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/legacy/connection/SocketFactoryConnectionImpl.java
*

/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/management/counter/perf/PerfLongCounter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/counter/Counter.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/directory/InitialDirContext.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/Parser.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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 History:
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 11Jun1998 dl Create public version
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/orbutil/concurrent/DebugMutex.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/orbutil/concurrent/Mutex.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/orbutil/concurrent/ReentrantMutex.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/swing/PrintColorUIResource.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/TIMEOUT.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/omg/CORBA/INVALID_ACTIVITY.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/PolicyUtil.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/REBIND.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/jconsole/inspector/IconManager.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/omg/CORBA/ACTIVITY_REQUIRED.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/ThreadImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/opengl/OGLBlitLoops.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/sql/rowset/serial/SerialBlob.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/rsa/RSACore.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/jca/JCAUtil.java
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*/
/**
   * Returns an array containing all of the elements in this queue.
   * The elements are in no particular order.
   *
   * <p>The returned array will be "safe" in that no references to it are
   * maintained by this queue.  (In other words, this method must allocate
   * a new array).  The caller is thus free to modify the returned array.
   *
   * <p>This method acts as bridge between array-based and collection-based
   * APIs.
   *
   * @return an array containing all of the elements in this queue
   */
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/crypto/spec/DHPublicKeySpec.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/IPAcl/PermissionImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/IPAcl/JDMIpMask.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/BerDecoder.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/SnmpUnsignedInt.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/rmic/IndentingWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/IPAcl/JDMCommunity.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/SnmpStatusException.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/BerEncoder.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/IPAcl/JDMSecurityDefs.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/rmic/iiop/NCInterfaceType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/rmic/iiop/ValueType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/rmic/iiop/ContextElement.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/rmic/iiop/IDLGenerator.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/rmic/iiop/ImplementationType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/rmic/iiop/BatchEnvironment.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/rmic/iiop/Generator.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/rmic/RMIConstants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/rmic/iiop/ContextStack.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/rmic/iiop/PrintGenerator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/rmic/iiop/ClassType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/rmic/iiop/Type.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/rmic/iiop/DirectoryLoader.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/en/TimeZoneNames_en.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/en/TimeZoneNames_en_IE.java
No license file was found, but licenses were detected in source scan.

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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/ComponentSampleModel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/SinglePixelPackedSampleModel.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/MultiPixelPackedSampleModel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/Raster.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/WritableRaster.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/DataBuffer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/BandedSampleModel.java
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/CodePointIterator.java
No license file was found, but licenses were detected in source scan.

```
package com.sun.tools.javac.resources;

public final class compiler extends java.util.ListResourceBundle {
  protected final Object[][] getContents() {
      return new Object[][] {
          { "compiler.err.abstract.cant.be.accessed.directly", "abstract {0} {1} in {2} cannot be accessed directly" },
          { "compiler.err.abstract.cant.be.instantiated", "{0} is abstract; cannot be instantiated" },
          { "compiler.err.abstract.meth.cant.have.body", "abstract methods cannot have a body" },
          { "compiler.err.already.annotated", "{0} {1} has already been annotated" },
          { "compiler.err.already.defined", "{0} {1} is already defined in {2} {3}" },
          { "compiler.err.already.defined.in.clinit", "{0} {1} is already defined in {2} of {3} {4}" },
          { "compiler.err.already.defined.single.import", "a type with the same simple name is already defined by the
single-type-import
```

```
 of {0}" },
        { "compiler.err.already.defined.static.single.import", "a type with the same simple name is already defined by
the static single-type-import of {0}" },
        { "compiler.err.already.defined.this.unit", "{0} is already defined in this compilation unit" },
        { "compiler.err.annotation.missing.default.value", "annotation @{0} is missing a default value for the
element "{1}"" },
        { "compiler.err.annotation.missing.default.value.1", "annotation @{0} is missing default values for elements
{1}" },
        { "compiler.err.annotation.not.valid.for.type", "annotation not valid for an element of type {0}" },
        { "compiler.err.annotation.type.not.applicable", "annotation type not applicable to this kind of declaration" },
        { "compiler.err.annotation.value.must.be.annotation", "annotation value must be an annotation" },
        { "compiler.err.annotation.value.must.be.class.literal", "annotation value must be a class
 literal" },
        { "compiler.err.annotation.value.must.be.name.value", "annotation values must be of the form "name=value""
},
        { "compiler.err.annotation.value.not.allowable.type", "annotation value not of an allowable type" },
        { "compiler.err.annotations.after.type.params.not.supported.in.source", "annotations after method type
parameters are not supported in -source {0}\n(use -source 8 or higher to enable annotations after method type
parameters)" },
        { "compiler.err.annotations.not.supported.in.source", "annotations are not supported in -source {0}\n(use -
source 5 or higher to enable annotations)" },
        { "compiler.err.anon.class.impl.intf.no.args", "anonymous class implements interface; cannot have
arguments" },
        { "compiler.err.anon.class.impl.intf.no.qual.for.new", "anonymous class implements interface; cannot have
qualifier for new" },
        { "compiler.err.anon.class.impl.intf.no.typeargs", "anonymous class
 implements interface; cannot have type arguments" },
        { "compiler.err.array.and.receiver", "legacy array notation not allowed on receiver parameter" },
        { "compiler.err.array.and.varargs", "cannot declare both {0} and {1} in {2}" },
        { "compiler.err.array.dimension.missing", "array dimension missing" },
        { "compiler.err.array.req.but.found", "array required, but {0} found" },
        { "compiler.err.assert.as.identifier", "as of release 1.4, "assert" is a keyword, and may not be used as an
identifier\n(use -source 1.3 or lower to use "assert" as an identifier)" },
        { "compiler.err.attribute.value.must.be.constant", "element value must be a constant expression" },
        { "compiler.err.bad.functional.intf.anno", "Unexpected @FunctionalInterface annotation" },
        { "compiler.err.bad.functional.intf.anno.1", "Unexpected @FunctionalInterface annotation\n{0}" },
        { "compiler.err.bad.initializer", "bad
 initializer for {0}" },
        { "compiler.err.break.outside.switch.loop", "break outside switch or loop" },
        { "compiler.err.call.must.be.first.stmt.in.ctor", "call to {0} must be first statement in constructor" },
        { "compiler.err.call.to.super.not.allowed.in.enum.ctor", "call to super not allowed in enum constructor" },
        { "compiler.err.cannot.create.array.with.diamond", "cannot create array with "<>"" },
        { "compiler.err.cannot.create.array.with.type.arguments", "cannot create array with type arguments" },
        { "compiler.err.cant.access", "cannot access {0}\n{1}" },
        { "compiler.err.cant.apply.diamond", "cannot infer type arguments for {0}" },
        { "compiler.err.cant.apply.diamond.1", "cannot infer type arguments for {0}\nreason: {1}" },
        { "compiler.err.cant.apply.symbol", "{0} {1} in {4} {5} cannot be applied to given types;\nrequired:
{2}\nfound: {3}\nreason: {6}" },
```

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        { "compiler.err.cant.apply.symbols",
 "no suitable {0} found for {1}({2})" },
        { "compiler.err.cant.assign.val.to.final.var", "cannot assign a value to final variable {0}" },
        { "compiler.err.cant.deref", "{0} cannot be dereferenced" },
        { "compiler.err.cant.extend.intf.annotation", ""extends" not allowed for @interfaces" },
        { "compiler.err.cant.inherit.diff.arg", "{0} cannot be inherited with different arguments: <{1}> and <{2}>" },
        { "compiler.err.cant.inherit.from.anon", "cannot inherit from anonymous class" },
        { "compiler.err.cant.inherit.from.final", "cannot inherit from final {0}" },
        { "compiler.err.cant.read.file", "cannot read: {0}" },
        { "compiler.err.cant.ref.before.ctor.called", "cannot reference {0} before supertype constructor has been
called" },
        { "compiler.err.cant.ref.non.effectively.final.var", "local variables referenced from {1} must be final or
effectively final" },

       { "compiler.err.cant.resolve", "cannot find symbol\nsymbol: {0} {1}" },
        { "compiler.err.cant.resolve.args", "cannot find symbol\nsymbol: {0} {1}({3})" },
        { "compiler.err.cant.resolve.args.params", "cannot find symbol\nsymbol: {0} <{2}>{1}({3})" },
        { "compiler.err.cant.resolve.location", "cannot find symbol\nsymbol:   {0} {1}\nlocation: {4}" },
        { "compiler.err.cant.resolve.location.args", "cannot find symbol\nsymbol:   {0} {1}({3})\nlocation: {4}" },
        { "compiler.err.cant.resolve.location.args.params", "cannot find symbol\nsymbol:   {0}
<{2}>{1}({3})\nlocation: {4}" },
        { "compiler.err.cant.select.static.class.from.param.type", "cannot select a static class from a parameterized
type" },
        { "compiler.err.cant.type.annotate.scoping", "scoping construct cannot be annotated with type-use
annotations: {0}" },
        { "compiler.err.cant.type.annotate.scoping.1", "scoping construct cannot be annotated
 with type-use annotation: {0}" },
        { "compiler.err.catch.without.try", ""catch" without "try"" },
        { "compiler.err.clash.with.pkg.of.same.name", "{0} {1} clashes with package of same name" },
        { "compiler.err.class.cant.write", "error while writing {0}: {1}" },
        { "compiler.err.class.not.allowed", "class, interface or enum declaration not allowed here" },
        { "compiler.err.class.public.should.be.in.file", "class {0} is public, should be declared in a file named
{0}.java" },
        { "compiler.err.concrete.inheritance.conflict", "methods {0} from {1} and {2} from {3} are inherited with
the same signature" },
        { "compiler.err.const.expr.req", "constant expression required" },
        { "compiler.err.cont.outside.loop", "continue outside of loop" },
        { "compiler.err.cyclic.annotation.element", "type of element {0} is cyclic" },
        { "compiler.err.cyclic.inheritance", "cyclic inheritance involving
 {0}" },
        { "compiler.err.dc.bad.entity", "bad HTML entity" },
        { "compiler.err.dc.bad.gt", "bad use of ">"" },
        { "compiler.err.dc.bad.inline.tag", "incorrect use of inline tag" },
        { "compiler.err.dc.gt.expected", ">" expected" },
        { "compiler.err.dc.identifier.expected", "identifier expected" },
        { "compiler.err.dc.malformed.html", "malformed HTML" },
        { "compiler.err.dc.missing.semicolon", "semicolon missing" },
        { "compiler.err.dc.no.content", "no content" },
```

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        { "compiler.err.dc.no.tag.name", "no tag name after '@'" },
        { "compiler.err.dc.ref.bad.parens", ""')" missing in reference" },
        { "compiler.err.dc.ref.syntax.error", "syntax error in reference" },
        { "compiler.err.dc.ref.unexpected.input", "unexpected text" },
        { "compiler.err.dc.unexpected.content", "unexpected content" },
        { "compiler.err.dc.unterminated.inline.tag",
 "unterminated inline tag" },
        { "compiler.err.dc.unterminated.signature", "unterminated signature" },
        { "compiler.err.dc.unterminated.string", "unterminated string" },
        { "compiler.err.default.allowed.in.intf.annotation.member", "default value only allowed in an annotation type
declaration" },
        { "compiler.err.default.methods.not.supported.in.source", "default methods are not supported in -source
{0}\n(use -source 8 or higher to enable default methods)" },
        { "compiler.err.default.overrides.object.member", "default method {0} in {1} {2} overrides a member of
java.lang.Object" },
        { "compiler.err.diamond.not.supported.in.source", "diamond operator is not supported in -source {0}\n(use -
source 7 or higher to enable diamond operator)" },
        { "compiler.err.does.not.override.abstract", "{0} is not abstract and does not override abstract method {1} in
{2}" },
        { "compiler.err.doesnt.exist", "package
 {0} does not exist" },
        { "compiler.err.dot.class.expected", """.class" expected" },
        { "compiler.err.duplicate.annotation.invalid.repeated", "annotation {0} is not a valid repeatable annotation" },
        { "compiler.err.duplicate.annotation.member.value", "duplicate element "{0}" in annotation @{1}." },
        { "compiler.err.duplicate.annotation.missing.container", "{0} is not a repeatable annotation type" },
        { "compiler.err.duplicate.case.label", "duplicate case label" },
        { "compiler.err.duplicate.class", "duplicate class: {0}" },
        { "compiler.err.duplicate.default.label", "duplicate default label" },
        { "compiler.err.else.without.if", ""else" without "if"" },
        { "compiler.err.empty.char.lit", "empty character literal" },
        { "compiler.err.encl.class.required", "an enclosing instance that contains {0} is required" },
        { "compiler.err.enum.annotation.must.be.enum.constant",
 "an enum annotation value must be an enum constant" },
        { "compiler.err.enum.as.identifier", "as of release 5, "enum" is a keyword, and may not be used as an
identifier\n(use -source 1.4 or lower to use "enum" as an identifier)" },
        { "compiler.err.enum.cant.be.instantiated", "enum types may not be instantiated" },
        { "compiler.err.enum.label.must.be.unqualified.enum", "an enum switch case label must be the unqualified
name of an enumeration constant" },
        { "compiler.err.enum.no.finalize", "enums cannot have finalize methods" },
        { "compiler.err.enum.no.subclassing", "classes cannot directly extend java.lang.Enum" },
        { "compiler.err.enum.types.not.extensible", "enum types are not extensible" },
        { "compiler.err.enums.must.be.static", "enum declarations allowed only in static contexts" },
        { "compiler.err.enums.not.supported.in.source", "enums are not supported in -source {0}\n(use -source
 5 or higher to enable enums)" },
        { "compiler.err.error", "error: " },
        { "compiler.err.error.reading.file", "error reading {0}; {1}" },
        { "compiler.err.except.already.caught", "exception {0} has already been caught" },
        { "compiler.err.except.never.thrown.in.try", "exception {0} is never thrown in body of corresponding try
```

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statement" },
        { "compiler.err.expected", "{0} expected" },
        { "compiler.err.expected2", "{0} or {1} expected" },
        { "compiler.err.expected3", "{0}, {1}, or {2} expected" },
        { "compiler.err.final.parameter.may.not.be.assigned", "final parameter {0} may not be assigned" },
        { "compiler.err.finally.without.try", ""finally" without "try"" },
        { "compiler.err.foreach.not.applicable.to.type", "for-each not applicable to expression type\nrequired:
{1}\nfound:    {0}" },
        { "compiler.err.foreach.not.supported.in.source", "enhanced for loops are
 not supported in -source {0}\n(use -source 5 or higher to enable for-each loops)" },
        { "compiler.err.fp.number.too.large", "floating point number too large" },
        { "compiler.err.fp.number.too.small", "floating point number too small" },
        { "compiler.err.generic.array.creation", "generic array creation" },
        { "compiler.err.generic.throwable", "a generic class may not extend java.lang.Throwable" },
        { "compiler.err.generics.not.supported.in.source", "generics are not supported in -source {0}\n(use -source 5
or higher to enable generics)" },
        { "compiler.err.icls.cant.have.static.decl", "Illegal static declaration in inner class {0}\nmodifier "static" is
only allowed in constant variable declarations" },
        { "compiler.err.illegal.char", "illegal character: "{0}"" },
        { "compiler.err.illegal.char.for.encoding", "unmappable character for encoding {0}" },
        { "compiler.err.illegal.combination.of.modifiers",
 "illegal combination of modifiers: {0} and {1}" },
        { "compiler.err.illegal.default.super.call", "bad type qualifier {0} in default super call\n{1}" },
        { "compiler.err.illegal.dot", "illegal "."" },
        { "compiler.err.illegal.enum.static.ref", "illegal reference to static field from initializer" },
        { "compiler.err.illegal.esc.char", "illegal escape character" },
        { "compiler.err.illegal.forward.ref", "illegal forward reference" },
        { "compiler.err.illegal.generic.type.for.instof", "illegal generic type for instanceof" },
        { "compiler.err.illegal.initializer.for.type", "illegal initializer for {0}" },
        { "compiler.err.illegal.line.end.in.char.lit", "illegal line end in character literal" },
        { "compiler.err.illegal.nonascii.digit", "illegal non-ASCII digit" },
        { "compiler.err.illegal.qual.not.icls", "illegal qualifier; {0} is not an inner class" },

    { "compiler.err.illegal.self.ref", "self-reference in initializer" },
        { "compiler.err.illegal.start.of.expr", "illegal start of expression" },
        { "compiler.err.illegal.start.of.stmt", "illegal start of statement" },
        { "compiler.err.illegal.start.of.type", "illegal start of type" },
        { "compiler.err.illegal.static.intf.meth.call", "illegal static interface method call\nthe receiver expression
should be replaced with the type qualifier "{0}"" },
        { "compiler.err.illegal.underscore", "illegal underscore" },
        { "compiler.err.illegal.unicode.esc", "illegal unicode escape" },
        { "compiler.err.import.requires.canonical", "import requires canonical name for {0}" },
        { "compiler.err.improperly.formed.type.inner.raw.param", "improperly formed type, type arguments given on
a raw type" },
        { "compiler.err.improperly.formed.type.param.missing", "improperly formed type, some parameters are
missing"
 },
        { "compiler.err.incomparable.types", "incomparable types: {0} and {1}" },
```

{ "compiler.err.incompatible.thrown.types.in.mref", "incompatible thrown types {0} in method reference" },
{ "compiler.err.incorrect.constructor.receiver.name", "the receiver name does not match the enclosing outer class type\nrequired: {0}\nfound: {1}" },
{ "compiler.err.incorrect.constructor.receiver.type", "the receiver type does not match the enclosing outer class type\nrequired: {0}\nfound: {1}" },
{ "compiler.err.incorrect.receiver.name", "the receiver name does not match the enclosing class type\nrequired: {0}\nfound: {1}" },
{ "compiler.err.incorrect.receiver.type", "the receiver type does not match the enclosing class type\nrequired: {0}\nfound: {1}" },
{ "compiler.err.initializer.must.be.able.to.complete.normally", "initializer must be able to complete normally" },
{ "compiler.err.int.number.too.large",
"integer number too large: {0}" },
{ "compiler.err.intersection.types.in.cast.not.supported.in.source", "intersection types in cast are not supported in -source {0}\n(use -source 8 or higher to enable default methods)" },
{ "compiler.err.intf.annotation.cant.have.type.params", "annotation type {0} cannot be generic" },
{ "compiler.err.intf.annotation.member.clash", "annotation type {1} declares an element with the same name as method {0}" },
{ "compiler.err.intf.annotation.members.cant.have.params", "elements in annotation type declarations cannot declare formal parameters" },
{ "compiler.err.intf.annotation.members.cant.have.type.params", "elements in annotation type declarations cannot be generic methods" },
{ "compiler.err.intf.expected.here", "interface expected here" },
{ "compiler.err.intf.meth.cant.have.body", "interface abstract methods cannot have body" },
{ "compiler.err.intf.not.allowed.here",
"interface not allowed here" },
{ "compiler.err.invalid.annotation.member.type", "invalid type for element {0} of annotation type" },
{ "compiler.err.invalid.binary.number", "binary numbers must contain at least one binary digit" },
{ "compiler.err.invalid.hex.number", "hexadecimal numbers must contain at least one hexadecimal digit" },
{ "compiler.err.invalid.meth.decl.ret.type.req", "invalid method declaration; return type required" },
{ "compiler.err.invalid.mref", "invalid {0} reference\n{1}" },
{ "compiler.err.invalid.repeatable.annotation", "duplicate annotation: {0} is annotated with an invalid @Repeatable annotation" },
{ "compiler.err.invalid.repeatable.annotation.elem.nondefault", "containing annotation type ({0}) does not have a default value for element {1}" },
{ "compiler.err.invalid.repeatable.annotation.incompatible.target", "containing annotation type ({0}) is applicable to more targets than repeatable annotation type ({1})" },
{ "compiler.err.invalid.repeatable.annotation.invalid.value", "{0} is not a valid @Repeatable: invalid value element" },
{ "compiler.err.invalid.repeatable.annotation.multiple.values", "{0} is not a valid @Repeatable, {1} element methods named "value" declared" },
{ "compiler.err.invalid.repeatable.annotation.no.value", "{0} is not a valid @Repeatable, no value element method declared" },
{ "compiler.err.invalid.repeatable.annotation.not.documented", "repeatable annotation type ({1}) is @Documented while containing annotation type ({0}) is not" },
{ "compiler.err.invalid.repeatable.annotation.not.inherited", "repeatable annotation type ({1}) is @Inherited while containing annotation type ({0}) is not" },
{ "compiler.err.invalid.repeatable.annotation.repeated.and.container.present", "container {0} must not be

present at the same time as the element
 it contains" },
{ "compiler.err.invalid.repeatable.annotation.retention", "retention of containing annotation type ({0}) is shorter than the retention of repeatable annotation type ({2})" },
{ "compiler.err.invalid.repeatable.annotation.value.return", "containing annotation type ({0}) must declare an element named "value" of type {2}" },
{ "compiler.err.io.exception", "error reading source file: {0}" },
{ "compiler.err.label.already.in.use", "label {0} already in use" },
{ "compiler.err.lambda.body.neither.value.nor.void.compatible", "lambda body is neither value nor void compatible" },
{ "compiler.err.lambda.not.supported.in.source", "lambda expressions are not supported in -source {0}\n(use -source 8 or higher to enable lambda expressions)" },
{ "compiler.err.limit.code", "code too large" },
{ "compiler.err.limit.code.too.large.for.try.stmt", "code too large for try statement" },

{ "compiler.err.limit.dimensions", "array type has too many dimensions" },
{ "compiler.err.limit.locals", "too many local variables" },
{ "compiler.err.limit.parameters", "too many parameters" },
{ "compiler.err.limit.pool", "too many constants" },
{ "compiler.err.limit.pool.in.class", "too many constants in class {0}" },
{ "compiler.err.limit.stack", "code requires too much stack" },
{ "compiler.err.limit.string", "constant string too long" },
{ "compiler.err.limit.string.overflow", "UTF8 representation for string \"{0}...\" is too long for the constant pool" },
{ "compiler.err.local.enum", "enum types must not be local" },
{ "compiler.err.local.var.accessed.from.icls.needs.final", "local variable {0} is accessed from within inner class; needs to be declared final" },
{ "compiler.err.malformed.fp.lit", "malformed floating point literal" },
{ "compiler.err.method.does.not.override.superclass",
 "method does not override or implement a method from a supertype" },
{ "compiler.err.method.invoked.with.incorrect.number.arguments", "method invoked with incorrect number of arguments; expected {0}, found {1}" },
{ "compiler.err.method.references.not.supported.in.source", "method references are not supported in -source {0}\n(use -source 8 or higher to enable method references)" },
{ "compiler.err.missing.meth.body.or.decl.abstract", "missing method body, or declare abstract" },
{ "compiler.err.missing.ret.stmt", "missing return statement" },
{ "compiler.err.mod.not.allowed.here", "modifier {0} not allowed here" },
{ "compiler.err.multicatch.not.supported.in.source", "multi-catch statement is not supported in -source {0}\n(use -source 7 or higher to enable multi-catch statement)" },
{ "compiler.err.multicatch.parameter.may.not.be.assigned", "multi-catch parameter
 {0} may not be assigned" },
{ "compiler.err.multicatch.types.must.be.disjoint", "Alternatives in a multi-catch statement cannot be related by subclassing\nAlternative {0} is a subclass of alternative {1}" },
{ "compiler.err.name.clash.same.erasure", "name clash: {0} and {1} have the same erasure" },
{ "compiler.err.name.clash.same.erasure.no.hide", "name clash: {0} in {1} and {2} in {3} have the same erasure, yet neither hides the other" },
{ "compiler.err.name.clash.same.erasure.no.override", "name clash: {0} in {1} and {2} in {3} have the same erasure, yet neither overrides the other" },

{ "compiler.err.name.clash.same.erasure.no.override.1", "name clash: {0} in {1} overrides a method whose erasure is the same as another method, yet neither overrides the other\nfirst method: {2} in {3}\nsecond method: {4} in {5}" },

{ "compiler.err.name.reserved.for.internal.use", "{0} is reserved for internal use" },

{ "compiler.err.native.meth.cant.have.body", "native methods cannot have a body" },

{ "compiler.err.neither.conditional.subtype", "incompatible types for ?: neither is a subtype of the other\nsecond operand: {0}\nthird operand : {1}" },

{ "compiler.err.new.not.allowed.in.annotation", ""new" not allowed in an annotation" },

{ "compiler.err.no.annotation.member", "no annotation member {0} in {1}" },

{ "compiler.err.no.annotations.on.dot.class", "no annotations are allowed in the type of a class literal" },

{ "compiler.err.no.encl.instance.of.type.in.scope", "no enclosing instance of type {0} is in scope" },

{ "compiler.err.no.intf.expected.here", "no interface expected here" },

{ "compiler.err.no.match.entry", "{0} has no match in entry in {1}; required {2}" },

{ "compiler.err.no.superclass", "{0} has no superclass." },

{ "compiler.err.non-static.cant.be.ref", "non-static {0} {1} cannot be referenced from a static context" },

{ "compiler.err.not.annotation.type", "{0} is not an annotation type" },

{ "compiler.err.not.def.access.class.intf.cant.access", "{0} in {1} is defined in an inaccessible class or interface" },

{ "compiler.err.not.def.public.cant.access", "{0} is not public in {1}; cannot be accessed from outside package" },

{ "compiler.err.not.encl.class", "not an enclosing class: {0}" },

{ "compiler.err.not.in.profile", "{0} is not available in profile "{1}"" },

{ "compiler.err.not.loop.label", "not a loop label: {0}" },

{ "compiler.err.not.stmt", "not a statement" },

{ "compiler.err.not.within.bounds", "type argument {0} is not within bounds of type-variable {1}" },

{ "compiler.err.operator.cant.be.applied", "bad operand type {1} for unary operator "{0}"" },

{ "compiler.err.operator.cant.be.applied.1", "bad operand types for binary operator "{0}"\nfirst type: {1}\nsecond type: {2}" },

{ "compiler.err.orphaned", "orphaned {0}" },

{ "compiler.err.override.incompatible.ret", "{0}\nreturn type {1} is not compatible with {2}" },

{ "compiler.err.override.meth", "{0}\noverridden method is {1}" },

{ "compiler.err.override.meth.doesnt.throw", "{0}\noverridden method does not throw {1}" },

{ "compiler.err.override.static", "{0}\noverriding method is static" },

{ "compiler.err.override.weaker.access", "{0}\nattempting to assign weaker access privileges; was {1}" },

{ "compiler.err.pkg.annotations.sb.in.package-info.java", "package annotations should be in file package-info.java" },

{ "compiler.err.pkg.clashes.with.class.of.same.name", "package {0} clashes with class of same name" },

{ "compiler.err.premature.eof", "reached end of file while parsing" },

{ "compiler.err.prob.found.req", "incompatible types: {0}" },

{ "compiler.err.proc.bad.config.file", "Bad service configuration file, or exception thrown while constructing Processor object: {0}" },

{ "compiler.err.proc.cant.access", "cannot access {0}\n{1}\nConsult the following stack trace for details.\n{2}" },

{ "compiler.err.proc.cant.access.1", "cannot access {0}\n{1}" },

{ "compiler.err.proc.cant.create.loader", "Could not create class loader for annotation processors: {0}" },

{ "compiler.err.proc.cant.find.class", "Could not find class file for "{0}"." },

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{ "compiler.err.proc.cant.load.class", "Could not load processor class file due to "{0}"." },
{ "compiler.err.proc.messager", "{0}" },
{ "compiler.err.proc.no.explicit.annotation.processing.requested", "Class names, "{0}", are only accepted if annotation processing is explicitly requested" },
{ "compiler.err.proc.no.service", "A ServiceLoader was not usable
 and is required for annotation processing." },
{ "compiler.err.proc.processor.bad.option.name", "Bad option name "{0}" provided by processor "{1}"" },
{ "compiler.err.proc.processor.cant.instantiate", "Could not instantiate an instance of processor "{0}"" },
{ "compiler.err.proc.processor.not.found", "Annotation processor "{0}" not found" },
{ "compiler.err.proc.processor.wrong.type", "Annotation processor "{0}" does not implement javax.annotation.processing.Processor" },
{ "compiler.err.proc.service.problem", "Error creating a service loader to load Processors." },
{ "compiler.err.qualified.new.of.static.class", "qualified new of static class" },
{ "compiler.err.receiver.parameter.not.applicable.constructor.toplevel.class", "receiver parameter not applicable for constructor of top-level class" },
{ "compiler.err.recursive.ctor.invocation", "recursive constructor invocation" },
 { "compiler.err.ref.ambiguous", "reference to {0} is ambiguous\nboth {1} {2} in {3} and {4} {5} in {6} match" },
{ "compiler.err.repeatable.annotations.not.supported.in.source", "repeated annotations are not supported in -source {0}\n(use -source 8 or higher to enable repeated annotations)" },
{ "compiler.err.repeated.annotation.target", "repeated annotation target" },
{ "compiler.err.repeated.interface", "repeated interface" },
{ "compiler.err.repeated.modifier", "repeated modifier" },
{ "compiler.err.report.access", "{0} has {1} access in {2}" },
{ "compiler.err.ret.outside.meth", "return outside method" },
{ "compiler.err.signature.doesnt.match.intf", "signature does not match {0}; incompatible interfaces" },
{ "compiler.err.signature.doesnt.match.supertype", "signature does not match {0}; incompatible supertype" },
{ "compiler.err.source.cant.overwrite.input.file",
 "error writing source; cannot overwrite input file {0}" },
{ "compiler.err.stack.sim.error", "Internal error: stack sim error on {0}" },
{ "compiler.err.static.imp.only.classes.and.interfaces", "static import only from classes and interfaces" },
{ "compiler.err.static.import.not.supported.in.source", "static import declarations are not supported in -source {0}\n(use -source 5 or higher to enable static import declarations)" },
{ "compiler.err.static.intf.method.invoke.not.supported.in.source", "static interface method invocations are not supported in -source {0}\n(use -source 8 or higher to enable static interface method invocations)" },
{ "compiler.err.static.intf.methods.not.supported.in.source", "static interface methods are not supported in -source {0}\n(use -source 8 or higher to enable static interface methods)" },
{ "compiler.err.string.const.req", "constant string expression required" },
{ "compiler.err.string.switch.not.supported.in.source",
 "strings in switch are not supported in -source {0}\n(use -source 7 or higher to enable strings in switch)" },
{ "compiler.err.synthetic.name.conflict", "the symbol {0} conflicts with a compiler-synthesized symbol in {1}" },
{ "compiler.err.this.as.identifier", "as of release 8, "this" is allowed as the parameter name for the receiver type only, which has to be the first parameter" },
{ "compiler.err.throws.not.allowed.in.intf.annotation", "throws clause not allowed in @interface members" },
{ "compiler.err.try.resource.may.not.be.assigned", "auto-closeable resource {0} may not be assigned" },
{ "compiler.err.try.with.resources.not.supported.in.source", "try-with-resources is not supported in -source {0}\n(use -source 7 or higher to enable try-with-resources)" },
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        { "compiler.err.try.without.catch.finally.or.resource.decls", ""try" without "catch", "finally"
 or resource declarations" },
        { "compiler.err.try.without.catch.or.finally", ""try" without "catch" or "finally"" },
        { "compiler.err.type.annotations.not.supported.in.source", "type annotations are not supported in -source
{0}\n(use -source 8 or higher to enable type annotations)" },
        { "compiler.err.type.doesnt.take.params", "type {0} does not take parameters" },
        { "compiler.err.type.found.req", "unexpected type\nrequired: {1}\nfound:    {0}" },
        { "compiler.err.type.var.cant.be.deref", "cannot select from a type variable" },
        { "compiler.err.type.var.may.not.be.followed.by.other.bounds", "a type variable may not be followed by other
bounds" },
        { "compiler.err.type.var.more.than.once", "type variable {0} occurs more than once in result type of {1};
cannot be left uninstantiated" },
        { "compiler.err.type.var.more.than.once.in.result", "type variable {0} occurs more than once in type of {1};
 cannot be left uninstantiated" },
        { "compiler.err.types.incompatible.abstract.default", "{0} {1} inherits abstract and default for {2}({3}) from
types {4} and {5}" },
        { "compiler.err.types.incompatible.diff.ret", "types {0} and {1} are incompatible; both define {2}, but with
unrelated return types" },
        { "compiler.err.types.incompatible.unrelated.defaults", "{0} {1} inherits unrelated defaults for {2}({3}) from
types {4} and {5}" },
        { "compiler.err.unclosed.char.lit", "unclosed character literal" },
        { "compiler.err.unclosed.comment", "unclosed comment" },
        { "compiler.err.unclosed.str.lit", "unclosed string literal" },
        { "compiler.err.undef.label", "undefined label: {0}" },
        { "compiler.err.underscore.as.identifier.in.lambda", ""_" used as an identifier\n(use of "_" as an identifier is
forbidden for lambda parameters)" },
        { "compiler.err.unexpected.lambda", "lambda expression
 not expected here" },
        { "compiler.err.unexpected.mref", "method reference not expected here" },
        { "compiler.err.unexpected.type", "unexpected type\nrequired: {0}\nfound:    {1}" },
        { "compiler.err.unreachable.stmt", "unreachable statement" },
        { "compiler.err.unreported.exception.default.constructor", "unreported exception {0} in default constructor"
},
        { "compiler.err.unreported.exception.implicit.close", "unreported exception {0}; must be caught or declared
to be thrown\nexception thrown from implicit call to close() on resource variable "{1}"" },
        { "compiler.err.unreported.exception.need.to.catch.or.throw", "unreported exception {0}; must be caught or
declared to be thrown" },
        { "compiler.err.unsupported.binary.lit", "binary literals are not supported in -source {0}\n(use -source 7 or
higher to enable binary literals)" },
        { "compiler.err.unsupported.cross.fp.lit", "hexadecimal floating-point
 literals are not supported on this VM" },
        { "compiler.err.unsupported.encoding", "unsupported encoding: {0}" },
        { "compiler.err.unsupported.fp.lit", "hexadecimal floating point literals are not supported in -source {0}\n(use
-source 5 or higher to enable hexadecimal floating point literals)" },
        { "compiler.err.unsupported.underscore.lit", "underscores in literals are not supported in -source {0}\n(use -
source 7 or higher to enable underscores in literals)" },
        { "compiler.err.var.might.already.be.assigned", "variable {0} might already have been assigned" },
        { "compiler.err.var.might.be.assigned.in.loop", "variable {0} might be assigned in loop" },
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        { "compiler.err.var.might.not.have.been.initialized", "variable {0} might not have been initialized" },
        { "compiler.err.var.not.initialized.in.default.constructor", "variable {0} not initialized in the default
constructor" },
        { "compiler.err.varargs.and.old.array.syntax",
 "legacy array notation not allowed on variable-arity parameter" },
        { "compiler.err.varargs.and.receiver", "varargs notation not allowed on receiver parameter" },
        { "compiler.err.varargs.invalid.trustme.anno", "Invalid {0} annotation. {1}" },
        { "compiler.err.varargs.not.supported.in.source", "variable-arity methods are not supported in -source
{0}\n(use -source 5 or higher to enable variable-arity methods)" },
        { "compiler.err.variable.not.allowed", "variable declaration not allowed here" },
        { "compiler.err.void.not.allowed.here", ""void" type not allowed here" },
        { "compiler.err.warnings.and.werror", "warnings found and -Werror specified" },
        { "compiler.err.wrong.number.type.args", "wrong number of type arguments; required {0}" },
        { "compiler.misc.anonymous.class", "<anonymous {0}>" },
        { "compiler.misc.applicable.method.found", "#{0} applicable method
 found: {1}" },
        { "compiler.misc.applicable.method.found.1", "#{0} applicable method found: {1}\n({2})" },
        { "compiler.misc.arg.length.mismatch", "actual and formal argument lists differ in length" },
        { "compiler.misc.bad.class.file.header", "bad class file: {0}\n{1}\nPlease remove or make sure it appears in
the correct subdirectory of the classpath." },
        { "compiler.misc.bad.class.signature", "bad class signature: {0}" },
        { "compiler.misc.bad.const.pool.entry", "bad constant pool entry in {0}\nexpected {1} at index {2}" },
        { "compiler.misc.bad.const.pool.tag", "bad constant pool tag: {0}" },
        { "compiler.misc.bad.const.pool.tag.at", "bad constant pool tag: {0} at {1}" },
        { "compiler.misc.bad.enclosing.class", "bad enclosing class for {0}: {1}" },
        { "compiler.misc.bad.enclosing.method", "bad enclosing method attribute for class {0}" },
        { "compiler.misc.bad.intersection.target.for.functional.expr",
 "bad intersection type target for lambda or method reference\n{0}" },
        { "compiler.misc.bad.runtime.invisible.param.annotations", "bad RuntimeInvisibleParameterAnnotations
attribute: {0}" },
        { "compiler.misc.bad.signature", "bad signature: {0}" },
        { "compiler.misc.bad.source.file.header", "bad source file: {0}\n{1}\nPlease remove or make sure it appears
in the correct subdirectory of the sourcepath." },
        { "compiler.misc.bad.type.annotation.value", "bad type annotation target type value: {0}" },
        { "compiler.misc.base.membership", "all your base class are belong to us" },
        { "compiler.misc.cant.access.inner.cls.constr", "cannot access constructor {0}({1})\nan enclosing instance of
type {2} is not in scope" },
        { "compiler.misc.cant.apply.diamond.1", "cannot infer type arguments for {0}\nreason: {1}" },
        { "compiler.misc.cant.apply.symbol", "{0} {1} in {4} {5} cannot
 be applied to given types\nrequired: {2}\nfound: {3}\nreason: {6}" },
        { "compiler.misc.cant.apply.symbols", "no suitable {0} found for {1}({2})" },
        { "compiler.misc.cant.implement", "{0} in {1} cannot implement {2} in {3}" },
        { "compiler.misc.cant.override", "{0} in {1} cannot override {2} in {3}" },
        { "compiler.misc.cant.resolve.location.args", "cannot find symbol\nsymbol:   {0} {1}({3})\nlocation: {4}" },
        { "compiler.misc.cant.resolve.location.args.params", "cannot find symbol\nsymbol:   {0}
<{2}>{1}({3})\nlocation: {4}" },
        { "compiler.misc.captured.type", "CAP#{0}" },
        { "compiler.misc.ccf.found.later.version", "class file has later version than expected: {0}" },
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        { "compiler.misc.ccf.unrecognized.attribute", "unrecognized attribute: {0}" },
        { "compiler.misc.clashes.with", "{0} in {1} clashes with {2} in {3}" },
        { "compiler.misc.class.file.not.found", "class file for
 {0} not found" },
        { "compiler.misc.class.file.wrong.class", "class file contains wrong class: {0}" },
        { "compiler.misc.conditional.target.cant.be.void", "target-type for conditional expression cannot be void" },
        { "compiler.misc.count.error", "{0} error" },
        { "compiler.misc.count.error.plural", "{0} errors" },
        { "compiler.misc.count.warn", "{0} warning" },
        { "compiler.misc.count.warn.plural", "{0} warnings" },
        { "compiler.misc.descriptor", "descriptor: {2} {0}({1})" },
        { "compiler.misc.descriptor.throws", "descriptor: {2} {0}({1}) throws {3}" },
        { "compiler.misc.diamond", "{0}<>" },
        { "compiler.misc.diamond.and.anon.class", "cannot use "<>" with anonymous inner classes" },
        { "compiler.misc.diamond.and.explicit.params", "cannot use "<>" with explicit type parameters for
constructor" },
        { "compiler.misc.diamond.non.generic", "cannot use "<>"
 with non-generic class {0}" },
        { "compiler.misc.explicit.param.do.not.conform.to.bounds", "explicit type argument {0} does not conform to
declared bound(s) {1}" },
        { "compiler.misc.fatal.err.cant.close", "Fatal Error: Cannot close compiler resources" },
        { "compiler.misc.fatal.err.cant.locate.ctor", "Fatal Error: Unable to find constructor for {0}" },
        { "compiler.misc.fatal.err.cant.locate.field", "Fatal Error: Unable to find field {0}" },
        { "compiler.misc.fatal.err.cant.locate.meth", "Fatal Error: Unable to find method {0}" },
        { "compiler.misc.fatal.err.no.java.lang", "Fatal Error: Unable to find package java.lang in classpath or
bootclasspath" },
        { "compiler.misc.file.does.not.contain.package", "file does not contain package {0}" },
        { "compiler.misc.file.doesnt.contain.class", "file does not contain class {0}" },
        { "compiler.misc.illegal.start.of.class.file", "illegal start
 of class file" },
        { "compiler.misc.inaccessible.varargs.type", "formal varargs element type {0} is not accessible from {1}
{2}" },
        { "compiler.misc.inapplicable.method", "{0} {1}.{2} is not applicable\n({3})" },
        { "compiler.misc.incompatible.abstracts", "multiple non-overriding abstract methods found in {0} {1}" },
        { "compiler.misc.incompatible.arg.types.in.lambda", "incompatible parameter types in lambda expression" },
        { "compiler.misc.incompatible.arg.types.in.mref", "incompatible parameter types in method reference" },
        { "compiler.misc.incompatible.descs.in.functional.intf", "incompatible function descriptors found in {0} {1}"
},
        { "compiler.misc.incompatible.eq.lower.bounds", "inference variable {0} has incompatible bounds\nequality
constraints: {1}\nlower bounds: {2}" },
        { "compiler.misc.incompatible.eq.upper.bounds", "inference variable {0} has incompatible bounds\nequality
constraints:
 {1}\nupper bounds: {2}" },
        { "compiler.misc.incompatible.ret.type.in.lambda", "bad return type in lambda expression\n{0}" },
        { "compiler.misc.incompatible.ret.type.in.mref", "bad return type in method reference\n{0}" },
        { "compiler.misc.incompatible.type.in.conditional", "bad type in conditional expression\n{0}" },
        { "compiler.misc.incompatible.upper.bounds", "inference variable {0} has incompatible upper bounds {1}" },
        { "compiler.misc.inconvertible.types", "{0} cannot be converted to {1}" },
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        { "compiler.misc.infer.arg.length.mismatch", "cannot infer type-variable(s) {0}\n(actual and formal argument
lists differ in length)" },
        { "compiler.misc.infer.no.conforming.assignment.exists", "cannot infer type-variable(s) {0}\n(argument
mismatch; {1})" },
        { "compiler.misc.infer.no.conforming.instance.exists", "no instance(s) of type variable(s) {0} exist so that
{1} conforms to {2}" },

  { "compiler.misc.infer.varargs.argument.mismatch", "cannot infer type-variable(s) {0}\n(varargs mismatch; {1})"
},
        { "compiler.misc.inferred.do.not.conform.to.eq.bounds", "inferred type does not conform to equality
constraint(s)\ninferred: {0}\nequality constraints(s): {1}" },
        { "compiler.misc.inferred.do.not.conform.to.lower.bounds", "inferred type does not conform to lower
bound(s)\ninferred: {0}\nlower bound(s): {1}" },
        { "compiler.misc.inferred.do.not.conform.to.upper.bounds", "inferred type does not conform to upper
bound(s)\ninferred: {0}\nupper bound(s): {1}" },
        { "compiler.misc.inner.cls", "an inner class" },
        { "compiler.misc.intersection.type", "INT#{0}" },
        { "compiler.misc.invalid.default.interface", "default method found in version {0}.{1} classfile" },
        { "compiler.misc.invalid.generic.lambda.target", "invalid functional descriptor for lambda
expression\nmethod {0} in {1} {2} is generic" },
         { "compiler.misc.invalid.mref", "invalid {0} reference\n{1}" },
        { "compiler.misc.invalid.static.interface", "static method found in version {0}.{1} classfile" },
        { "compiler.misc.kindname.annotation", "@interface" },
        { "compiler.misc.kindname.class", "class" },
        { "compiler.misc.kindname.constructor", "constructor" },
        { "compiler.misc.kindname.enum", "enum" },
        { "compiler.misc.kindname.instance.init", "instance initializer" },
        { "compiler.misc.kindname.interface", "interface" },
        { "compiler.misc.kindname.method", "method" },
        { "compiler.misc.kindname.package", "package" },
        { "compiler.misc.kindname.static", "static" },
        { "compiler.misc.kindname.static.init", "static initializer" },
        { "compiler.misc.kindname.type.variable", "type variable" },
        { "compiler.misc.kindname.type.variable.bound", "bound of type variable" },

       { "compiler.misc.kindname.value", "value" },
        { "compiler.misc.kindname.variable", "variable" },
        { "compiler.misc.lambda", "a lambda expression" },
        { "compiler.misc.location", "{0} {1}" },
        { "compiler.misc.location.1", "{0} {1} of type {2}" },
        { "compiler.misc.missing.ret.val", "missing return value" },
        { "compiler.misc.mref.infer.and.explicit.params", "cannot use raw constructor reference with explicit type
parameters for constructor" },
        { "compiler.misc.no.abstracts", "no abstract method found in {0} {1}" },
        { "compiler.misc.no.args", "no arguments" },
        { "compiler.misc.no.conforming.assignment.exists", "argument mismatch; {0}" },
        { "compiler.misc.no.suitable.functional.intf.inst", "cannot infer functional interface descriptor for {0}" },
        { "compiler.misc.no.unique.maximal.instance.exists", "no unique maximal instance exists for type variable
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{0} with
 upper bounds {1}" },
        { "compiler.misc.no.unique.minimal.instance.exists", "no unique minimal instance exists for type variable
{0} with lower bounds {1}" },
        { "compiler.misc.non-static.cant.be.ref", "non-static {0} {1} cannot be referenced from a static context" },
        { "compiler.misc.not.a.functional.intf", "{0} is not a functional interface" },
        { "compiler.misc.not.a.functional.intf.1", "{0} is not a functional interface\n{1}" },
        { "compiler.misc.not.an.intf.component", "component type {0} is not an interface" },
        { "compiler.misc.not.applicable.method.found", "#{0} not applicable method found: {1}\n({2})" },
        { "compiler.misc.not.def.access.class.intf.cant.access", "{0} in {1} is defined in an inaccessible class or
interface" },
        { "compiler.misc.not.def.public.cant.access", "{0} is not public in {1}; cannot be accessed from outside
package" },
        { "compiler.misc.overridden.default",
 "method {0} is overridden in {1}" },
        { "compiler.misc.partial.inst.sig", "partially instantiated to: {0}" },
        { "compiler.misc.possible.loss.of.precision", "possible lossy conversion from {0} to {1}" },
        { "compiler.misc.prob.found.req", "incompatible types: {0}" },
        { "compiler.misc.redundant.supertype", "redundant interface {0} is extended by {1}" },
        { "compiler.misc.ref.ambiguous", "reference to {0} is ambiguous\nboth {1} {2} in {3} and {4} {5} in {6}
match" },
        { "compiler.misc.report.access", "{0} has {1} access in {2}" },
        { "compiler.misc.resume.abort", "R)esume, A)bort>" },
        { "compiler.misc.source.unavailable", "(source unavailable)" },
        { "compiler.misc.static.bound.mref", "static bound method reference" },
        { "compiler.misc.static.method.in.unbound.lookup", "static {0} {1} found in unbound lookup" },
        { "compiler.misc.static.mref.with.targs", "parameterized
 qualifier on static method reference" },
        { "compiler.misc.token.bad-symbol", "<bad symbol>" },
        { "compiler.misc.token.character", "<character>" },
        { "compiler.misc.token.double", "<double>" },
        { "compiler.misc.token.end-of-input", "<end of input>" },
        { "compiler.misc.token.float", "<float>" },
        { "compiler.misc.token.identifier", "<identifier>" },
        { "compiler.misc.token.integer", "<integer>" },
        { "compiler.misc.token.long-integer", "<long integer>" },
        { "compiler.misc.token.string", "<string>" },
        { "compiler.misc.try.not.applicable.to.type", "try-with-resources not applicable to variable type\n({0})" },
        { "compiler.misc.type.captureof", "capture#{0} of {1}" },
        { "compiler.misc.type.captureof.1", "capture#{0}" },
        { "compiler.misc.type.none", "<none>" },
        { "compiler.misc.type.null", "<null>" },
        { "compiler.misc.type.parameter",
 "type parameter {0}" },
        { "compiler.misc.type.req.array.or.iterable", "array or java.lang.Iterable" },
        { "compiler.misc.type.req.class", "class" },
        { "compiler.misc.type.req.class.array", "class or array" },
        { "compiler.misc.type.req.exact", "class or interface without bounds" },
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        { "compiler.misc.type.req.ref", "reference" },
        { "compiler.misc.type.var", "{0}#{1}" },
        { "compiler.misc.unable.to.access.file", "unable to access file: {0}" },
        { "compiler.misc.unchecked.assign", "unchecked conversion" },
        { "compiler.misc.unchecked.cast.to.type", "unchecked cast" },
        { "compiler.misc.unchecked.clash.with", "{0} in {1} overrides {2} in {3}" },
        { "compiler.misc.unchecked.implement", "{0} in {1} implements {2} in {3}" },
        { "compiler.misc.unchecked.override", "{0} in {1} overrides {2} in {3}" },
        { "compiler.misc.undecl.type.var",
 "undeclared type variable: {0}" },
        { "compiler.misc.unexpected.ret.val", "unexpected return value" },
        { "compiler.misc.unicode.str.not.supported", "unicode string in class file not supported" },
        { "compiler.misc.unnamed.package", "unnamed package" },
        { "compiler.misc.varargs.argument.mismatch", "varargs mismatch; {0}" },
        { "compiler.misc.varargs.clash.with", "{0} in {1} overrides {2} in {3}" },
        { "compiler.misc.varargs.implement", "{0} in {1} implements {2} in {3}" },
        { "compiler.misc.varargs.override", "{0} in {1} overrides {2} in {3}" },
        { "compiler.misc.varargs.trustme.on.non.varargs.meth", "Method {0} is not a varargs method." },
        { "compiler.misc.varargs.trustme.on.reifiable.varargs", "Varargs element type {0} is reifiable." },
        { "compiler.misc.varargs.trustme.on.virtual.varargs", "Instance method {0} is not final." },
        { "compiler.misc.verbose.checking.attribution",
 "[checking {0}]" },
        { "compiler.misc.verbose.classpath", "[search path for class files: {0}]" },
        { "compiler.misc.verbose.loading", "[loading {0}]" },
        { "compiler.misc.verbose.parsing.done", "[parsing completed {0}ms]" },
        { "compiler.misc.verbose.parsing.started", "[parsing started {0}]" },
        { "compiler.misc.verbose.retro", "[retrofitting {0}]" },
        { "compiler.misc.verbose.retro.with", "\tretrofitting {0} with {1}" },
        { "compiler.misc.verbose.retro.with.list", "\tretrofitting {0} with type parameters {1}, supertype {2},
interfaces {3}" },
        { "compiler.misc.verbose.sourcepath", "[search path for source files: {0}]" },
        { "compiler.misc.verbose.total", "[total {0}ms]" },
        { "compiler.misc.verbose.wrote.file", "[wrote {0}]" },
        { "compiler.misc.version.not.available", "(version info not available)" },
        { "compiler.misc.where.captured",
 "{0} extends {1} super: {2} from capture of {3}" },
        { "compiler.misc.where.captured.1", "{0} extends {1} from capture of {3}" },
        { "compiler.misc.where.description.captured", "where {0} is a fresh type-variable:" },
        { "compiler.misc.where.description.captured.1", "where {0} are fresh type-variables:" },
        { "compiler.misc.where.description.intersection", "where {0} is an intersection type:" },
        { "compiler.misc.where.description.intersection.1", "where {0} are intersection types:" },
        { "compiler.misc.where.description.typevar", "where {0} is a type-variable:" },
        { "compiler.misc.where.description.typevar.1", "where {0} are type-variables:" },
        { "compiler.misc.where.fresh.typevar", "{0} extends {1}" },
        { "compiler.misc.where.intersection", "{0} extends {1}" },
        { "compiler.misc.where.typevar", "{0} extends {1} declared in {2} {3}" },
        { "compiler.misc.where.typevar.1",
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"{0} declared in {2} {3}" },
{ "compiler.misc.wrong.version", "class file has wrong version {0}.{1}, should be {2}.{3}" },
{ "compiler.misc.x.print.processor.info", "Processor {0} matches {1} and returns {2}." },
{ "compiler.misc.x.print.rounds", "Round {0}:\n\tinput files: {1}\n\tannotations: {2}\n\tlast round: {3}" },
{ "compiler.note.compressed.diags", "Some messages have been simplified; recompile with -Xdiags:verbose to get full output" },
{ "compiler.note.deferred.method.inst", "Deferred instantiation of method {0}\ninstantiated signature: {1}\ntarget-type: {2}" },
{ "compiler.note.deprecated.filename", "{0} uses or overrides a deprecated API." },
{ "compiler.note.deprecated.filename.additional", "{0} has additional uses or overrides of a deprecated API." },
{ "compiler.note.deprecated.plural", "Some input files use or override a deprecated API." },
{ "compiler.note.deprecated.plural.additional",
"Some input files additionally use or override a deprecated API." },
{ "compiler.note.deprecated.recompile", "Recompile with -Xlint:deprecation for details." },
{ "compiler.note.lambda.stat", "Translating lambda expression\nalternate metafactory = {0}\nsynthetic method = {1}" },
{ "compiler.note.mref.stat", "Translating method reference\nalternate metafactory = {0}\n" },
{ "compiler.note.mref.stat.1", "Translating method reference\nalternate metafactory = {0}\nbridge method = {1}" },
{ "compiler.note.note", "Note: " },
{ "compiler.note.potential.lambda.found", "This anonymous inner class creation can be turned into a lambda expression." },
{ "compiler.note.proc.messager", "{0}" },
{ "compiler.note.sunapi.filename", "{0} uses internal proprietary API that may be removed in a future release." },
{ "compiler.note.sunapi.filename.additional", "{0}
uses additional internal proprietary API that may be removed in a future release." },
{ "compiler.note.sunapi.plural", "Some input files use internal proprietary API that may be removed in a future release." },
{ "compiler.note.sunapi.plural.additional", "Some input files additionally use internal proprietary API that may be removed in a future release." },
{ "compiler.note.sunapi.recompile", "Recompile with -Xlint:sunapi for details." },
{ "compiler.note.unchecked.filename", "{0} uses unchecked or unsafe operations." },
{ "compiler.note.unchecked.filename.additional", "{0} has additional unchecked or unsafe operations." },
{ "compiler.note.unchecked.plural", "Some input files use unchecked or unsafe operations." },
{ "compiler.note.unchecked.plural.additional", "Some input files additionally use unchecked or unsafe operations." },
{ "compiler.note.unchecked.recompile", "Recompile with -Xlint:unchecked
for details." },
{ "compiler.note.verbose.resolve.multi", "resolving method {0} in type {1} to candidate {2}\nphase: {3}\nwith actuals: {4}\nwith type-args: {5}\ncandidates:" },
{ "compiler.note.verbose.resolve.multi.1", "erroneous resolution for method {0} in type {1}\nphase: {3}\nwith actuals: {4}\nwith type-args: {5}\ncandidates:" },
{ "compiler.warn.access.to.sensitive.member.from.serializable.element", "access to sensitive member {0} from serializable element can be publicly accessible to untrusted code" },
{ "compiler.warn.annotation.method.not.found", "Cannot find annotation method "{1}()" in type "{0}"" },
{ "compiler.warn.annotation.method.not.found.reason", "Cannot find annotation method "{1}()" in type

"{0}": {2}" },
{ "compiler.warn.assert.as.identifier", "as of release 1.4, "assert" is a keyword, and may not be used as an identifier\n(use -source 1.4 or higher to use "assert"
as a keyword)" },
{ "compiler.warn.auxiliary.class.accessed.from.outside.of.its.source.file", "auxiliary class {0} in {1} should not be accessed from outside its own source file" },
{ "compiler.warn.big.major.version", "{0}: major version {1} is newer than {2}, the highest major version supported by this compiler.\nIt is recommended that the compiler be upgraded." },
{ "compiler.warn.constant.SVUID", "serialVersionUID must be constant in class {0}" },
{ "compiler.warn.diamond.redundant.args", "redundant type arguments in new expression (use diamond operator instead)." },
{ "compiler.warn.diamond.redundant.args.1", "redundant type arguments in new expression (use diamond operator instead).\nexplicit: {0}\ninferred: {1}" },
{ "compiler.warn.dir.path.element.not.found", "bad path element \"{0}\": no such directory" },
{ "compiler.warn.div.zero", "division by zero" },
{ "compiler.warn.empty.if",
"empty statement after if" },
{ "compiler.warn.enum.as.identifier", "as of release 5, "enum" is a keyword, and may not be used as an identifier\n(use -source 5 or higher to use "enum" as a keyword)" },
{ "compiler.warn.finally.cannot.complete", "finally clause cannot complete normally" },
{ "compiler.warn.forward.ref", "reference to variable "{0}" before it has been initialized" },
{ "compiler.warn.future.attr", "{0} attribute introduced in version {1}.{2} class files is ignored in version {3}.{4} class files" },
{ "compiler.warn.has.been.deprecated", "{0} in {1} has been deprecated" },
{ "compiler.warn.illegal.char.for.encoding", "unmappable character for encoding {0}" },
{ "compiler.warn.improper.SVUID", "serialVersionUID must be declared static final in class {0}" },
{ "compiler.warn.inexact.non-varargs.call", "non-varargs call of varargs method with inexact argument type for last
parameter;\ncast to {0} for a varargs call\ncast to {1} for a non-varargs call and to suppress this warning" },
{ "compiler.warn.invalid.archive.file", "Unexpected file on path: {0}" },
{ "compiler.warn.lintOption", "[{0}] " },
{ "compiler.warn.long.SVUID", "serialVersionUID must be of type long in class {0}" },
{ "compiler.warn.missing.SVUID", "serializable class {0} has no definition of serialVersionUID" },
{ "compiler.warn.missing.deprecated.annotation", "deprecated item is not annotated with @Deprecated" },
{ "compiler.warn.option.obsolete.source", "source value {0} is obsolete and will be removed in a future release" },
{ "compiler.warn.option.obsolete.suppression", "To suppress warnings about obsolete options, use -Xlint:-options." },
{ "compiler.warn.option.obsolete.target", "target value {0} is obsolete and will be removed in a future release" },
{ "compiler.warn.override.bridge",
"{0}; overridden method is a bridge method" },
{ "compiler.warn.override.equals.but.not.hashcode", "Class {0} overrides equals, but neither it nor any superclass overrides hashCode method" },
{ "compiler.warn.override.unchecked.ret", "{0}\nreturn type requires unchecked conversion from {1} to {2}" },
{ "compiler.warn.override.unchecked.thrown", "{0}\noverridden method does not throw {1}" },
{ "compiler.warn.override.varargs.extra", "{0}; overriding method is missing "..."" },

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        { "compiler.warn.override.varargs.missing", "{0}; overridden method has no "..."" },
        { "compiler.warn.path.element.not.found", "bad path element \"{0}\": no such file or directory" },
        { "compiler.warn.pkg-info.already.seen", "a package-info.java file has already been seen for package {0}" },
        { "compiler.warn.position.overflow", "Position encoding overflows at line {0}" },
        { "compiler.warn.possible.fall-through.into.case",
 "possible fall-through into case" },
        { "compiler.warn.potentially.ambiguous.overload", "{0} in {1} is potentially ambiguous with {2} in {3}" },
        { "compiler.warn.prob.found.req", "{0}\nrequired: {2}\nfound:    {1}" },
        { "compiler.warn.proc.annotations.without.processors", "No processor claimed any of these annotations: {0}"
},
        { "compiler.warn.proc.file.create.last.round", "File for type "{0}" created in the last round will not be subject
to annotation processing." },
        { "compiler.warn.proc.file.reopening", "Attempt to create a file for "{0}" multiple times" },
        { "compiler.warn.proc.illegal.file.name", "Cannot create file for illegal name "{0}"." },
        { "compiler.warn.proc.malformed.supported.string", "Malformed string "{0}" for a supported annotation type
returned by processor "{1}"" },
        { "compiler.warn.proc.messager", "{0}" },
        { "compiler.warn.proc.package.does.not.exist",
 "package {0} does not exist" },
        { "compiler.warn.proc.proc-only.requested.no.procs", "Annotation processing without compilation requested
but no processors were found." },
        { "compiler.warn.proc.processor.incompatible.source.version", "Supported source version "{0}" from
annotation processor "{1}" less than -source "{2}"" },
        { "compiler.warn.proc.suspicious.class.name", "Creating file for a type whose name ends in {1}: "{0}"" },
        { "compiler.warn.proc.type.already.exists", "A file for type "{0}" already exists on the sourcepath or
classpath" },
        { "compiler.warn.proc.type.recreate", "Attempt to create a file for type "{0}" multiple times" },
        { "compiler.warn.proc.unclosed.type.files", "Unclosed files for the types "{0}"; these types will not undergo
annotation processing" },
        { "compiler.warn.proc.unmatched.processor.options", "The following options were not recognized
 by any processor: "{0}"" },
        { "compiler.warn.proc.use.implicit", "Implicitly compiled files were not subject to annotation
processing.\nUse -implicit to specify a policy for implicit compilation." },
        { "compiler.warn.proc.use.proc.or.implicit", "Implicitly compiled files were not subject to annotation
processing.\nUse -proc:none to disable annotation processing or -implicit to specify a policy for implicit
compilation." },
        { "compiler.warn.raw.class.use", "found raw type: {0}\nmissing type arguments for generic class {1}" },
        { "compiler.warn.redundant.cast", "redundant cast to {0}" },
        { "compiler.warn.self.ref", "self-reference in initializer of variable "{0}"" },
        { "compiler.warn.source.no.bootclasspath", "bootstrap class path not set in conjunction with -source {0}" },
        { "compiler.warn.static.not.qualified.by.type", "static {0} should be qualified by type name, {1}, instead of
by an expression"
 },
        { "compiler.warn.sun.proprietary", "{0} is internal proprietary API and may be removed in a future release"
},
        { "compiler.warn.synthetic.name.conflict", "the symbol {0} conflicts with a compiler-synthesized symbol in
{1}" },
        { "compiler.warn.try.explicit.close.call", "explicit call to close() on an auto-closeable resource" },
```

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        { "compiler.warn.try.resource.not.referenced", "auto-closeable resource {0} is never referenced in body of
corresponding try statement" },
        { "compiler.warn.try.resource.throws.interrupted.exc", "auto-closeable resource {0} has a member method
close() that could throw InterruptedException" },
        { "compiler.warn.unchecked.assign", "unchecked assignment: {0} to {1}" },
        { "compiler.warn.unchecked.assign.to.var", "unchecked assignment to variable {0} as member of raw type
{1}" },
        { "compiler.warn.unchecked.call.mbr.of.raw.type", "unchecked call to {0} as a member of
 the raw type {1}" },
        { "compiler.warn.unchecked.cast.to.type", "unchecked cast to type {0}" },
        { "compiler.warn.unchecked.generic.array.creation", "unchecked generic array creation for varargs parameter
of type {0}" },
        { "compiler.warn.unchecked.meth.invocation.applied", "unchecked method invocation: {0} {1} in {4} {5} is
applied to given types\nrequired: {2}\nfound: {3}" },
        { "compiler.warn.unchecked.varargs.non.reifiable.type", "Possible heap pollution from parameterized vararg
type {0}" },
        { "compiler.warn.underscore.as.identifier", ""_" used as an identifier\n(use of "_" as an identifier might not be
supported in releases after Java SE 8)" },
        { "compiler.warn.unexpected.archive.file", "Unexpected extension for archive file: {0}" },
        { "compiler.warn.unknown.enum.constant", "unknown enum constant {1}.{2}" },
        { "compiler.warn.unknown.enum.constant.reason", "unknown enum constant {1}.{2}\nreason:
 {3}" },
        { "compiler.warn.unreachable.catch", "unreachable catch clause\nthrown type {0} has already been caught"
},
        { "compiler.warn.unreachable.catch.1", "unreachable catch clause\nthrown types {0} have already been
caught" },
        { "compiler.warn.varargs.redundant.trustme.anno", "Redundant {0} annotation. {1}" },
        { "compiler.warn.varargs.unsafe.use.varargs.param", "Varargs method could cause heap pollution from non-
reifiable varargs parameter {0}" },
        { "compiler.warn.warning", "warning: " },
      };
   }
}
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/resources/compiler.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jmx/snmp/IPAcl/JDMInformBlock.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jmx/snmp/agent/SnmpMibRequest.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jmx/snmp/agent/SnmpMibSubRequest.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/jgss/spi/GSSCredentialSpi.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/logging/SimpleFormatter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/orbutil/RepositoryIdFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/StringCoding.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javadoc/Main.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/SelectorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jmx/snmp/agent/SnmpGenericObjectServer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/provider/certpath/ForwardState.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/net/ssl/SSLPermission.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jmx/snmp/EnumRowStatus.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jmx/snmp/agent/SnmpMibRequestImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/provider/certpath/X509CertPath.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/rmi/rmid/ExecPermission.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/provider/certpath/KeyChecker.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/provider/certpath/BasicChecker.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/Statement.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javadoc/ModifierFilter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/provider/certpath/Vertex.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/swing/plaf/windows/WindowsRootPaneUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/interceptors/ClientRequestInfoImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/channels/Channels.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/XMLDecoder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/HeadlessToolkit.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/text/CharacterIteratorFieldDelegate.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/SelChImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/imageio/stream/FileCacheImageOutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/tools/keytool/Resources_zh_HK.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/provider/certpath/X509CertificatePair.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/tools/policytool/Resources_zh_HK.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/BuddhistCalendar.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/SelectionKeyImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javadoc/DocLocale.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/rmi/rmid/ExecOptionPermission.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/provider/certpath/CollectionCertStore.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/net/ssl/TrustManagerFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/interceptors/ServerRequestInfoImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/provider/certpath/BuildStep.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/print/attribute/standard/ReferenceUriSchemesSupported.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/net/ssl/KeyManagerFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/agent/SnmpStandardObjectServer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/javax/imageio/stream/FileCacheImageInputStream.java
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```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/transport/DGCImpl_Stub.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/registry/RegistryImpl_Skel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/registry/RegistryImpl_Stub.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/transport/DGCImpl_Skel.java
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* Receive notification of the logical content of a document.
*
* <blockquote>
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* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This is the main interface that most SAX applications
* implement: if the application needs to be informed of basic parsing
* events, it implements this interface and registers an instance with
* the SAX parser using the {@link org.xml.sax.XMLReader#setContentHandler
* setContentHandler} method.  The parser uses
 the instance to report
* basic document-related events like the start and end of elements
* and character data.</p>
*
* <p>The order of events in this interface is very important, and
* mirrors the order of information in the document itself.  For
* example, all of an element's content (character data, processing
* instructions, and/or subelements) will appear, in order, between
* the startElement event and the corresponding endElement event.</p>
*
* <p>This interface is similar to the now-deprecated SAX 1.0
* DocumentHandler interface, but it adds support for Namespaces
* and for reporting skipped entities (in non-validating XML
* processors).</p>
*
* <p>Implementors should note that there is also a
* <code>ContentHandler</code> class in the <code>java.net</code>
```

```
* package; that means that it's probably a bad idea to do</p>
*
* <pre>import java.net.*;
* import org.xml.sax.*;
* </pre>
*
* <p>In fact, "import ...*" is usually a sign of sloppy programming
* anyway,
 so the user should consider this a feature rather than a
* bug.</p>
*
* @since SAX 2.0
* @author David Megginson
* @see org.xml.sax.XMLReader
* @see org.xml.sax.DTDHandler
* @see org.xml.sax.ErrorHandler
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/internal/org/xml/sax/ContentHandler.java
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```
*/
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*/
// NO WARRANTY!  This class is in the public domain.
/**
* Default implementation of the Attributes interface.
*
* <blockquote>
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* for further information.
* </blockquote>
*
* <p>This class provides a default implementation of the SAX2
* {@link org.xml.sax.Attributes Attributes} interface, with the
* addition of manipulators so that the list can be modified or
* reused.</p>
*
* <p>There are two typical uses of this class:</p>
```

```
*
* <ol>
* <li>to take a persistent snapshot of an Attributes object
 *  in a {@link org.xml.sax.ContentHandler#startElement startElement} event; or</li>
* <li>to construct or modify an Attributes object in a SAX2 driver or filter.</li>
* </ol>
*
* <p>This class replaces the now-deprecated SAX1 {@link
* org.xml.sax.helpers.AttributeListImpl AttributeListImpl}
* class; in addition to supporting the updated Attributes
* interface rather than the deprecated {@link org.xml.sax.AttributeList
* AttributeList} interface, it also includes a much more efficient
* implementation using a single array rather than a set of Vectors.</p>
*
* @since JAXB1.0
* @since SAX 2.0
* @author David Megginson
* @version 2.0.1 (sax2r2)
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/bind/util/AttributesImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/DynAny.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/text/html/EditableView.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/DynSequence.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/DynUnion.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/LocationImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/DynArray.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/beancontext/BeanContextServiceProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/javadoc/Parameter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/VMModifiers.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/renderable/ParameterBlock.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/text/html/CommentView.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/ByteValueImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/DynValue.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/DynStruct.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/FieldImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/LocalVariableImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/spi/legacy/connection/LegacyServerSocketEndPointInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/sound/midi/MidiChannel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/omg/CORBA/portable/ValueHelper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/DynEnum.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/legacy/connection/EndPointInfoImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/PropertyExpander.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/DynFixed.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/glassfish/gmbal/InheritedAttributes.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/glassfish/gmbal/InheritedAttribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/glassfish/gmbal/ManagedData.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/glassfish/gmbal/ManagedObjectManagerFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/glassfish/gmbal/ParameterNames.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/glassfish/gmbal/AMXClient.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/glassfish/gmbal/DescriptorFields.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/glassfish/gmbal/ManagedAttribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/glassfish/gmbal/ManagedObject.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/glassfish/gmbal/Description.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/glassfish/gmbal/IncludeSubclass.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/glassfish/gmbal/ManagedObjectManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/glassfish/gmbal/NameValue.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/FileVisitOption.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/glassfish/gmbal/AMXMetadata.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/zip/ZipFile.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/applet/AppletPanel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/zip/ZipEntry.java
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* This is the top level interface for events dealing with DTDs
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* @author Copyright (c) 2009 by Oracle Corporation. All Rights Reserved.
* @since 1.6
*/

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/dv/xs/DecimalDV.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/dv/xs/ListDV.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/dom/NodeListCache.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs10/PKCS10Attributes.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/Collections.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/AccessController.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/crypto/KeyAgreement.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/CertificateExtensions.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/crypto/KeyGenerator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/basic/BasicTextFieldUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/text/html/ImageView.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/www/protocol/jar/Handler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/crypto/SecretKeyFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/net/NetPermission.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/CRLExtensions.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/jvmstat/monitor/AbstractMonitor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jstat/OptionFinder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jstat/Jstat.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/jvmstat/perfdata/monitor/PerfStringConstantMonitor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jstat/JStatLogger.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/sun/jvmstat/perfdata/monitor/PerfLongMonitor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jstat/Arguments.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/Big5_Solaris.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/jvmstat/perfdata/monitor/PerfStringVariableMonitor.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jstat/ExpressionResolver.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/FormattableFlags.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jstat/OptionLister.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/jvmstat/perfdata/monitor/PerfIntegerMonitor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/jvmstat/monitor/Monitor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/corba/Bridge.java
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* @since 1.6
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/VMState.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/SSLSessionContextImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/regex/PatternSyntaxException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs12/PKCS12KeyStore.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/image/BufImgSurfaceData.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/stream/AbstractTask.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/jdeps/ClassFileReader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/provider/certpath/RevocationChecker.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/stream/StreamSpliterators.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdeps/JdepsTask.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/provider/certpath/PKIX.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/stream/IntPipeline.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/stream/SortedOps.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/stream/ReferencePipeline.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/zone/ZoneRules.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/time/zone/TzdbZoneRulesProvider.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/sr/FormatData_sr_Latn_ME.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/KrbTgsRep.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/KrbApReq.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/KrbTgsReq.java

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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/internal/NetClient.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/crypto/CksumType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/PrincipalName.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/KrbAsReq.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/KrbCred.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/Config.java
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/**
* This class extends the SAX2 base handler class to support the
* SAX2 {@link LexicalHandler}, {@link DeclHandler}, and
* {@link EntityResolver2} extensions. Except for overriding the
* original SAX1 {@link DefaultHandler#resolveEntity resolveEntity()}
* method the added handler methods just return. Subclassers may
* override everything on a method-by-method basis.
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* <p> Note: this class might yet learn that the
* ContentHandler.setDocumentLocator() call might be passed a
* {@link
 Locator2} object, and that the
* ContentHandler.startElement() call might be passed a
* {@link Attributes2} object.
*
* @since SAX 2.0 (extensions 1.1 alpha)
* @author David Brownell
*/

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zip/com/sun/xml/internal/fastinfoset/algorithm/BuiltInEncodingAlgorithmFactory.java
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zip/com/sun/xml/internal/org/jvnet/fastinfoset/stax/LowLevelFastInfosetStreamWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/tools/FI_SAX_Or_XML_SAX_SAXEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/util/KeyIntMap.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/tools/XML_DOM_SAX_FI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/stax/events/CharactersEvent.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/sax/Properties.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/util/QualifiedNameArray.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/org/jvnet/fastinfoset/FastInfosetSource.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/stax/EventLocation.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/stax/factory/StAXInputFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/stax/events/EndDocumentEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/util/StringIntMap.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/stax/events/StAXEventWriter.java
*

/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/tools/SAX2StAXWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/EncodingConstants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/Notation.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/stax/events/ProcessingInstructionEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/stax/events/CommentEvent.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/util/ContiguousCharArrayArray.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/org/jvnet/fastinfoset/sax/ExtendedContentHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/util/DuplicateAttributeVerifier.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/org/jvnet/fastinfoset/FastInfosetParser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/stax/events/EntityDeclarationImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/tools/XML_SAX_FI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/Encoder.java
*

/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/tools/XML_SAX_StAX_FI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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*
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/stax/events/EndElementEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/org/jvnet/fastinfoset/RestrictedAlphabet.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/util/ValueArrayResourceException.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/algorithm/IntEncodingAlgorithm.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/stax/events/EmptyIterator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/org/jvnet/fastinfoset/sax/FastInfosetReader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/util/CharArrayIntMap.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/stax/events/AttributeBase.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/util/CharArrayString.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/stax/StAXDocumentSerializer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/stax/events/DTDEvent.java
*

/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/org/jvnet/fastinfoset/sax/RestrictedAlphabetContentHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/stax/events/StAXEventReader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/stax/StAXManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/org/jvnet/fastinfoset/FastInfosetResult.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/stax/util/StAXParserWrapper.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/stax/factory/StAXEventFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/algorithm/DoubleEncodingAlgorithm.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/algorithm/IEEE754FloatingPointEncodingAlgorithm.java
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```
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*  Javadoc's own todo queue doesn't queue its inputs, as javadoc
*  doesn't perform attribution of method bodies or semantic checking.
*
*  <p><b>This is NOT part of any supported API.
*  If you write code that depends on this, you do so at your own risk.
*  This code and its internal interfaces are subject to change or
*  deletion without notice.</b>
*
*  @author Neal Gafter
*/
// do nothing; Javadoc doesn't perform attribution.
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javadoc/JavadocTodo.java
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* questions.
*/
/**
* Basic interface for resolving entities.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
```

```
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>If a SAX application needs to implement customized handling
* for external entities, it must implement this interface and
* register an instance with the SAX driver using the
* {@link org.xml.sax.XMLReader#setEntityResolver setEntityResolver}
* method.</p>
*
* <p>The XML reader will then allow the application to intercept any
* external entities (including the external DTD subset
 and external
* parameter entities, if any) before including them.</p>
*
* <p>Many SAX applications will not need to implement this interface,
* but it will be especially useful for applications that build
* XML documents from databases or other specialised input sources,
* or for applications that use URI types other than URLs.</p>
*
* <p>The following resolver would provide the application
* with a special character stream for the entity with the system
* identifier "http://www.myhost.com/today":</p>
*
* <pre>
* import org.xml.sax.EntityResolver;
* import org.xml.sax.InputSource;
*
* public class MyResolver implements EntityResolver {
*   public InputSource resolveEntity (String publicId, String systemId)
*   {
*     if (systemId.equals("http://www.myhost.com/today")) {
*             // return a special input source
*       MyReader reader = new MyReader();
*       return new InputSource(reader);
*     } else {
*             // use the default behaviour
*
    return null;
*     }
*   }
* }
* </pre>
*
* <p>The application can also use this interface to redirect system
* identifiers to local URIs or to look up replacements in a catalog
* (possibly by using the public identifier).</p>
```

```
*
* @since SAX 1.0
* @author David Megginson
* @see org.xml.sax.XMLReader#setEntityResolver
* @see org.xml.sax.InputSource
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/xml/sax/EntityResolver.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/font/TextAttribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/font/GlyphMetrics.java
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* questions.
*/
/**
* This class is for AWT permissions.
* An <code>AWTPermission</code> contains a target name but
* no actions list; you either have the named permission
* or you don't.
*
* <P>
* The target name is the name of the AWT permission (see below). The naming
* convention follows the hierarchical property naming convention.
* Also, an asterisk could be used to represent all AWT permissions.
*
* <P>
* The following table lists all the possible <code>AWTPermission</code>
* target names, and for each provides a description of what the
* permission allows and a discussion of the risks of granting code
* the permission.
*
* <table border=1 cellpadding=5 summary="AWTPermission target names, descriptions,
```

```
 and associated risks.">
* <tr>
* <th>Permission Target Name</th>
* <th>What the Permission Allows</th>
* <th>Risks of Allowing this Permission</th>
* </tr>
*
* <tr>
*   <td>accessClipboard</td>
*   <td>Posting and retrieval of information to and from the AWT clipboard</td>
*   <td>This would allow malfeasant code to share
* potentially sensitive or confidential information.</td>
* </tr>
*
* <tr>
*   <td>accessEventQueue</td>
*   <td>Access to the AWT event queue</td>
*   <td>After retrieving the AWT event queue,
* malicious code may peek at and even remove existing events
* from its event queue, as well as post bogus events which may purposefully
* cause the application or applet to misbehave in an insecure manner.</td>
* </tr>
*
* <tr>
*   <td>accessSystemTray</td>
*   <td>Access to the AWT SystemTray instance</td>
*   <td>This would allow malicious code to add tray icons to the system tray.
* First, such an icon may look like the icon of some known application
 * (such as a firewall or anti-virus) and order a user to do something unsafe
* (with help of balloon messages). Second, the system tray may be glutted with
* tray icons so that no one could add a tray icon anymore.</td>
* </tr>
*
* <tr>
*   <td>createRobot</td>
*   <td>Create java.awt.Robot objects</td>
*   <td>The java.awt.Robot object allows code to generate native-level
* mouse and keyboard events as well as read the screen. It could allow
* malicious code to control the system, run other programs, read the
* display, and deny mouse and keyboard access to the user.</td>
* </tr>
*
* <tr>
*   <td>fullScreenExclusive</td>
*   <td>Enter full-screen exclusive mode</td>
*   <td>Entering full-screen exclusive mode allows direct access to
* low-level graphics card memory.  This could be used to spoof the
* system, since the program is in direct control of rendering. Depending on
```

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* the implementation, the security warning may not be shown for the windows
* used
 to enter the full-screen exclusive mode (assuming that the {@code
* fullScreenExclusive} permission has been granted to this application). Note
* that this behavior does not mean that the {@code
* showWindowWithoutWarningBanner} permission will be automatically granted to
* the application which has the {@code fullScreenExclusive} permission:
* non-full-screen windows will continue to be shown with the security
* warning.</td>
* </tr>
*
* <tr>
*   <td>listenToAllAWTEvents</td>
*   <td>Listen to all AWT events, system-wide</td>
*   <td>After adding an AWT event listener,
* malicious code may scan all AWT events dispatched in the system,
* allowing it to read all user input (such as passwords).  Each
* AWT event listener is called from within the context of that
* event queue's EventDispatchThread, so if the accessEventQueue
* permission is also enabled, malicious code could modify the
* contents of AWT event queues system-wide, causing the application
* or applet to misbehave
 in an insecure manner.</td>
* </tr>
*
* <tr>
*   <td>readDisplayPixels</td>
*   <td>Readback of pixels from the display screen</td>
*   <td>Interfaces such as the java.awt.Composite interface or the
* java.awt.Robot class allow arbitrary code to examine pixels on the
* display enable malicious code to snoop on the activities of the user.</td>
* </tr>
*
* <tr>
*   <td>replaceKeyboardFocusManager</td>
*   <td>Sets the <code>KeyboardFocusManager</code> for
*       a particular thread.
*   <td>When <code>SecurityManager</code> is installed, the invoking
*       thread must be granted this permission in order to replace
*       the current <code>KeyboardFocusManager</code>.  If permission
*       is not granted, a <code>SecurityException</code> will be thrown.
* </tr>
*
* <tr>
*   <td>setAppletStub</td>
*   <td>Setting the stub which implements Applet container services</td>
*   <td>Malicious code could set an applet's stub and result in unexpected
* behavior
```

```
 or denial of service to an applet.</td>
* </tr>
*
* <tr>
*   <td>setWindowAlwaysOnTop</td>
*   <td>Setting always-on-top property of the window: {@link Window#setAlwaysOnTop}</td>
*   <td>The malicious window might make itself look and behave like a real full desktop, so that
* information entered by the unsuspecting user is captured and subsequently misused </td>
* </tr>
*
* <tr>
*   <td>showWindowWithoutWarningBanner</td>
*   <td>Display of a window without also displaying a banner warning
* that the window was created by an applet</td>
*   <td>Without this warning,
* an applet may pop up windows without the user knowing that they
* belong to an applet.  Since users may make security-sensitive
* decisions based on whether or not the window belongs to an applet
* (entering a username and password into a dialog box, for example),
* disabling this warning banner may allow applets to trick the user
* into entering such information.</td>
* </tr>
*
* <tr>
*   <td>toolkitModality</td>
 *   <td>Creating {@link Dialog.ModalityType#TOOLKIT_MODAL TOOLKIT_MODAL} dialogs
*       and setting the {@link Dialog.ModalExclusionType#TOOLKIT_EXCLUDE
*       TOOLKIT_EXCLUDE} window property.</td>
*   <td>When a toolkit-modal dialog is shown from an applet, it blocks all other
* applets in the browser. When launching applications from Java Web Start,
* its windows (such as the security dialog) may also be blocked by toolkit-modal
* dialogs, shown from these applications.</td>
* </tr>
*
* <tr>
*   <td>watchMousePointer</td>
*   <td>Getting the information about the mouse pointer position at any
* time</td>
*   <td>Constantly watching the mouse pointer,
* an applet can make guesses about what the user is doing, i.e. moving
* the mouse to the lower left corner of the screen most likely means that
* the user is about to launch an application. If a virtual keypad is used
* so that keyboard is emulated using the mouse, an applet may guess what
* is
 being typed.</td>
* </tr>
* </table>
*
```

```
* @see java.security.BasicPermission
* @see java.security.Permission
* @see java.security.Permissions
* @see java.security.PermissionCollection
* @see java.lang.SecurityManager
*
*
* @author Marianne Mueller
* @author Roland Schemers
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/AWTPermission.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/SendingContext/RunTime.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/transaction/InvalidTransactionException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/transaction/TransactionRequiredException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/transaction/TransactionRolledbackException.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/omg/CORBA/portable/UnknownException.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xml/internal/security/keys/content/x509/XMLX509SubjectName.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xml/internal/security/c14n/implementations/NameSpaceSymbTable.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xml/internal/security/transforms/implementations/TransformC14N11.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xml/internal/security/keys/storage/implementations/SingleCertificateResolver.java
*
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xml/internal/security/utils/resolver/ResourceResolverContext.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xml/internal/security/utils/resolver/ResourceResolverSpi.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xml/internal/security/algorithms/MessageDigestAlgorithm.java
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xml/internal/security/c14n/implementations/Canonicalizer20010315.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xml/internal/security/signature/ObjectContainer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xml/internal/security/utils/XalanXPathFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xml/internal/security/keys/KeyInfo.java
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// 4. proprietary property names should have a subsystem
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/orbutil/ORBConstants.java
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*/
// NO WARRANTY! This class is in the public domain.
/**
* Default implementation of the Attributes interface.
*
* <blockquote>
* This module, both source code and documentation, is in the
* Public Domain, and comes with NO WARRANTY.
* </blockquote>
*
* <p>This class provides a default implementation of the SAX2
* {@link org.xml.sax.Attributes Attributes} interface, with the
* addition of manipulators so that the list can be modified or

```
* reused.</p>
*
* <p>There are two typical uses of this class:</p>
*
* <ol>
* <li>to take a persistent snapshot of an Attributes object
*  in a {@link org.xml.sax.ContentHandler#startElement startElement} event; or</li>
* <li>to construct
 or modify an Attributes object in a SAX2 driver or filter.</li>
* </ol>
*
* <p>This class replaces the now-deprecated SAX1 {@link
* org.xml.sax.helpers.AttributeListImpl AttributeListImpl}
* class; in addition to supporting the updated Attributes
* interface rather than the deprecated {@link org.xml.sax.AttributeList
* AttributeList} interface, it also includes a much more efficient
* implementation using a single array rather than a set of Vectors.</p>
*
* <p><b>
*     Auto-generated, do not edit.
* </b></p>
* @since SAX 2.0
* @author David Megginson,
*        <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/internal/jxc/gen/config/AttributesImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/XMLDocumentFragmentScannerImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/XMLScanner.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/XMLEntityManager.java
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*/

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/XML11EntityScanner.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/xs/traversers/XSAttributeChecker.java
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* or visit www.oracle.com if you need additional information or have any
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*/
/**
    * Returns an array containing all of the elements in this list
    * in proper sequence (from first to last element).
    *
    * <p>The returned array will be "safe" in that no references to it are
    * maintained by this list.  (In other words, this method must allocate
    * a new array).  The caller is thus free to modify the returned array.
    *
    * <p>This method acts as bridge between array-based and collection-based
    * APIs.
    *
    * @return an array containing all of the elements in this list in
    *         proper sequence
    */
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/util/IdentityArrayList.java
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* questions.
*/
/**
* This class is for Serializable permissions. A SerializablePermission
* contains a name (also referred to as a "target name") but
* no actions list; you either have the named permission
* or you don't.
*
* <P>
* The target name is the name of the Serializable permission (see below).
*
* <P>
* The following table lists all the possible SerializablePermission target names,
* and for each provides a description of what the permission allows
* and a discussion of the risks of granting code the permission.
*
* <table border=1 cellpadding=5 summary="Permission target name, what the permission allows, and associated
risks">
* <tr>
* <th>Permission Target Name</th>
* <th>What the Permission Allows</th>
 * <th>Risks of Allowing this Permission</th>
* </tr>
*
* <tr>
*   <td>enableSubclassImplementation</td>
*   <td>Subclass implementation of ObjectOutputStream or ObjectInputStream
* to override the default serialization or deserialization, respectively,
* of objects</td>
*   <td>Code can use this to serialize or
* deserialize classes in a purposefully malfeasant manner. For example,
* during serialization, malicious code can use this to
* purposefully store confidential private field data in a way easily accessible
```

```
* to attackers. Or, during deserialization it could, for example, deserialize
* a class with all its private fields zeroed out.</td>
* </tr>
*
* <tr>
*   <td>enableSubstitution</td>
*   <td>Substitution of one object for another during
* serialization or deserialization</td>
*   <td>This is dangerous because malicious code
* can replace the actual object with one which has incorrect or
* malignant data.</td>
* </tr>
*
* </table>
*
* @see java.security.BasicPermission
 * @see java.security.Permission
* @see java.security.Permissions
* @see java.security.PermissionCollection
* @see java.lang.SecurityManager
*
*
* @author Joe Fialli
* @since 1.2
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/SerializablePermission.java
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/peer/ContainerPeer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/applet/AppletViewerPanel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/CharacterEncoder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/LayoutManager.java
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zip/com/sun/org/apache/xml/internal/resolver/CatalogManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xml/internal/resolver/tools/ResolvingParser.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xml/internal/resolver/tools/ResolvingXMLReader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xml/internal/resolver/Resolver.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xml/internal/resolver/tools/CatalogResolver.java

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zip/sun/text/resources/sr/FormatData_sr_BA.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/resources/sr/FormatData_sr_CS.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/internal/crypto/DesMacKCksumType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/internal/crypto/RsaMd5DesCksumType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/internal/crypto/NullEType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/internal/EncKrbPrivPart.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/internal/AuthorizationDataEntry.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/internal/crypto/crc32.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/internal/crypto/DesMacCksumType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/internal/crypto/RsaMd5CksumType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/internal/Authenticator.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jdi/BooleanType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/acl/package-info.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/media/sound/Printer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/doclets/formats/html/ClassUseWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/security/auth/login/Configuration.java
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jdi/ShortValue.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/doclets/formats/html/PackageUseWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/PrivilegedExceptionAction.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/basic/BasicFileChooserUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jdi/ClassLoaderReference.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/interfaces/RSAPrivateKey.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/event/InternalFrameListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/image/IntegerInterleavedRaster.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/text/html/HTMLWriter.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jdi/LongValue.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/javadoc/package-info.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jdi/VoidValue.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jdi/ThreadGroupReference.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/cert/CertificateFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jdi/InvalidLineNumberException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jdi/VoidType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jdi/InterfaceType.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jdi/event/MethodExitEvent.java
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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/AllPermission.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/sql/Struct.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/dnd/DragGestureEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/SunHints.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/print/PSPrinterJob.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/metal/MetalScrollPaneUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jdi/StringReference.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jdi/IncompatibleThreadStateException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jdi/event/ClassUnloadEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/metal/MetalLookAndFeel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jdi/connect/AttachingConnector.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/javadoc/Tag.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jdi/ShortType.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/resolver/INSURLOperationImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/net/URLDecoder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/tree/AbstractLayoutCache.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jdi/connect/package-info.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/event/MenuKeyEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/text/html/Option.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/KeyboardManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jdi/DoubleValue.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/metal/MetalTabbedPaneUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/sql/SQLOutput.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jdi/IntegerValue.java
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zip/javax/swing/plaf/metal/MetalTreeUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jdi/event/package-info.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jdi/ObjectReference.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/event/InvocationEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jdi/Value.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/AppContext.java
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jdi/event/WatchpointEvent.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jdi/ByteValue.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jdi/request/MethodEntryRequest.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/metal/MetalSplitPaneDivider.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/print/RasterPrinterJob.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/doclets/internal/toolkit/util/DocFile.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jdi/Bootstrap.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/daemon/SnmpSubBulkRequestHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/doclets/internal/toolkit/util/ClassUseMapper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/interfaces/package-info.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/ArrayCacheConst.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/DCollinearSimplifier.java
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*/
/**
    * Create
 a new <code>LSParser</code>. The newly constructed parser may
    * then be configured by means of its <code>DOMConfiguration</code>
    * object, and used to parse documents by means of its <code>parse</code>
    *  method.
    * @param mode  The <code>mode</code> argument is either
    *   <code>MODE_SYNCHRONOUS</code> or <code>MODE_ASYNCHRONOUS</code>, if
    *   <code>mode</code> is <code>MODE_SYNCHRONOUS</code> then the
    *   <code>LSParser</code> that is created will operate in synchronous
    *   mode, if it's <code>MODE_ASYNCHRONOUS</code> then the
    *   <code>LSParser</code> that is created will operate in asynchronous
    *   mode.
    * @param schemaType  An absolute URI representing the type of the schema
    *   language used during the load of a <code>Document</code> using the
```

```
    *   newly created <code>LSParser</code>. Note that no lexical checking
    *   is done on the absolute URI. In order to create a
    *   <code>LSParser</code> for any kind of
 schema types (i.e. the
    *   LSParser will be free to use any schema found), use the value
    *   <code>null</code>.
    * <p ><b>Note:</b>    For W3C XML Schema [<a href='http://www.w3.org/TR/2001/REC-xmlschema-1-
20010502/'>XML Schema Part 1</a>]
    *   , applications must use the value
    *   <code>"http://www.w3.org/2001/XMLSchema"</code>. For XML DTD [<a
href='http://www.w3.org/TR/2004/REC-xml-20040204'>XML 1.0</a>],
    *   applications must use the value
    *   <code>"http://www.w3.org/TR/REC-xml"</code>. Other Schema languages
    *   are outside the scope of the W3C and therefore should recommend an
    *   absolute URI in order to use this method.
    * @return  The newly created <code>LSParser</code> object. This
    *   <code>LSParser</code> is either synchronous or asynchronous
    *   depending on the value of the <code>mode</code> argument.
    * <p ><b>Note:</b>    By default, the newly created <code>LSParser</code>
    *   does not contain a <code>DOMErrorHandler</code>,
 i.e. the value of
    *   the "<a href='http://www.w3.org/TR/DOM-Level-3-Core/core.html#parameter-error-handler'>
    *   error-handler</a>" configuration parameter is <code>null</code>. However, implementations
    *   may provide a default error handler at creation time. In that case,
    *   the initial value of the <code>"error-handler"</code> configuration
    *   parameter on the new <code>LSParser</code> object contains a
    *   reference to the default error handler.
    * @exception DOMException
    *    NOT_SUPPORTED_ERR: Raised if the requested mode or schema type is
    *   not supported.
    */
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/w3c/dom/ls/DOMImplementationLS.java
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/hi/CollationData_hi.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/Bits.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/transport/CorbaConnectionCacheBase.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/COMPOUND_TEXT_Encoder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/CompoundTextSupport.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/pept/transport/ConnectionCache.java
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/geom/Rectangle2D.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/ListSelectionModel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/ListUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/portable/ObjectImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/org/omg/CORBA/INVALID_TRANSACTION.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/activation/registries/MailcapTokenizer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jmx/snmp/IPAcl/ParseException.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/x509/CertificateSubjectName.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/omg/CORBA/TRANSACTION_REQUIRED.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/geom/Ellipse2D.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/util/ByteArrayLexOrder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/util/ByteArrayTagOrder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/text/LabelView.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/swing/plaf/windows/WindowsMenuBarUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/font/FontDesignMetrics.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/multi/MultiPopupMenuUI.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/x509/CertificateIssuerName.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/ButtonModel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/swing/plaf/windows/WindowsToolBarUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/undo/AbstractUndoableEdit.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/swing/plaf/windows/WindowsToggleButtonUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/BufferedImageOp.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/swing/plaf/motif/MotifComboBoxUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/swing/plaf/motif/MotifRadioButtonMenuItemUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/swing/plaf/windows/WindowsCheckBoxMenuItemUI.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/swing/plaf/windows/WindowsRadioButtonMenuItemUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/basic/BasicPasswordFieldUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/accessibility/AccessibleResourceBundle.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/Bounds.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/multi/MultiTextUI.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/loops/GraphicsPrimitiveMgr.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/BitArray.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs/PKCS9Attributes.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/swing/plaf/windows/WindowsButtonUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/swing/plaf/motif/MotifCheckBoxMenuItemUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/IPAcl/ParseError.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/geom/RoundRectangle2D.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/print/Paper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/datatransfer/MimeTypeParseException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/AbstractSequentialList.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/WrongTransaction.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/TRANSACTION_ROLLEDBACK.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/Autoscroller.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/UnsupportedOperationException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/tree/TreeCellEditor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/swing/plaf/motif/MotifTreeUI.java
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*******************************************************************************
 */
/**
* <code>ReplaceableString</code> is an adapter class that implements the
* <code>Replaceable</code> API around an ordinary <code>StringBuffer</code>.
*
* <p><em>Note:</em> This class does not support attributes and is not
* intended for general use.  Most clients will need to implement
* {@link Replaceable} in their text representation class.
*
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*
* @see Replaceable
* @author Alan Liu
* @stable ICU 2.0
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/normalizer/ReplaceableString.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/KrbAsReqBuilder.java
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```
/**
* The XMLStreamWriter interface specifies how to write XML.  The XMLStreamWriter  does
* not perform well formedness checking on its input.  However
* the writeCharacters method is required to escape &amp; , &lt; and &gt;
* For attribute values the writeAttribute method will escape the
* above characters plus &quot; to ensure that all character content
* and attribute values are well formed.
*
* Each NAMESPACE
* and ATTRIBUTE must be individually written.
*
* <table border="1" cellpadding="2" cellspacing="0">
*     <thead>
*         <tr>
*             <th colspan="5">XML Namespaces, <code>javax.xml.stream.isRepairingNamespaces</code> and write
method behaviour</th>
*         </tr>
*         <tr>
 *             <th>Method</th> <!-- method -->
*             <th colspan="2"><code>isRepairingNamespaces</code> == true</th>
*             <th colspan="2"><code>isRepairingNamespaces</code> == false</th>
*         </tr>
*         <tr>
*             <th></th> <!-- method -->
*             <th>namespaceURI bound</th>
*             <th>namespaceURI unbound</th>
*             <th>namespaceURI bound</th>
*             <th>namespaceURI unbound</th>
*         </tr>
*     </thead>
*
*     <tbody>
*         <tr>
*             <th><code>writeAttribute(namespaceURI, localName, value)</code></th>
*             <!-- isRepairingNamespaces == true -->
*             <td>
*                 <!-- namespaceURI bound -->
*                 prefix:localName="value" <sup>[1]</sup>
*             </td>
*             <td>
*                 <!-- namespaceURI unbound -->
*                 xmlns:{generated}="namespaceURI" {generated}:localName="value"
*             </td>
*
  <!-- isRepairingNamespaces == false -->
*             <td>
*                 <!-- namespaceURI bound -->
*                 prefix:localName="value" <sup>[1]</sup>
```

```
*          </td>
*          <td>
*             <!-- namespaceURI unbound -->
*             <code>XMLStreamException</code>
*          </td>
*       </tr>
*
*       <tr>
*          <th><code>writeAttribute(prefix, namespaceURI, localName, value)</code></th>
*          <!-- isRepairingNamespaces == true -->
*          <td>
*             <!-- namespaceURI bound -->
*             bound to same prefix:<br />
*             prefix:localName="value" <sup>[1]</sup><br />
*             <br />
*             bound to different prefix:<br />
*             xmlns:{generated}="namespaceURI" {generated}:localName="value"
*          </td>
*          <td>
*             <!-- namespaceURI unbound -->
*             xmlns:prefix="namespaceURI" prefix:localName="value" <sup>[3]</sup>
 *          </td>
*          <!-- isRepairingNamespaces == false -->
*          <td>
*             <!-- namespaceURI bound -->
*             bound to same prefix:<br />
*             prefix:localName="value" <sup>[1][2]</sup><br />
*             <br />
*             bound to different prefix:<br />
*             <code>XMLStreamException</code><sup>[2]</sup>
*          </td>
*          <td>
*             <!-- namespaceURI unbound -->
*             xmlns:prefix="namespaceURI" prefix:localName="value" <sup>[2][5]</sup>
*          </td>
*       </tr>
*
*       <tr>
*          <th><code>writeStartElement(namespaceURI, localName)</code><br />
*             <br />
*             <code>writeEmptyElement(namespaceURI, localName)</code></th>
*          <!-- isRepairingNamespaces == true -->
*          <td >
*             <!-- namespaceURI bound -->
 *             &lt;prefix:localName&gt; <sup>[1]</sup>
*          </td>
*          <td>
*             <!-- namespaceURI unbound -->
```

```
*            &lt;{generated}:localName xmlns:{generated}="namespaceURI"&gt;
*         </td>
*         <!-- isRepairingNamespaces == false -->
*         <td>
*            <!-- namespaceURI bound -->
*            &lt;prefix:localName&gt; <sup>[1]</sup>
*         </td>
*         <td>
*            <!-- namespaceURI unbound -->
*            <code>XMLStreamException</code>
*         </td>
*      </tr>
*
*      <tr>
*         <th><code>writeStartElement(prefix, localName, namespaceURI)</code><br />
*            <br />
*            <code>writeEmptyElement(prefix, localName, namespaceURI)</code></th>
*         <!-- isRepairingNamespaces == true -->
*         <td>
*            <!-- namespaceURI bound -->
*            bound to same prefix:<br
 />
*            &lt;prefix:localName&gt; <sup>[1]</sup><br />
*            <br />
*            bound to different prefix:<br />
*            &lt;{generated}:localName xmlns:{generated}="namespaceURI"&gt;
*         </td>
*         <td>
*            <!-- namespaceURI unbound -->
*            &lt;prefix:localName xmlns:prefix="namespaceURI"&gt; <sup>[4]</sup>
*         </td>
*         <!-- isRepairingNamespaces == false -->
*         <td>
*            <!-- namespaceURI bound -->
*            bound to same prefix:<br />
*            &lt;prefix:localName&gt; <sup>[1]</sup><br />
*            <br />
*            bound to different prefix:<br />
*            <code>XMLStreamException</code>
*         </td>
*         <td>
*            <!-- namespaceURI unbound -->
*            &lt;prefix:localName&gt; 
*         </td>
*      </tr>
*   </tbody>
 *   <tfoot>
*      <tr>
```

```
*            <td colspan="5">
*               Notes:
*               <ul>
*                  <li>[1] if namespaceURI == default Namespace URI, then no prefix is written</li>
*                  <li>[2] if prefix == "" || null && namespaceURI == "", then no prefix or Namespace declaration is
generated or written</li>
*                  <li>[3] if prefix == "" || null, then a prefix is randomly generated</li>
*                  <li>[4] if prefix == "" || null, then it is treated as the default Namespace and no prefix is generated or
written, an xmlns declaration is generated and written if the namespaceURI is unbound</li>
*                  <li>[5] if prefix == "" || null, then it is treated as an invalid attempt to define the default Namespace
and an XMLStreamException is thrown</li>
*               </ul>
*            </td>
*         </tr>
*      </tfoot>
* </table>
*
* @version 1.0
* @author Copyright (c) 2009 by
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* @see XMLOutputFactory
* @see XMLStreamReader
* @since 1.6
*/
```

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*/
/**
    * Returns the permissions for the given codesource object.
    * The implementation of this method first calls super.getPermissions
    * and then adds permissions based on the URL of the codesource.
    * <p>
    * If the protocol of this URL is "jar", then the permission granted
    * is based on the permission that is required by the URL of the Jar
    * file.
    * <p>
    * If the protocol is "file" and there is an authority component, then
    * permission to connect to and accept connections from that authority
    * may be granted. If the protocol is "file"
    * and the path specifies a file, then permission to read that
    * file is granted. If protocol is "file" and the path
 is
    * a directory, permission is granted to read all files
    * and (recursively) all files and subdirectories contained in
    * that directory.
    * <p>
    * If the protocol is not "file", then permission
    * to connect to and accept connections from the URL's host is granted.
    * @param codesource the codesource
    * @exception NullPointerException if {@code codesource} is {@code null}.
    * @return the permissions granted to the codesource
    */
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/modelmbean/DescriptorSupport.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/modelmbean/RequiredModelMBean.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/PersistentMBean.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/Descriptor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/modelmbean/ModelMBeanOperationInfo.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/modelmbean/ModelMBeanNotificationInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/modelmbean/ModelMBeanNotificationBroadcaster.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/modelmbean/ModelMBeanInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/modelmbean/ModelMBeanConstructorInfo.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/NavigableSet.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/xpath/XPathFactoryFinder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/DESedeWrapCipher.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/X509KeyManagerImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/AESWrapCipher.java
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zip/sun/text/normalizer/UCharacterIterator.java
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* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
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* </blockquote>
*
* <p>This class is designed to sit between an {@link org.xml.sax.XMLReader
* XMLReader} and the client application's event handlers.  By default, it
* does nothing but pass requests up to the reader and events
* on to the handlers unmodified, but subclasses can override
* specific methods to modify the event stream or the configuration
 * requests as they pass through.</p>
*
* @since SAX 2.0
* @author David Megginson
* @see org.xml.sax.XMLFilter
```

```
* @see org.xml.sax.XMLReader
* @see org.xml.sax.EntityResolver
* @see org.xml.sax.DTDHandler
* @see org.xml.sax.ContentHandler
* @see org.xml.sax.ErrorHandler
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/**
   * Returns an <code>Iterator</code> over all the immediate child
   * {@link Node}s of this element. This includes <code>javax.xml.soap.Text</code>
   * objects as well as <code>SOAPElement</code> objects.
   * <p>
   * Calling this method may cause child <code>Element</code>,
   * <code>SOAPElement</code> and <code>org.w3c.dom.Text</code> nodes to be
   * replaced by <code>SOAPElement</code>, <code>SOAPHeaderElement</code>,
   * <code>SOAPBodyElement</code> or <code>javax.xml.soap.Text</code> nodes as
   * appropriate for the type of this parent node. As a result the calling
   * application must treat any existing references to these child nodes that
```

```
   * have been obtained through
 DOM APIs as invalid and either discard them or
   * refresh them with the values returned by this <code>Iterator</code>. This
   * behavior can be avoided by calling the equivalent DOM APIs. See
   * {@link <a HREF="package-summary.html#package_description">javax.xml.soap<a>}
   * for more details.
   *
   * @return an iterator with the content of this <code>SOAPElement</code>
   *        object
   */
```

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zip/java/time/format/DateTimeTextProvider.java
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*/
/**
* The Permission class for reflective operations.
* <P>
* The following table
* provides a summary description of what the permission allows,

```
* and discusses the risks of granting code the permission.
*
* <table border=1 cellpadding=5 summary="Table shows permission target name, what the permission allows, and
associated risks">
* <tr>
* <th>Permission Target Name</th>
* <th>What the Permission Allows</th>
* <th>Risks of Allowing this Permission</th>
* </tr>
*
* <tr>
*   <td>suppressAccessChecks</td>
*   <td>ability to suppress the standard Java language access checks
*       on fields and methods in a class; allow access not only public members
*       but also allow access to default
 (package) access, protected,
*       and private members.</td>
*   <td>This is dangerous in that information (possibly confidential) and
*       methods normally unavailable would be accessible to malicious code.</td>
* </tr>
* <tr>
*   <td>newProxyInPackage.{package name}</td>
*   <td>ability to create a proxy instance in the specified package of which
*       the non-public interface that the proxy class implements.</td>
*   <td>This gives code access to classes in packages to which it normally
*       does not have access and the dynamic proxy class is in the system
*       protection domain. Malicious code may use these classes to
*       help in its attempt to compromise security in the system.</td>
* </tr>
*
* </table>
*
* @see java.security.Permission
* @see java.security.BasicPermission
* @see AccessibleObject
* @see Field#get
* @see Field#set
* @see Method#invoke
* @see Constructor#newInstance
* @see Proxy#newProxyInstance
*
* @since 1.2
*/

Found in
 path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/reflect/ReflectPermission.java
```

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```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/es/FormatData_es_DO.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/en/FormatData_en_NZ.java
*

/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/resources/es/FormatData_es_MX.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/resources/sq/FormatData_sq.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/resources/es/FormatData_es_HN.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/resources/es/FormatData_es_PA.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/resources/en/FormatData_en_ZA.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/resources/es/FormatData_es_CO.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/resources/no/FormatData_no_NO_NY.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/resources/es/FormatData_es_AR.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/resources/en/FormatData_en_AU.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/resources/es/FormatData_es_CR.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/resources/es/FormatData_es_BO.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/resources/pt/FormatData_pt_BR.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/resources/es/FormatData_es_GT.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/resources/es/FormatData_es_NI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/resources/es/FormatData_es_VE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/resources/es/FormatData_es_SV.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/resources/es/FormatData_es_PR.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/resources/es/FormatData_es_PY.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/resources/es/FormatData_es_UY.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/RescaleOp.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/BufferedImageFilter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/RasterOp.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/text/rtf/RTFEditorKit.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/GeneralNameInterface.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/LookupTable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/text/Style.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CosNaming/_NamingContextImplBase.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/UnionMember.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/ORBPackage/InvalidName.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/SwingConstants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CosNaming/_BindingIteratorImplBase.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/swing/plaf/windows/WindowsOptionPaneUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/LookupOp.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/PopupMenuUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/color/ProfileDataException.java
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* @since 1.6
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/protocol/INSServerRequestDispatcher.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/dom/NotationImpl.java
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/dom/events/MutationEventImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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*
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/xs/models/XSCMBinOp.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/dom/DeferredProcessingInstructionImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/dv/dtd/NOTATIONDatatypeValidator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/dom/TreeWalkerImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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*
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xml/internal/serialize/LineSeparator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/dom/ElementDefinitionImpl.java
*
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zip/com/sun/org/apache/xml/internal/serialize/DOMSerializer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/xpath/regex/Match.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/dom/PSVIDOMImplementationImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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zip/com/sun/org/apache/xml/internal/serialize/SerializerFactoryImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/dom/DeepNodeListImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/Bits.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/ServerSocketAdaptor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/openmbean/TabularDataSupport.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/FileChannelImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/jgss/krb5/InitSecContextToken.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/nio/channels/spi/AbstractSelectableChannel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/net/NetworkInterface.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/util/AuthResources_sv.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/FileDispatcherImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/tools/policytool/Resources_sv.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/Resources_sv.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/util/prefs/FileSystemPreferences.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/SocketAdaptor.java
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/**
* Basic interface for SAX error handlers.
*
* <blockquote>
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* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>If a SAX application needs to implement customized error
* handling, it must implement this interface and then register an
* instance with the XML reader using the
* {@link org.xml.sax.XMLReader#setErrorHandler setErrorHandler}
* method.  The parser will then report all errors and warnings
* through this interface.</p>
*
* <p><strong>WARNING:</strong> If an application does <em>not</em>
 * register an ErrorHandler, XML parsing errors will go unreported,
* except that <em>SAXParseException</em>s will be thrown for fatal errors.
* In order to detect validity errors, an ErrorHandler that does something
* with {@link #error error()} calls must be registered.</p>
*
* <p>For XML processing errors, a SAX driver must use this interface
* in preference to throwing an exception: it is up to the application
* to decide whether to throw an exception for different types of
* errors and warnings.  Note, however, that there is no requirement that
```

* the parser continue to report additional errors after a call to
* {@link #fatalError fatalError}. In other words, a SAX driver class
* may throw an exception after reporting any fatalError.
* Also parsers may throw appropriate exceptions for non-XML errors.
* For example, {@link XMLReader#parse XMLReader.parse()} would throw
* an IOException for errors accessing entities or the document.</p>
*
* @since SAX 1.0
* @author
 David Megginson
* @see org.xml.sax.XMLReader#setErrorHandler
* @see org.xml.sax.SAXParseException
*/

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/dom/CoreDocumentImpl.java
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* Receive notification of the logical content of a document.
*
* <blockquote>
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* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This is the main interface that most SAX applications
* implement: if the application needs to be informed of basic parsing
* events, it implements this interface and registers an instance with
* the SAX parser using the {@link org.xml.sax.XMLReader#setContentHandler
* setContentHandler} method.  The parser uses
 the instance to report
* basic document-related events like the start and end of elements
* and character data.</p>
*
* <p>The order of events in this interface is very important, and
* mirrors the order of information in the document itself.  For
* example, all of an element's content (character data, processing
* instructions, and/or subelements) will appear, in order, between
* the startElement event and the corresponding endElement event.</p>
*
* <p>This interface is similar to the now-deprecated SAX 1.0
```

```
* DocumentHandler interface, but it adds support for Namespaces
* and for reporting skipped entities (in non-validating XML
* processors).</p>
*
* <p>Implementors should note that there is also a
* <code>ContentHandler</code> class in the <code>java.net</code>
* package; that means that it's probably a bad idea to do</p>
*
* <pre>import java.net.*;
* import org.xml.sax.*;
* </pre>
*
* <p>In fact, "import ...*" is usually a sign of sloppy programming
* anyway,
 so the user should consider this a feature rather than a
* bug.</p>
*
* @since SAX 2.0
* @author David Megginson
* @see org.xml.sax.XMLReader
* @see org.xml.sax.DTDHandler
* @see org.xml.sax.ErrorHandler
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/dtd/models/CMStateSet.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/dtd/models/CMUniOp.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/dv/InvalidDatatypeValueException.java
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*/
/**
* Default base class for handlers.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This class implements the default behaviour for four SAX1
* interfaces: EntityResolver, DTDHandler, DocumentHandler,
* and ErrorHandler.  It is now obsolete, but is included in SAX2 to
* support legacy SAX1 applications.  SAX2 applications should use
* the {@link org.xml.sax.helpers.DefaultHandler DefaultHandler}
* class instead.</p>
*
* <p>Application writers can extend this class when
```

```
 they need to
* implement only part of an interface; parser writers can
* instantiate this class to provide default handlers when the
* application has not supplied its own.</p>
*
* <p>Note that the use of this class is optional.</p>
*
* @deprecated This class works with the deprecated
*            {@link org.xml.sax.DocumentHandler DocumentHandler}
*            interface.  It has been replaced by the SAX2
*            {@link org.xml.sax.helpers.DefaultHandler DefaultHandler}
*            class.
* @since SAX 1.0
* @author David Megginson
* @see org.xml.sax.EntityResolver
* @see org.xml.sax.DTDHandler
* @see org.xml.sax.DocumentHandler
* @see org.xml.sax.ErrorHandler
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/xml/sax/HandlerBase.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/FloatArrayCache.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/MarlinConst.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/MarlinUtils.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/ByteArrayCache.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/DoubleArrayCache.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/IntArrayCache.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/DRendererContext.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/RendererStats.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/RendererContext.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/Version.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/stats/Histogram.java
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/httpserver/ChunkedOutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/hat/Main.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/httpserver/HttpError.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/model/FilteredMemberList.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/basic/DragRecognitionSupport.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/httpserver/StreamClosedException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/imageio/plugins/gif/GIFWritableImageMetadata.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/VMOptionCompositeData.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/lang/model/type/ErrorType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/mbeanserver/WeakIdentityHashMap.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/MonitorInfoImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/mbeanserver/MXBeanSupport.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/mbeanserver/MXBeanProxy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/StackTraceElementCompositeData.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/mbeanserver/Util.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/mbeanserver/MXBeanIntrospector.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/internal/crypto/dk/ArcFourCrypto.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/SubRegionShowable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/mbeanserver/StandardMBeanSupport.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/www/http/KeepAliveStreamCleaner.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/opengl/OGLGraphicsConfig.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/mbeanserver/MXBeanLookup.java
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```
package com.sun.tools.javac.resources;

public final class compiler_zh_CN extends java.util.ListResourceBundle {
   protected final Object[][] getContents() {
      return new Object[][] {
         { "compiler.err.abstract.cant.be.accessed.directly",
"\u65E0\u6CD5\u76F4\u63A5\u8BBF\u95EE{2}\u4E2D\u7684\u62BD\u8C61{0} {1}" },
         { "compiler.err.abstract.cant.be.instantiated", "{0}\u662F\u62BD\u8C61\u7684;
\u65E0\u6CD5\u5B9E\u4F8B\u5316" },
         { "compiler.err.abstract.meth.cant.have.body",
"\u62BD\u8C61\u65B9\u6CD5\u4E0D\u80FD\u6709\u4E3B\u4F53" },
         { "compiler.err.already.annotated", "{0} {1}\u5DF2\u8FDB\u884C\u6CE8\u91CA" },
         { "compiler.err.already.defined", "\u5DF2\u5728{2} {3}\u4E2D\u5B9A\u4E49\u4E86{0} {1}" },
         { "compiler.err.already.defined.in.clinit", "\u5DF2\u5728{3} {4}\u7684{2}\u4E2D\u5B9A\u4E49\u4E86{0}
{1}" },
         { "compiler.err.already.defined.single.import",
```

"{0}\u7684 single-type-import
\u5DF2\u5B9A\u4E49\u5177\u6709\u76F8\u540C\u7B80\u540D\u7684\u7C7B\u578B" },
{ "compiler.err.already.defined.static.single.import", "{0}\u7684\u9759\u6001 single-type-import
\u5DF2\u5B9A\u4E49\u5177\u6709\u76F8\u540C\u7B80\u540D\u7684\u7C7B\u578B" },
{ "compiler.err.already.defined.this.unit",
"\u5DF2\u5728\u8BE5\u7F16\u8BD1\u5355\u5143\u4E2D\u5B9A\u4E49{0}" },
{ "compiler.err.annotation.missing.default.value", "\u5BF9\u4E8E\u5143\u7D20 "{1}", \u6CE8\u91CA
@{0} \u7F3A\u5C11\u9ED8\u8BA4\u503C" },
{ "compiler.err.annotation.missing.default.value.1", "\u5BF9\u4E8E\u5143\u7D20{1}, \u6CE8\u91CA @{0}
\u7F3A\u5C11\u9ED8\u8BA4\u503C" },
{ "compiler.err.annotation.not.valid.for.type",
"\u6CE8\u91CA\u5BF9\u4E8E\u7C7B\u578B{0}\u7684\u5143\u7D20\u65E0\u6548" },
{ "compiler.err.annotation.type.not.applicable",
"\u6CE8\u91CA\u7C7B\u578B\u4E0D\u9002\u7528\u4E8E\u8BE5\u7C7B\u578B\u7684\u58F0\u660E"
},
{ "compiler.err.annotation.value.must.be.annotation",
"\u6CE8\u91CA\u503C\u5FC5\u987B\u4E3A\u6CE8\u91CA" },
{ "compiler.err.annotation.value.must.be.class.literal",
"\u6CE8\u91CA\u503C\u5FC5\u987B\u4E3A\u7C7B\u6587\u5B57" },
{ "compiler.err.annotation.value.must.be.name.value", "\u6CE8\u91CA\u503C\u5FC5\u987B\u91C7\u7528
"name=value" \u683C\u5F0F" },
{ "compiler.err.annotation.value.not.allowable.type",
"\u6CE8\u91CA\u503C\u4E0D\u662F\u5141\u8BB8\u7684\u7C7B\u578B" },
{ "compiler.err.annotations.after.type.params.not.supported.in.source", "-source {0}
\u4E2D\u4E0D\u652F\u6301\u65B9\u6CD5\u7C7B\u578B\u53C2\u6570\u540E\u7684\u6CE8\u91CA\n(\u8BF7\u
4F7F\u7528 -source 8
\u6216\u66F4\u9AD8\u7248\u672C\u4EE5\u542F\u7528\u65B9\u6CD5\u7C7B\u578B\u53C2\u6570\u540E\u7684
\u6CE8\u91CA)" },
{ "compiler.err.annotations.not.supported.in.source", "-source {0}
\u4E2D\u4E0D\u652F\u6301\u6CE8\u91CA\n(\u8BF7\u4F7F\u7528
-source 5 \u6216\u66F4\u9AD8\u7248\u672C\u4EE5\u542F\u7528\u6CE8\u91CA)" },
{ "compiler.err.anon.class.impl.intf.no.args", "\u533F\u540D\u7C7B\u5B9E\u73B0\u63A5\u53E3;
\u4E0D\u80FD\u6709\u53C2\u6570" },
{ "compiler.err.anon.class.impl.intf.no.qual.for.new", "\u533F\u540D\u7C7B\u5B9E\u73B0\u63A5\u53E3;
\u4E0D\u80FD\u6709\u9650\u5B9A\u7B26 - \u5BF9\u4E8E\u65B0" },
{ "compiler.err.anon.class.impl.intf.no.typeargs", "\u533F\u540D\u7C7B\u5B9E\u73B0\u63A5\u53E3;
\u4E0D\u80FD\u5177\u6709\u7C7B\u578B\u53C2\u6570" },
{ "compiler.err.array.and.receiver",
"\u63A5\u6536\u65B9\u53C2\u6570\u4E0D\u5141\u8BB8\u4F7F\u7528\u4F20\u7EDF\u6570\u7EC4\u8BB0\u53
F7" },
{ "compiler.err.array.and.varargs",
"\u65E0\u6CD5\u5728{2}\u4E2D\u540C\u65F6\u58F0\u660E{0}\u548C{1}" },
{ "compiler.err.array.dimension.missing", "\u7F3A\u5C11\u6570\u7EC4\u7EF4" },
{ "compiler.err.array.req.but.found", "\u9700\u8981\u6570\u7EC4, \u4F46\u627E\u5230{0}"
},
{ "compiler.err.assert.as.identifier", "\u4ECE\u53D1\u884C\u7248 1.4 \u5F00\u59CB, "assert"
\u662F\u4E00\u4E2A\u5173\u952E\u5B57,
\u4F46\u4E0D\u80FD\u7528\u4F5C\u6807\u8BC6\u7B26\n(\u8BF7\u4F7F\u7528 -source 1.3

\u6216\u66F4\u4F4E\u7248\u672C\u4EE5\u5C06 "assert" \u7528\u4F5C\u6807\u8BC6\u7B26)" },
{ "compiler.err.attribute.value.must.be.constant",
"\u5143\u7D20\u503C\u5FC5\u987B\u4E3A\u5E38\u91CF\u8868\u8FBE\u5F0F" },
{ "compiler.err.bad.functional.intf.anno", "\u610F\u5916\u7684 @FunctionalInterface \u6CE8\u91CA" },
{ "compiler.err.bad.functional.intf.anno.1", "\u610F\u5916\u7684 @FunctionalInterface
\u6CE8\u91CA\n{0}" },
{ "compiler.err.bad.initializer", "{0}\u7684\u521D\u59CB\u5316\u7A0B\u5E8F\u9519\u8BEF" },
{ "compiler.err.break.outside.switch.loop", "\u5728 switch \u6216 loop \u5916\u90E8\u4E2D\u65AD" },
{ "compiler.err.call.must.be.first.stmt.in.ctor",
"\u5BF9{0}\u7684\u8C03\u7528\u5FC5\u987B\u662F\u6784\u9020\u5668\u4E2D\u7684\u7B2C\u4E00\u4E2A\u8
BED\u53E5"
},
{ "compiler.err.call.to.super.not.allowed.in.enum.ctor",
"\u5728\u679A\u4E3E\u6784\u9020\u5668\u4E2D\u4E0D\u5141\u8BB8\u8C03\u7528\u8D85\u7C7B" },
{ "compiler.err.cannot.create.array.with.diamond", "\u65E0\u6CD5\u521B\u5EFA\u5177\u6709 "<>"
\u7684\u6570\u7EC4" },
{ "compiler.err.cannot.create.array.with.type.arguments",
"\u65E0\u6CD5\u521B\u5EFA\u5177\u6709\u7C7B\u578B\u53D8\u91CF\u7684\u6570\u7EC4" },
{ "compiler.err.cant.access", "\u65E0\u6CD5\u8BBF\u95EE{0}\n{1}" },
{ "compiler.err.cant.apply.diamond",
"\u65E0\u6CD5\u63A8\u65AD{0}\u7684\u7C7B\u578B\u53C2\u6570" },
{ "compiler.err.cant.apply.diamond.1",
"\u65E0\u6CD5\u63A8\u65AD{0}\u7684\u7C7B\u578B\u53C2\u6570\n\u539F\u56E0: {1}" },
{ "compiler.err.cant.apply.symbol", "\u65E0\u6CD5\u5C06{4} {5}\u4E2D\u7684{0}
{1}\u5E94\u7528\u5230\u7ED9\u5B9A\u7C7B\u578B;\n\u9700\u8981:
{2}\n\u627E\u5230: {3}\n\u539F\u56E0: {6}" },
{ "compiler.err.cant.apply.symbols", "\u5BF9\u4E8E{1}({2}),
\u627E\u4E0D\u5230\u5408\u9002\u7684{0}" },
{ "compiler.err.cant.assign.val.to.final.var",
"\u65E0\u6CD5\u4E3A\u6700\u7EC8\u53D8\u91CF{0}\u5206\u914D\u503C" },
{ "compiler.err.cant.deref", "\u65E0\u6CD5\u53D6\u6D88\u5F15\u7528{0}" },
{ "compiler.err.cant.extend.intf.annotation", "\u5BF9\u4E8E @interfaces, \u4E0D\u5141\u8BB8 "extends""
},
{ "compiler.err.cant.inherit.diff.arg",
"\u65E0\u6CD5\u4F7F\u7528\u4EE5\u4E0B\u4E0D\u540C\u7684\u53C2\u6570\u7EE7\u627F{0}: <{1}> \u548C
<{2}>" },
{ "compiler.err.cant.inherit.from.anon", "\u65E0\u6CD5\u4ECE\u533F\u540D\u7C7B\u7EE7\u627F" },
{ "compiler.err.cant.inherit.from.final",
"\u65E0\u6CD5\u4ECE\u6700\u7EC8{0}\u8FDB\u884C\u7EE7\u627F" },
{ "compiler.err.cant.read.file", "\u65E0\u6CD5\u8BFB\u53D6: {0}" },
{ "compiler.err.cant.ref.before.ctor.called",
"\u65E0\u6CD5\u5728\u8C03\u7528\u8D85\u7C7B\u578B\u6784\u9020\u5668\u4E4B\u524D\u5F15\u7528{0}"
},
{ "compiler.err.cant.ref.non.effectively.final.var",
"\u4ECE{1}\u5F15\u7528\u7684\u672C\u5730\u53D8\u91CF\u5FC5\u987B\u662F\u6700\u7EC8\u53D8\u91CF\u
6216\u5B9E\u9645\u4E0A\u7684\u6700\u7EC8\u53D8\u91CF" },
{ "compiler.err.cant.resolve", "\u627E\u4E0D\u5230\u7B26\u53F7\n\u7B26\u53F7: {0} {1}" },
{ "compiler.err.cant.resolve.args", "\u627E\u4E0D\u5230\u7B26\u53F7\n\u7B26\u53F7: {0} {1}({3})" },

{ "compiler.err.cant.resolve.args.params", "\u627E\u4E0D\u5230\u7B26\u53F7\n\u7B26\u53F7: {0} <{2}>{1}({3})" },
{ "compiler.err.cant.resolve.location", "\u627E\u4E0D\u5230\u7B26\u53F7\n\u7B26\u53F7: {0} {1}\n\u4F4D\u7F6E: {4}" },
{ "compiler.err.cant.resolve.location.args", "\u627E\u4E0D\u5230\u7B26\u53F7\n\u7B26\u53F7: {0} {1}({3})\n\u4F4D\u7F6E: {4}" },
{ "compiler.err.cant.resolve.location.args.params", "\u627E\u4E0D\u5230\u7B26\u53F7\n\u7B26\u53F7: {0} <{2}>{1}({3})\n\u4F4D\u7F6E: {4}" },
{ "compiler.err.cant.select.static.class.from.param.type", "\u65E0\u6CD5\u4ECE\u53C2\u6570\u5316\u7684\u7C7B\u578B\u4E2D\u9009\u62E9\u9759\u6001\u7C7B" },
{ "compiler.err.cant.type.annotate.scoping", "\u65E0\u6CD5\u4F7F\u7528 type-use \u6CE8\u91CA {0} \u6765\u6CE8\u91CA\u786E\u5B9A\u4F5C\u7528\u57DF\u7ED3\u6784" },
{ "compiler.err.cant.type.annotate.scoping.1", "\u65E0\u6CD5\u4F7F\u7528 type-use \u6CE8\u91CA {0} \u6765\u6CE8\u91CA\u786E\u5B9A\u4F5C\u7528\u57DF\u7ED3\u6784" },
{ "compiler.err.catch.without.try", "\u6709 "catch", \u4F46\u662F\u6CA1\u6709 "try"" },
{ "compiler.err.clash.with.pkg.of.same.name", "{0} {1}\u4E0E\u5E26\u6709\u76F8\u540C\u540D\u79F0\u7684\u7A0B\u5E8F\u5305\u51B2\u7A81" },
{ "compiler.err.class.cant.write", "\u5199\u5165{0}\u65F6\u51FA\u9519: {1}" },
{ "compiler.err.class.not.allowed", "\u6B64\u5904\u4E0D\u5141\u8BB8\u4F7F\u7528\u7C7B, \u63A5\u53E3\u6216\u679A\u4E3E\u58F0\u660E" },
{ "compiler.err.class.public.should.be.in.file", "\u7C7B{0}\u662F\u516C\u5171\u7684, \u5E94\u5728\u540D\u4E3A {0}.java \u7684\u6587\u4EF6\u4E2D\u58F0\u660E" },
{ "compiler.err.concrete.inheritance.conflict", "{1}\u4E2D\u7684\u65B9\u6CD5{0}\u548C{3}\u4E2D\u7684\u65B9\u6CD5{2}\u662F\u4F7F\u7528\u76F8\u540C\u7684\u7B7E\u540D\u7EE7\u627F\u7684" },
{ "compiler.err.const.expr.req", "\u9700\u8981\u5E38\u91CF\u8868\u8FBE\u5F0F" },
{ "compiler.err.cont.outside.loop", "continue \u5728 loop \u5916\u90E8" },
{ "compiler.err.cyclic.annotation.element", "\u5143\u7D20 {0} \u7684\u7C7B\u578B\u4E3A\u5FAA\u73AF" },
{ "compiler.err.cyclic.inheritance", "\u6D89\u53CA{0}\u7684\u5FAA\u73AF\u7EE7\u627F" },
{ "compiler.err.dc.bad.entity", "HTML \u5B9E\u4F53\u9519\u8BEF" },
{ "compiler.err.dc.bad.gt", ">" \u7684\u7528\u6CD5\u9519\u8BEF" },
{ "compiler.err.dc.bad.inline.tag", "\u5185\u5D4C\u6807\u8BB0\u7684\u7528\u6CD5\u4E0D\u6B63\u786E" },
{ "compiler.err.dc.gt.expected", "\u9700\u8981 ">"" },
{ "compiler.err.dc.identifier.expected", "\u9700\u8981\u6807\u8BC6\u7B26" },
{ "compiler.err.dc.malformed.html", "\u683C\u5F0F\u9519\u8BEF\u7684 HTML" },
{ "compiler.err.dc.missing.semicolon", "\u7F3A\u5C11\u5206\u53F7" },
{ "compiler.err.dc.no.content", "\u65E0\u5185\u5BB9" },
{ "compiler.err.dc.no.tag.name", "'@' \u540E\u6CA1\u6709\u6807\u8BB0\u540D" },
{ "compiler.err.dc.ref.bad.parens", "\u5F15\u7528\u4E2D\u7F3A\u5C11 ")"" },
{ "compiler.err.dc.ref.syntax.error", "\u5F15\u7528\u4E2D\u51FA\u73B0\u8BED\u6CD5\u9519\u8BEF" },
{ "compiler.err.dc.ref.unexpected.input", "\u610F\u5916\u7684\u6587\u672C" },
{ "compiler.err.dc.unexpected.content", "\u610F\u5916\u7684\u5185\u5BB9" },
{ "compiler.err.dc.unterminated.inline.tag", "\u672A\u7EC8\u6B62\u7684\u5185\u5D4C\u6807\u8BB0" },
{ "compiler.err.dc.unterminated.signature", "\u672A\u7EC8\u6B62\u7684\u7B7E\u540D" },

{ "compiler.err.dc.unterminated.string", "\u672A\u7EC8\u6B62\u7684\u5B57\u7B26\u4E32" },
{ "compiler.err.default.allowed.in.intf.annotation.member",
"\u6CE8\u91CA\u7C7B\u578B\u58F0\u660E\u4E2D\u4EC5\u5141\u8BB8\u9ED8\u8BA4\u503C" },
{ "compiler.err.default.methods.not.supported.in.source", "-source {0}
\u4E2D\u4E0D\u652F\u6301\u9ED8\u8BA4\u65B9\u6CD5\n(\u8BF7\u4F7F\u7528 -source 8
\u6216\u66F4\u9AD8\u7248\u672C\u4EE5\u542F\u7528\u9ED8\u8BA4\u65B9\u6CD5)" },
{ "compiler.err.default.overrides.object.member", "{1} {2}
\u4E2D\u7684\u9ED8\u8BA4\u65B9\u6CD5{0}\u8986\u76D6\u4E86 java.lang.Object \u7684\u6210\u5458" },
{ "compiler.err.diamond.not.supported.in.source", "-source {0} \u4E2D\u4E0D\u652F\u6301
diamond \u8FD0\u7B97\u7B26\n(\u8BF7\u4F7F\u7528 -source 7
\u6216\u66F4\u9AD8\u7248\u672C\u4EE5\u542F\u7528 diamond \u8FD0\u7B97\u7B26)" },
{ "compiler.err.does.not.override.abstract", "{0}\u4E0D\u662F\u62BD\u8C61\u7684,
\u5E76\u4E14\u672A\u8986\u76D6{2}\u4E2D\u7684\u62BD\u8C61\u65B9\u6CD5{1}" },
{ "compiler.err.doesnt.exist", "\u7A0B\u5E8F\u5305{0}\u4E0D\u5B58\u5728" },
{ "compiler.err.dot.class.expected", "\u9700\u8981 ".class"" },
{ "compiler.err.duplicate.annotation.invalid.repeated",
"\u6CE8\u91CA{0}\u4E0D\u662F\u6709\u6548\u7684\u53EF\u91CD\u590D\u6CE8\u91CA" },
{ "compiler.err.duplicate.annotation.member.value", "\u6CE8\u91CA@{1}\u4E2D\u7684\u5143\u7D20
"{0}" \u91CD\u590D\u3002" },
{ "compiler.err.duplicate.annotation.missing.container", "{0}
\u4E0D\u662F\u53EF\u91CD\u590D\u7684\u6CE8\u91CA\u7C7B\u578B" },
{ "compiler.err.duplicate.case.label", "case \u6807\u7B7E\u91CD\u590D" },

{ "compiler.err.duplicate.class", "\u7C7B\u91CD\u590D: {0}" },
{ "compiler.err.duplicate.default.label", "default \u6807\u7B7E\u91CD\u590D" },
{ "compiler.err.else.without.if", "\u6709 "if", \u4F46\u662F\u6CA1\u6709 "else"" },
{ "compiler.err.empty.char.lit", "\u7A7A\u5B57\u7B26\u6587\u5B57" },
{ "compiler.err.encl.class.required", "\u9700\u8981\u5305\u542B{0}\u7684\u5C01\u95ED\u5B9E\u4F8B"
},
{ "compiler.err.enum.annotation.must.be.enum.constant",
"\u679A\u4E3E\u6CE8\u91CA\u503C\u5FC5\u987B\u662F\u679A\u4E3E\u5E38\u91CF" },
{ "compiler.err.enum.as.identifier", "\u4ECE\u53D1\u884C\u7248 5 \u5F00\u59CB, "enum"
\u4E3A\u5173\u952E\u5B57, \u800C\u4E0D\u7528\u4F5C\u6807\u8BC6\u7B26\n(\u8BF7\u4F7F\u7528 -source
1.4 \u6216\u66F4\u4F4E\u7248\u672C\u4EE5\u5C06 "enum" \u7528\u4F5C\u6807\u8BC6\u7B26)" },
{ "compiler.err.enum.cant.be.instantiated",
"\u65E0\u6CD5\u5B9E\u4F8B\u5316\u679A\u4E3E\u7C7B\u578B" },
{ "compiler.err.enum.label.must.be.unqualified.enum", "\u679A\u4E3E switch case
\u6807\u7B7E\u5FC5\u987B\u4E3A\u679A\u4E3E\u5E38\u91CF\u7684\u975E\u9650\u5B9A\u540D\u79F0" },
{ "compiler.err.enum.no.finalize", "\u679A\u4E3E\u4E0D\u80FD\u6709 finalize \u65B9\u6CD5" },
{ "compiler.err.enum.no.subclassing", "\u7C7B\u65E0\u6CD5\u76F4\u63A5\u6269\u5C55 java.lang.Enum"
},
{ "compiler.err.enum.types.not.extensible", "\u679A\u4E3E\u7C7B\u578B\u4E0D\u53EF\u7EE7\u627F" },
{ "compiler.err.enums.must.be.static",
"\u53EA\u6709\u5728\u9759\u6001\u4E0A\u4E0B\u6587\u4E2D\u624D\u5141\u8BB8\u4F7F\u7528\u679A\u4E3
E\u58F0\u660E" },
{ "compiler.err.enums.not.supported.in.source", "-source {0}
\u4E2D\u4E0D\u652F\u6301\u679A\u4E3E\n(\u8BF7\u4F7F\u7528 -source 5
\u6216\u66F4\u9AD8\u7248\u672C\u4EE5\u542F\u7528\u679A\u4E3E)" },

{ "compiler.err.error", "\u9519\u8BEF: " },
{ "compiler.err.error.reading.file", "\u8BFB\u53D6{0}\u65F6\u51FA\u9519;
{1}" },
{ "compiler.err.except.already.caught", "\u5DF2\u6355\u83B7\u5230\u5F02\u5E38\u9519\u8BEF{0}" },
{ "compiler.err.except.never.thrown.in.try", "\u5728\u76F8\u5E94\u7684 try
\u8BED\u53E5\u4E3B\u4F53\u4E2D\u4E0D\u80FD\u629B\u51FA\u5F02\u5E38\u9519\u8BEF{0}" },
{ "compiler.err.expected", "\u9700\u8981{0}" },
{ "compiler.err.expected2", "\u9700\u8981{0}\u6216{1}" },
{ "compiler.err.expected3", "\u9700\u8981{0}, {1}\u6216{2}" },
{ "compiler.err.final.parameter.may.not.be.assigned",
"\u4E0D\u80FD\u5206\u914D\u6700\u7EC8\u53C2\u6570{0}" },
{ "compiler.err.finally.without.try", "\u6709 "finally", \u4F46\u662F\u6CA1\u6709 "try"" },
{ "compiler.err.foreach.not.applicable.to.type", "for-each
\u4E0D\u9002\u7528\u4E8E\u8868\u8FBE\u5F0F\u7C7B\u578B\n\u8981\u6C42: {1}\n\u627E\u5230: {0}" },
{ "compiler.err.foreach.not.supported.in.source", "-source
{0}\u4E2D\u4E0D\u652F\u6301\u589E\u5F3A\u578B
for \u5FAA\u73AF\n(\u4F7F\u7528 -source 5 \u6216\u66F4\u9AD8\u7248\u672C\u4EE5\u542F\u7528 for-each
\u5FAA\u73AF)" },
{ "compiler.err.fp.number.too.large", "\u6D6E\u70B9\u6570\u8FC7\u5927" },
{ "compiler.err.fp.number.too.small", "\u6D6E\u70B9\u6570\u8FC7\u5C0F" },
{ "compiler.err.generic.array.creation", "\u521B\u5EFA\u6CDB\u578B\u6570\u7EC4" },
{ "compiler.err.generic.throwable", "\u6CDB\u578B\u7C7B\u4E0D\u80FD\u6269\u5C55
java.lang.Throwable" },
{ "compiler.err.generics.not.supported.in.source", "-source {0}
\u4E2D\u4E0D\u652F\u6301\u6CDB\u578B\n(\u8BF7\u4F7F\u7528 -source 5
\u6216\u66F4\u9AD8\u7248\u672C\u4EE5\u542F\u7528\u6CDB\u578B)" },
{ "compiler.err.icls.cant.have.static.decl",
"\u5185\u90E8\u7C7B{0}\u4E2D\u7684\u9759\u6001\u58F0\u660E\u975E\u6CD5\n\u4FEE\u9970\u7B26 "static"
\u4EC5\u5141\u8BB8\u5728\u5E38\u91CF\u53D8\u91CF\u58F0\u660E\u4E2D\u4F7F\u7528" },

{ "compiler.err.illegal.char", "\u975E\u6CD5\u5B57\u7B26: "{0}"" },
{ "compiler.err.illegal.char.for.encoding",
"\u7F16\u7801{0}\u7684\u4E0D\u53EF\u6620\u5C04\u5B57\u7B26" },
{ "compiler.err.illegal.combination.of.modifiers",
"\u975E\u6CD5\u7684\u4FEE\u9970\u7B26\u7EC4\u5408: {0}\u548C{1}" },
{ "compiler.err.illegal.default.super.call",
"\u9ED8\u8BA4\u8D85\u7EA7\u8C03\u7528\u4E2D\u7684\u7C7B\u578B\u9650\u5B9A\u7B26{0}\u9519\u8BEF
\n{1}" },
{ "compiler.err.illegal.dot", "\u975E\u6CD5 "." " },
{ "compiler.err.illegal.enum.static.ref",
"\u521D\u59CB\u5316\u7A0B\u5E8F\u4E2D\u5BF9\u9759\u6001\u5B57\u6BB5\u7684\u5F15\u7528\u4E0D\u54
08\u6CD5" },
{ "compiler.err.illegal.esc.char", "\u975E\u6CD5\u8F6C\u4E49\u7B26" },
{ "compiler.err.illegal.forward.ref", "\u975E\u6CD5\u524D\u5411\u5F15\u7528" },
{ "compiler.err.illegal.generic.type.for.instof", "instanceof
\u7684\u6CDB\u578B\u7C7B\u578B\u4E0D\u5408\u6CD5"
},
{ "compiler.err.illegal.initializer.for.type",

"{0}\u7684\u521D\u59CB\u5316\u7A0B\u5E8F\u4E0D\u5408\u6CD5" },
{ "compiler.err.illegal.line.end.in.char.lit",
"\u5B57\u7B26\u6587\u5B57\u7684\u884C\u7ED3\u5C3E\u4E0D\u5408\u6CD5" },
{ "compiler.err.illegal.nonascii.digit", "\u975E\u6CD5\u7684\u975E ASCII \u6570\u5B57" },
{ "compiler.err.illegal.qual.not.icls", "\u975E\u6CD5\u9650\u5B9A\u7B26;
{0}\u4E0D\u662F\u5185\u90E8\u7C7B" },
{ "compiler.err.illegal.self.ref",
"\u521D\u59CB\u5316\u7A0B\u5E8F\u4E2D\u5B58\u5728\u81EA\u5F15\u7528" },
{ "compiler.err.illegal.start.of.expr", "\u975E\u6CD5\u7684\u8868\u8FBE\u5F0F\u5F00\u59CB" },
{ "compiler.err.illegal.start.of.stmt", "\u975E\u6CD5\u7684\u8BED\u53E5\u5F00\u59CB" },
{ "compiler.err.illegal.start.of.type", "\u975E\u6CD5\u7684\u7C7B\u578B\u5F00\u59CB" },
{ "compiler.err.illegal.static.intf.meth.call",
"\u9759\u6001\u63A5\u53E3\u65B9\u6CD5\u8C03\u7528\u975E\u6CD5\n\u5E94\u5C06\u63A5\u6536\u65B9\u8
868\u8FBE\u5F0F\u66FF\u6362\u4E3A\u7C7B\u578B\u9650\u5B9A\u7B26
"{0}"" },
{ "compiler.err.illegal.underscore", "\u975E\u6CD5\u4E0B\u5212\u7EBF" },
{ "compiler.err.illegal.unicode.esc", "\u975E\u6CD5\u7684 Unicode \u8F6C\u4E49" },
{ "compiler.err.import.requires.canonical",
"\u5BFC\u5165\u9700\u8981{0}\u7684\u89C4\u8303\u540D\u79F0" },
{ "compiler.err.improperly.formed.type.inner.raw.param",
"\u7C7B\u578B\u7684\u683C\u5F0F\u4E0D\u6B63\u786E,
\u7ED9\u51FA\u4E86\u539F\u59CB\u7C7B\u578B\u7684\u7C7B\u578B\u53C2\u6570" },
{ "compiler.err.improperly.formed.type.param.missing",
"\u7C7B\u578B\u7684\u683C\u5F0F\u4E0D\u6B63\u786E, \u7F3A\u5C11\u67D0\u4E9B\u53C2\u6570" },
{ "compiler.err.incomparable.types", "\u4E0D\u53EF\u6BD4\u8F83\u7684\u7C7B\u578B: {0}\u548C{1}"
},
{ "compiler.err.incompatible.thrown.types.in.mref",
"\u65B9\u6CD5\u5F15\u7528\u4E2D\u629B\u51FA\u7684\u7C7B\u578B{0}\u4E0D\u517C\u5BB9"
},
{ "compiler.err.incorrect.constructor.receiver.name",
"\u63A5\u6536\u65B9\u540D\u79F0\u4E0E\u5916\u90E8\u5C01\u95ED\u7C7B\u7C7B\u578B\u4E0D\u5339\u91
4D\n\u9700\u8981: {0}\n\u627E\u5230: {1}" },
{ "compiler.err.incorrect.constructor.receiver.type",
"\u63A5\u6536\u65B9\u7C7B\u578B\u4E0E\u5916\u90E8\u5C01\u95ED\u7C7B\u7C7B\u578B\u4E0D\u5339\u91
4D\n\u9700\u8981: {0}\n\u627E\u5230: {1}" },
{ "compiler.err.incorrect.receiver.name",
"\u63A5\u6536\u65B9\u540D\u79F0\u4E0E\u5C01\u95ED\u7C7B\u7C7B\u578B\u4E0D\u5339\u914D\n\u9700\u
8981: {0}\n\u627E\u5230: {1}" },
{ "compiler.err.incorrect.receiver.type",
"\u63A5\u6536\u65B9\u7C7B\u578B\u4E0E\u5C01\u95ED\u7C7B\u7C7B\u578B\u4E0D\u5339\u914D\n\u9700\u
8981: {0}\n\u627E\u5230: {1}" },
{ "compiler.err.initializer.must.be.able.to.complete.normally",
"\u521D\u59CB\u5316\u7A0B\u5E8F\u5FC5\u987B\u80FD\u591F\u6B63\u5E38\u5B8C\u6210"
},
{ "compiler.err.int.number.too.large", "\u8FC7\u5927\u7684\u6574\u6570: {0}" },
{ "compiler.err.intersection.types.in.cast.not.supported.in.source", "-source {0}
\u4E2D\u4E0D\u652F\u6301\u8F6C\u6362\u4E2D\u7684\u4EA4\u53C9\u7C7B\u578B\n(\u8BF7\u4F7F\u7528 -
source 8 \u6216\u66F4\u9AD8\u7248\u672C\u4EE5\u542F\u7528\u9ED8\u8BA4\u65B9\u6CD5)" },

{ "compiler.err.intf.annotation.cant.have.type.params", "\u6CE8\u91CA\u7C7B\u578B {0} \u4E0D\u80FD\u4E3A\u6CDB\u578B" },
{ "compiler.err.intf.annotation.member.clash", "\u6CE8\u91CA\u7C7B\u578B{1}\u58F0\u660E\u4E0E\u65B9\u6CD5 {0} \u540C\u540D\u7684\u5143\u7D20" },
{ "compiler.err.intf.annotation.members.cant.have.params", "\u6CE8\u91CA\u7C7B\u578B\u58F0\u660E\u4E2D\u7684\u5143\u7D20\u65E0\u6CD5\u58F0\u660E\u5F62\u53C2" },
{ "compiler.err.intf.annotation.members.cant.have.type.params", "\u6CE8\u91CA\u7C7B\u578B\u58F0\u660E\u4E2D\u7684\u5143\u7D20\u4E0D\u80FD\u4E3A\u6CDB\u578B\u65B9\u6CD5"
},
{ "compiler.err.intf.expected.here", "\u6B64\u5904\u9700\u8981\u63A5\u53E3" },
{ "compiler.err.intf.meth.cant.have.body", "\u63A5\u53E3\u62BD\u8C61\u65B9\u6CD5\u4E0D\u80FD\u5E26\u6709\u4E3B\u4F53" },
{ "compiler.err.intf.not.allowed.here", "\u6B64\u5904\u4E0D\u5141\u8BB8\u4F7F\u7528\u63A5\u53E3" },
{ "compiler.err.invalid.annotation.member.type", "\u6CE8\u91CA\u7C7B\u578B\u5143\u7D20 {0} \u7684\u7C7B\u578B\u65E0\u6548" },
{ "compiler.err.invalid.binary.number", "\u4E8C\u8FDB\u5236\u6570\u5B57\u4E2D\u5FC5\u987B\u5305\u542B\u81F3\u5C11\u4E00\u4E2A\u4E8C\u8FDB\u5236\u6570" },
{ "compiler.err.invalid.hex.number", "\u5341\u516D\u8FDB\u5236\u6570\u5B57\u5FC5\u987B\u5305\u542B\u81F3\u5C11\u4E00\u4F4D\u5341\u516D\u8FDB\u5236\u6570" },
{ "compiler.err.invalid.meth.decl.ret.type.req", "\u65B9\u6CD5\u58F0\u660E\u65E0\u6548; \u9700\u8981\u8FD4\u56DE\u7C7B\u578B" },
{ "compiler.err.invalid.mref",
"{0}\u5F15\u7528\u65E0\u6548\n{1}" },
{ "compiler.err.invalid.repeatable.annotation", "\u6CE8\u91CA\u91CD\u590D: \u4F7F\u7528\u65E0\u6548\u7684 @Repeatable \u6CE8\u91CA\u5BF9{0}\u8FDB\u884C\u4E86\u6CE8\u91CA" },
{ "compiler.err.invalid.repeatable.annotation.elem.nondefault", "\u5BF9\u4E8E\u5143\u7D20 {1}, \u5305\u542B\u6CE8\u91CA\u7C7B\u578B ({0}) \u6CA1\u6709\u9ED8\u8BA4\u503C" },
{ "compiler.err.invalid.repeatable.annotation.incompatible.target", "\u5305\u542B\u6CE8\u91CA\u7C7B\u578B ({0}) \u9002\u7528\u7684\u76EE\u6807\u591A\u4E8E\u53EF\u91CD\u590D\u6CE8\u91CA\u7C7B\u578B ({1})" },
{ "compiler.err.invalid.repeatable.annotation.invalid.value", "{0}\u4E0D\u662F\u6709\u6548\u7684 @Repeatable: \u503C\u5143\u7D20\u65E0\u6548" },
{ "compiler.err.invalid.repeatable.annotation.multiple.values", "{0}\u4E0D\u662F\u6709\u6548\u7684 @Repeatable, \u5DF2\u58F0\u660E {1} \u4E2A\u540D\u4E3A "value" \u7684\u5143\u7D20\u65B9\u6CD5"
},
{ "compiler.err.invalid.repeatable.annotation.no.value", "{0}\u4E0D\u662F\u6709\u6548\u7684 @Repeatable, \u672A\u58F0\u660E\u4EFB\u4F55\u503C\u5143\u7D20\u65B9\u6CD5" },
{ "compiler.err.invalid.repeatable.annotation.not.documented", "\u53EF\u91CD\u590D\u6CE8\u91CA\u7C7B\u578B ({1}) \u662F @Documented, \u800C\u5305\u542B\u6CE8\u91CA\u7C7B\u578B ({0}) \u5219\u4E0D\u662F" },
{ "compiler.err.invalid.repeatable.annotation.not.inherited", "\u53EF\u91CD\u590D\u6CE8\u91CA\u7C7B\u578B ({1}) \u662F @Inherited,

\u800C\u5305\u542B\u6CE8\u91CA\u7C7B\u578B ({0}) \u5219\u4E0D\u662F" },
{ "compiler.err.invalid.repeatable.annotation.repeated.and.container.present", "\u5BB9\u5668 {0} \u4E0D\u5F97\u4E0E\u5176\u5305\u542B\u7684\u5143\u7D20\u540C\u65F6\u5B58\u5728" },
{ "compiler.err.invalid.repeatable.annotation.retention", "\u5305\u542B\u6CE8\u91CA\u7C7B\u578B ({0}) \u7684\u4FDD\u7559\u671F\u77ED\u4E8E\u53EF\u91CD\u590D\u6CE8\u91CA\u7C7B\u578B ({2}) \u7684\u4FDD\u7559\u671F" },
{ "compiler.err.invalid.repeatable.annotation.value.return", "\u5305\u542B\u6CE8\u91CA\u7C7B\u578B ({0}) \u5FC5\u987B\u58F0\u660E\u7C7B\u578B{2}\u7684\u540D\u4E3A "value" \u7684\u5143\u7D20" },
{ "compiler.err.io.exception", "\u8BFB\u53D6\u6E90\u6587\u4EF6\u65F6\u51FA\u9519: {0}" },
{ "compiler.err.label.already.in.use", "\u6807\u7B7E{0}\u5DF2\u4F7F\u7528" },
{ "compiler.err.lambda.body.neither.value.nor.void.compatible", "lambda \u4E3B\u4F53\u4E0D\u662F\u503C, \u4E5F\u4E0D\u4E0E void \u517C\u5BB9" },
{ "compiler.err.lambda.not.supported.in.source", "-source {0} \u4E2D\u4E0D\u652F\u6301 lambda \u8868\u8FBE\u5F0F\n(\u8BF7\u4F7F\u7528 -source 8 \u6216\u66F4\u9AD8\u7248\u672C\u4EE5\u542F\u7528 lambda \u8868\u8FBE\u5F0F)" },
{ "compiler.err.limit.code", "\u4EE3\u7801\u8FC7\u957F" },
{ "compiler.err.limit.code.too.large.for.try.stmt", "try \u8BED\u53E5\u7684\u4EE3\u7801\u8FC7\u957F" },
{ "compiler.err.limit.dimensions", "\u6570\u7EC4\u7C7B\u578B\u7EF4\u8FC7\u591A" },
{ "compiler.err.limit.locals", "\u672C\u5730\u53D8\u91CF\u8FC7\u591A" },
{ "compiler.err.limit.parameters", "\u53C2\u6570\u8FC7\u591A" },
{ "compiler.err.limit.pool", "\u5E38\u91CF\u8FC7\u591A" },
{ "compiler.err.limit.pool.in.class", "\u7C7B{0}\u4E2D\u7684\u5E38\u91CF\u8FC7\u591A" },
{ "compiler.err.limit.stack", "\u4EE3\u7801\u9700\u8981\u8FC7\u591A\u5806\u6808" },
{ "compiler.err.limit.string", "\u5E38\u91CF\u5B57\u7B26\u4E32\u8FC7\u957F" },
{ "compiler.err.limit.string.overflow", "\u5BF9\u4E8E\u5E38\u91CF\u6C60\u6765\u8BF4, \u5B57\u7B26\u4E32 \"{0}...\" \u7684 UTF8 \u8868\u793A\u8FC7\u957F" },
{ "compiler.err.local.enum", "\u679A\u4E3E\u7C7B\u578B\u4E0D\u80FD\u4E3A\u672C\u5730\u7C7B\u578B" },
{ "compiler.err.local.var.accessed.from.icls.needs.final", "\u4ECE\u5185\u90E8\u7C7B\u4E2D\u8BBF\u95EE\u672C\u5730\u53D8\u91CF{0}; \u9700\u8981\u88AB\u58F0\u660E\u4E3A\u6700\u7EC8\u7C7B\u578B" },
{ "compiler.err.malformed.fp.lit", "\u6D6E\u70B9\u6587\u5B57\u7684\u683C\u5F0F\u9519\u8BEF" },
{ "compiler.err.method.does.not.override.superclass", "\u65B9\u6CD5\u4E0D\u4F1A\u8986\u76D6\u6216\u5B9E\u73B0\u8D85\u7C7B\u578B\u7684\u65B9\u6CD5" },
{ "compiler.err.method.invoked.with.incorrect.number.arguments", "\u4F7F\u7528\u4E0D\u6B63\u786E\u6570\u91CF\u7684\u53C2\u6570\u8C03\u7528\u4E86\u65B9\u6CD5; \u9884\u671F\u4E3A {0} \u4E2A, \u627E\u5230 {1} \u4E2A" },
{ "compiler.err.method.references.not.supported.in.source", "-source {0} \u4E2D\u4E0D\u652F\u6301\u65B9\u6CD5\u5F15\u7528\n(\u8BF7\u4F7F\u7528 -source 8 \u6216\u66F4\u9AD8\u7248\u672C\u4EE5\u542F\u7528\u65B9\u6CD5\u5F15\u7528)" },
{ "compiler.err.missing.meth.body.or.decl.abstract", "\u7F3A\u5C11\u65B9\u6CD5\u4E3B\u4F53, \u6216\u58F0\u660E\u62BD\u8C61" },
{ "compiler.err.missing.ret.stmt", "\u7F3A\u5C11\u8FD4\u56DE\u8BED\u53E5" },
{ "compiler.err.mod.not.allowed.here", "\u6B64\u5904\u4E0D\u5141\u8BB8\u4F7F\u7528\u4FEE\u9970\u7B26{0}" },
{ "compiler.err.multicatch.not.supported.in.source", "-source {0} \u4E2D\u4E0D\u652F\u6301 multi-catch

\u8BED\u53E5\n(\u8BF7\u4F7F\u7528 -source 7 \u6216\u66F4\u9AD8\u7248\u672C\u4EE5\u542F\u7528 multi-catch \u8BED\u53E5)" },
{ "compiler.err.multicatch.parameter.may.not.be.assigned", "\u53EF\u80FD\u672A\u5206\u914D multi-catch \u53C2\u6570{0}" },
{ "compiler.err.multicatch.types.must.be.disjoint", "multi-catch \u8BED\u53E5\u4E2D\u7684\u66FF\u4EE3\u65E0\u6CD5\u901A\u8FC7\u5B50\u7C7B\u5316\u5173\u8054\n\u66FF\u4EE3{0}\u662F\u66FF\u4EE3{1}\u7684\u5B50\u7C7B" },
{ "compiler.err.name.clash.same.erasure", "\u540D\u79F0\u51B2\u7A81: {0}\u548C{1}\u5177\u6709\u76F8\u540C\u7591\u7B26" },
{ "compiler.err.name.clash.same.erasure.no.hide", "\u540D\u79F0\u51B2\u7A81: {1} \u4E2D\u7684 {0} \u548C {3} \u4E2D\u7684 {2} \u5177\u6709\u76F8\u540C\u7591\u7B26, \u4F46\u4E24\u8005\u5747\u4E0D\u9690\u85CF\u5BF9\u65B9" },
{ "compiler.err.name.clash.same.erasure.no.override", "\u540D\u79F0\u51B2\u7A81: {1}\u4E2D\u7684{0}\u548C{3}\u4E2D\u7684{2}\u5177\u6709\u76F8\u540C\u7591\u7B26, \u4F46\u4E24\u8005\u5747\u4E0D\u8986\u76D6\u5BF9\u65B9" },
{ "compiler.err.name.clash.same.erasure.no.override.1", "\u540D\u79F0\u51B2\u7A81: {1} \u4E2D\u7684 {0} \u8986\u76D6\u7684\u65B9\u6CD5\u7684\u7591\u7B26\u4E0E\u53E6\u4E00\u4E2A\u65B9\u6CD5\u7684\u76F8\u540C, \u4F46\u4E24\u8005\u5747\u4E0D\u8986\u76D6\u5BF9\u65B9\n\u7B2C\u4E00\u4E2A\u65B9\u6CD5: {3} \u4E2D\u7684 {2}\n\u7B2C\u4E8C\u4E2A\u65B9\u6CD5: {5} \u4E2D\u7684 {4}" },
{ "compiler.err.name.reserved.for.internal.use", "{0}\u4E3A\u5185\u90E8\u4F7F\u7528\u4FDD\u7559" },
{ "compiler.err.native.meth.cant.have.body", "\u672C\u673A\u65B9\u6CD5\u4E0D\u80FD\u5E26\u6709\u4E3B\u4F53" },
{ "compiler.err.neither.conditional.subtype", "? \u7684\u4E0D\u517C\u5BB9\u7C7B\u578B: \u4E24\u8005\u90FD\u4E0D\u662F\u5BF9\u65B9\u7684\u5B50\u7C7B\u578B\n\u7B2C\u4E8C\u4E2A\u64CD\u4F5C\u6570: {0}\n\u7B2C\u4E09\u4E2A\u64CD\u4F5C\u6570: {1}" },
{ "compiler.err.new.not.allowed.in.annotation", "\u6CE8\u91CA\u4E2D\u4E0D\u5141\u8BB8\u4F7F\u7528 "new"" },
{ "compiler.err.no.annotation.member", "{1}\u4E2D\u6CA1\u6709\u6CE8\u91CA\u6210\u5458{0}" },
{ "compiler.err.no.annotations.on.dot.class", "\u7C7B\u6587\u5B57\u7C7B\u578B\u4E2D\u4E0D\u5141\u8BB8\u4F7F\u7528\u4EFB\u4F55\u6CE8\u91CA" },
{ "compiler.err.no.encl.instance.of.type.in.scope", "\u4F5C\u7528\u57DF\u4E2D\u6CA1\u6709\u7C7B\u578B\u4E3A{0}\u7684\u5C01\u95ED\u5B9E\u4F8B" },
{ "compiler.err.no.intf.expected.here", "\u6B64\u5904\u4E0D\u9700\u8981\u63A5\u53E3" },
{ "compiler.err.no.match.entry", "{0}\u5728{1}\u7684\u6761\u76EE\u4E2D\u6CA1\u6709\u5339\u914D\u9879; \u9700\u8981{2}" },
{ "compiler.err.no.superclass", "{0}\u4E0D\u5177\u6709\u8D85\u7C7B\u3002" },
{ "compiler.err.non-static.cant.be.ref", "\u65E0\u6CD5\u4ECE\u9759\u6001\u4E0A\u4E0B\u6587\u4E2D\u5F15\u7528\u975E\u9759\u6001 {0} {1}" },
{ "compiler.err.not.annotation.type", "{0}\u4E0D\u662F\u6CE8\u91CA\u7C7B\u578B" },
{ "compiler.err.not.def.access.class.intf.cant.access", "{1}\u4E2D\u7684{0}\u662F\u5728\u4E0D\u53EF\u8BBF\u95EE\u7684\u7C7B\u6216\u63A5\u53E3\u4E2D\u5B9A\u4E49\u7684" },
{ "compiler.err.not.def.public.cant.access", "{0}\u5728{1}\u4E2D\u4E0D\u662F\u516C\u5171\u7684; \u65E0\u6CD5\u4ECE\u5916\u90E8\u7A0B\u5E8F\u5305\u4E2D\u5BF9\u5176\u8FDB\u884C\u8BBF\u95EE" },
{ "compiler.err.not.encl.class", "\u4E0D\u662F\u5C01\u95ED\u7C7B: {0}" },

{ "compiler.err.not.in.profile", "{0}\u5728\u914D\u7F6E\u6587\u4EF6 "{1}" \u4E2D\u4E0D\u53EF\u7528" },

{ "compiler.err.not.loop.label", "\u4E0D\u662F loop \u6807\u7B7E: {0}" },
{ "compiler.err.not.stmt", "\u4E0D\u662F\u8BED\u53E5" },
{ "compiler.err.not.within.bounds", "\u7C7B\u578B\u53C2\u6570{0}\u4E0D\u5728\u7C7B\u578B\u53D8\u91CF{1}\u7684\u8303\u56F4\u5185" },
{ "compiler.err.operator.cant.be.applied", "\u4E00\u5143\u8FD0\u7B97\u7B26 "{0}" \u7684\u64CD\u4F5C\u6570\u7C7B\u578B{1}\u9519\u8BEF" },
{ "compiler.err.operator.cant.be.applied.1", "\u4E8C\u5143\u8FD0\u7B97\u7B26 "{0}" \u7684\u64CD\u4F5C\u6570\u7C7B\u578B\u9519\u8BEF\n\u7B2C\u4E00\u4E2A\u7C7B\u578B: {1}\n\u7B2C\u4E8C\u4E2A\u7C7B\u578B: {2}" },
{ "compiler.err.orphaned", "\u5B64\u7ACB\u7684{0}" },
{ "compiler.err.override.incompatible.ret", "{0}\n\u8FD4\u56DE\u7C7B\u578B{1}\u4E0E{2}\u4E0D\u517C\u5BB9" },
{ "compiler.err.override.meth", "{0}\n\u88AB\u8986\u76D6\u7684\u65B9\u6CD5\u4E3A{1}" },
{ "compiler.err.override.meth.doesnt.throw", "{0}\n\u88AB\u8986\u76D6\u7684\u65B9\u6CD5\u672A\u629B\u51FA{1}" },
{ "compiler.err.override.static", "{0}\n\u8986\u76D6\u7684\u65B9\u6CD5\u4E3A static" },
{ "compiler.err.override.weaker.access", "{0}\n\u6B63\u5728\u5C1D\u8BD5\u5206\u914D\u66F4\u4F4E\u7684\u8BBF\u95EE\u6743\u9650; \u4EE5\u524D\u4E3A{1}" },
{ "compiler.err.pkg.annotations.sb.in.package-info.java", "\u7A0B\u5E8F\u5305\u6CE8\u91CA\u5E94\u5728\u6587\u4EF6 package-info.java \u4E2D" },
{ "compiler.err.pkg.clashes.with.class.of.same.name", "\u7A0B\u5E8F\u5305{0}\u4E0E\u5E26\u6709\u76F8\u540C\u540D\u79F0\u7684\u7C7B\u51B2\u7A81" },
{ "compiler.err.premature.eof", "\u89E3\u6790\u65F6\u5DF2\u5230\u8FBE\u6587\u4EF6\u7ED3\u5C3E" },
{ "compiler.err.prob.found.req", "\u4E0D\u517C\u5BB9\u7684\u7C7B\u578B: {0}" },
{ "compiler.err.proc.bad.config.file", "\u670D\u52A1\u914D\u7F6E\u6587\u4EF6\u4E0D\u6B63\u786E, \u6216\u6784\u9020\u5904\u7406\u7A0B\u5E8F\u5BF9\u8C61{0}\u65F6\u629B\u51FA\u5F02\u5E38\u9519\u8BEF" },
{ "compiler.err.proc.cant.access", "\u65E0\u6CD5\u8BBF\u95EE{0}\n{1}\n\u6709\u5173\u8BE6\u7EC6\u4FE1\u606F, \u8BF7\u53C2\u9605\u4EE5\u4E0B\u5806\u6808\u8DDF\u8E2A\u3002\n{2}" },
{ "compiler.err.proc.cant.access.1", "\u65E0\u6CD5\u8BBF\u95EE{0}\n{1}" },
{ "compiler.err.proc.cant.create.loader", "\u65E0\u6CD5\u4E3A\u6CE8\u91CA\u5904\u7406\u7A0B\u5E8F{0}\u521B\u5EFA\u7C7B\u52A0\u8F7D\u5668" },
{ "compiler.err.proc.cant.find.class", "\u627E\u4E0D\u5230 "{0}" \u7684\u7C7B\u6587\u4EF6\u3002" },
{ "compiler.err.proc.messager", "{0}" },
{ "compiler.err.proc.no.explicit.annotation.processing.requested", "\u4EC5\u5F53\u663E\u5F0F\u8BF7\u6C42\u6CE8\u91CA\u5904\u7406\u65F6\u624D\u63A5\u53D7\u7C7B\u540D\u79F0 "{0}"" },
{ "compiler.err.proc.no.service", "ServiceLoader \u4E0D\u53EF\u7528, \u4F46\u5B83\u662F\u6CE8\u91CA\u5904\u7406\u6240\u5FC5\u9700\u7684\u3002" },
{ "compiler.err.proc.processor.bad.option.name", "\u5904\u7406\u7A0B\u5E8F "{1}"

\u63D0\u4F9B\u7684\u9009\u9879\u540D\u79F0 "{0}" \u9519\u8BEF" },
{ "compiler.err.proc.processor.cant.instantiate",
"\u65E0\u6CD5\u5B9E\u4F8B\u5316\u5904\u7406\u7A0B\u5E8F "{0}" \u7684\u5B9E\u4F8B" },
{ "compiler.err.proc.processor.not.found",
"\u627E\u4E0D\u5230\u6CE8\u91CA\u5904\u7406\u7A0B\u5E8F "{0}"" },
{ "compiler.err.proc.processor.wrong.type", "\u6CE8\u91CA\u5904\u7406\u7A0B\u5E8F "{0}"
\u672A\u5B9E\u73B0 javax.annotation.processing.Processor" },
{ "compiler.err.proc.service.problem",
"\u521B\u5EFA\u670D\u52A1\u52A0\u8F7D\u5668\u4EE5\u52A0\u8F7D\u5904\u7406\u7A0B\u5E8F\u65F6\u51
FA\u9519\u3002" },
{ "compiler.err.qualified.new.of.static.class", "\u9650\u5B9A\u7684\u65B0\u9759\u6001\u7C7B" },
{ "compiler.err.receiver.parameter.not.applicable.constructor.toplevel.class",
"\u63A5\u6536\u65B9\u53C2\u6570\u4E0D\u9002\u7528\u4E8E\u9876\u5C42\u7C7B\u7684\u6784\u9020\u5668
"
},
{ "compiler.err.recursive.ctor.invocation", "\u9012\u5F52\u6784\u9020\u5668\u8C03\u7528" },
{ "compiler.err.ref.ambiguous", "\u5BF9{0}\u7684\u5F15\u7528\u4E0D\u660E\u786E\n{3}
\u4E2D\u7684{1} {2} \u548C {6} \u4E2D\u7684{4} {5} \u90FD\u5339\u914D" },
{ "compiler.err.repeatable.annotations.not.supported.in.source", "-source
{0}\u4E2D\u4E0D\u652F\u6301\u91CD\u590D\u6CE8\u91CA\n(\u8BF7\u4F7F\u7528 -source 8
\u6216\u66F4\u9AD8\u7248\u672C\u4EE5\u542F\u7528\u91CD\u590D\u6CE8\u91CA)" },
{ "compiler.err.repeated.annotation.target", "\u6CE8\u91CA\u76EE\u6807\u91CD\u590D" },
{ "compiler.err.repeated.interface", "\u63A5\u53E3\u91CD\u590D" },
{ "compiler.err.repeated.modifier", "\u4FEE\u9970\u7B26\u91CD\u590D" },
{ "compiler.err.report.access", "{0} \u5728 {2} \u4E2D\u662F {1} \u8BBF\u95EE\u63A7\u5236" },
{ "compiler.err.ret.outside.meth",
"\u8FD4\u56DE\u5916\u90E8\u65B9\u6CD5" },
{ "compiler.err.signature.doesnt.match.intf", "\u7B7E\u540D\u4E0E{0}\u4E0D\u5339\u914D;
\u4E0D\u517C\u5BB9\u7684\u63A5\u53E3" },
{ "compiler.err.signature.doesnt.match.supertype", "\u7B7E\u540D\u4E0E{0}\u4E0D\u5339\u914D;
\u4E0D\u517C\u5BB9\u7684\u8D85\u7C7B\u578B" },
{ "compiler.err.source.cant.overwrite.input.file", "\u5199\u5165\u6E90\u65F6\u51FA\u9519;
\u65E0\u6CD5\u8986\u76D6\u8F93\u5165\u6587\u4EF6{0}" },
{ "compiler.err.stack.sim.error", "\u5185\u90E8\u9519\u8BEF: {0}\u4E2D\u7684\u5806\u6808 sim
\u9519\u8BEF" },
{ "compiler.err.static.imp.only.classes.and.interfaces",
"\u4EC5\u4ECE\u7C7B\u548C\u63A5\u53E3\u9759\u6001\u5BFC\u5165" },
{ "compiler.err.static.import.not.supported.in.source", "-source {0}
\u4E2D\u4E0D\u652F\u6301\u9759\u6001\u5BFC\u5165\u58F0\u660E\n(\u8BF7\u4F7F\u7528 -source 5
\u6216\u66F4\u9AD8\u7248\u672C\u4EE5\u542F\u7528\u9759\u6001\u5BFC\u5165\u58F0\u660E)"
},
{ "compiler.err.static.intf.method.invoke.not.supported.in.source", "-source {0}
\u4E2D\u4E0D\u652F\u6301\u9759\u6001\u63A5\u53E3\u65B9\u6CD5\u8C03\u7528\n(\u8BF7\u4F7F\u7528 -
source 8
\u6216\u66F4\u9AD8\u7248\u672C\u4EE5\u542F\u7528\u9759\u6001\u63A5\u53E3\u65B9\u6CD5\u8C03\u7528)
" },
{ "compiler.err.static.intf.methods.not.supported.in.source", "-source {0}
\u4E2D\u4E0D\u652F\u6301\u9759\u6001\u63A5\u53E3\u65B9\u6CD5\n(\u8BF7\u4F7F\u7528 -source 8

\u6216\u66F4\u9AD8\u7248\u672C\u4EE5\u542F\u7528\u9759\u6001\u63A5\u53E3\u65B9\u6CD5)" },
{ "compiler.err.string.const.req", "\u9700\u8981\u5E38\u91CF\u5B57\u7B26\u4E32\u8868\u8FBE\u5F0F" },
{ "compiler.err.string.switch.not.supported.in.source", "-source {0} \u4E2D\u4E0D\u652F\u6301 switch \u4E2D\u5B58\u5728\u5B57\u7B26\u4E32\n(\u8BF7\u4F7F\u7528 -source 7 \u6216\u66F4\u9AD8\u7248\u672C\u4EE5\u5141\u8BB8 switch \u4E2D\u5B58\u5728\u5B57\u7B26\u4E32)" },
{ "compiler.err.synthetic.name.conflict", "\u7B26\u53F7{0}\u4E0E{1}\u4E2D\u7684 compiler-synthesized \u7B26\u53F7\u51B2\u7A81" },
{ "compiler.err.this.as.identifier", "\u4ECE\u53D1\u884C\u7248 8 \u5F00\u59CB, "this" \u53EA\u80FD\u4F5C\u4E3A\u63A5\u6536\u65B9\u7C7B\u578B\u7684\u53C2\u6570\u540D, \u8BE5\u53C2\u6570\u5FC5\u987B\u4E3A\u7B2C\u4E00\u4E2A\u53C2\u6570" },
{ "compiler.err.throws.not.allowed.in.intf.annotation", "@interface \u6210\u5458\u4E2D\u4E0D\u5141\u8BB8\u4F7F\u7528 throws \u5B50\u53E5" },
{ "compiler.err.try.resource.may.not.be.assigned", "\u53EF\u80FD\u672A\u5206\u914D\u53EF\u81EA\u52A8\u5173\u95ED\u7684\u8D44\u6E90{0}" },
{ "compiler.err.try.with.resources.not.supported.in.source", "-source {0} \u4E2D\u4E0D\u652F\u6301 try-with-resources\n(\u8BF7\u4F7F\u7528 -source 7 \u6216\u66F4\u9AD8\u7248\u672C\u4EE5\u542F\u7528 try-with-resources)" },
{ "compiler.err.try.without.catch.finally.or.resource.decls", ""try" \u4E0D\u5E26\u6709 "catch", "finally" \u6216\u8D44\u6E90\u58F0\u660E" },
{ "compiler.err.try.without.catch.or.finally", "\u6709 "try", \u4F46\u662F\u6CA1\u6709 "catch" \u6216 "finally"" },
{ "compiler.err.type.annotations.not.supported.in.source", "-source {0} \u4E2D\u4E0D\u652F\u6301\u7C7B\u578B\u6CE8\u91CA\n(\u8BF7\u4F7F\u7528 -source 8 \u6216\u66F4\u9AD8\u7248\u672C\u4EE5\u542F\u7528\u7C7B\u578B\u6CE8\u91CA)" },
{ "compiler.err.type.doesnt.take.params", "\u7C7B\u578B{0}\u4E0D\u5E26\u6709\u53C2\u6570" },
{ "compiler.err.type.found.req", "\u610F\u5916\u7684\u7C7B\u578B\n\u9700\u8981: {1}\n\u627E\u5230: {0}" },
{ "compiler.err.type.var.cant.be.deref", "\u65E0\u6CD5\u4ECE\u7C7B\u578B\u53D8\u91CF\u4E2D\u8FDB\u884C\u9009\u62E9" },
{ "compiler.err.type.var.may.not.be.followed.by.other.bounds", "\u7C7B\u578B\u53D8\u91CF\u540E\u9762\u4E0D\u80FD\u5E26\u6709\u5176\u4ED6\u9650\u5236\u8303\u56F4" },
{ "compiler.err.type.var.more.than.once", "\u7C7B\u578B\u53D8\u91CF{0}\u5728{1}\u7684\u7ED3\u679C\u7C7B\u578B\u4E2D\u591A\u6B21\u51FA\u73B0; \u5FC5\u987B\u5BF9\u5176\u8FDB\u884C\u5B9E\u4F8B\u5316" },
{ "compiler.err.type.var.more.than.once.in.result", "\u7C7B\u578B\u53D8\u91CF{0}\u5728{1}\u7684\u7C7B\u578B\u4E2D\u591A\u6B21\u51FA\u73B0; \u5FC5\u987B\u5BF9\u5176\u8FDB\u884C\u5B9E\u4F8B\u5316" },
{ "compiler.err.types.incompatible.abstract.default", "{0} {1}\u4ECE\u7C7B\u578B {4} \u548C {5} \u4E2D\u7EE7\u627F\u4E86{2}({3}) \u7684\u62BD\u8C61\u548C\u9ED8\u8BA4\u503C" },
{ "compiler.err.types.incompatible.diff.ret", "\u7C7B\u578B{0}\u548C{1}\u4E0D\u517C\u5BB9; \u4E24\u8005\u90FD\u5B9A\u4E49\u4E86{2}, \u4F46\u5374\u5E26\u6709\u4E0D\u76F8\u5173\u7684\u8FD4\u56DE\u7C7B\u578B" },
{ "compiler.err.types.incompatible.unrelated.defaults", "{0} {1}\u4ECE\u7C7B\u578B {4} \u548C {5} \u4E2D\u7EE7\u627F\u4E86{2}({3}) \u7684\u4E0D\u76F8\u5173\u9ED8\u8BA4\u503C" },
{ "compiler.err.unclosed.char.lit", "\u672A\u7ED3\u675F\u7684\u5B57\u7B26\u6587\u5B57" },

{ "compiler.err.unclosed.comment", "\u672A\u7ED3\u675F\u7684\u6CE8\u91CA" },
{ "compiler.err.unclosed.str.lit", "\u672A\u7ED3\u675F\u7684\u5B57\u7B26\u4E32\u6587\u5B57" },
{ "compiler.err.undef.label", "\u672A\u5B9A\u4E49\u7684\u6807\u7B7E: {0}" },
{ "compiler.err.underscore.as.identifier.in.lambda", ""_"
\u7528\u4F5C\u6807\u8BC6\u7B26\n(\u5BF9\u4E8E lambda \u53C2\u6570, \u7981\u6B62\u5C06 "_"
\u7528\u4F5C\u6807\u8BC6\u7B26)" },
{ "compiler.err.unexpected.lambda", "\u6B64\u5904\u4E0D\u5E94\u4E3A lambda \u8868\u8FBE\u5F0F" },
{ "compiler.err.unexpected.mref", "\u6B64\u5904\u4E0D\u5E94\u4E3A\u65B9\u6CD5\u5F15\u7528" },
{ "compiler.err.unexpected.type", "\u610F\u5916\u7684\u7C7B\u578B\n\u9700\u8981: {0}\n\u627E\u5230:
{1}" },
{ "compiler.err.unreachable.stmt", "\u65E0\u6CD5\u8BBF\u95EE\u7684\u8BED\u53E5"
},
{ "compiler.err.unreported.exception.default.constructor",
"\u9ED8\u8BA4\u6784\u9020\u5668\u4E2D\u672A\u62A5\u544A\u7684\u5F02\u5E38\u9519\u8BEF{0}" },
{ "compiler.err.unreported.exception.implicit.close",
"\u672A\u62A5\u544A\u7684\u5F02\u5E38\u9519\u8BEF{0};
\u5FC5\u987B\u5BF9\u5176\u8FDB\u884C\u6355\u83B7\u6216\u58F0\u660E\u4EE5\u4FBF\u629B\u51FA\n\u5
BF9\u8D44\u6E90\u53D8\u91CF "{1}" \u9690\u5F0F\u8C03\u7528 close()
\u65F6\u629B\u51FA\u4E86\u5F02\u5E38\u9519\u8BEF" },
{ "compiler.err.unreported.exception.need.to.catch.or.throw",
"\u672A\u62A5\u544A\u7684\u5F02\u5E38\u9519\u8BEF{0};
\u5FC5\u987B\u5BF9\u5176\u8FDB\u884C\u6355\u83B7\u6216\u58F0\u660E\u4EE5\u4FBF\u629B\u51FA" },
{ "compiler.err.unsupported.binary.lit", "-source {0}
\u4E2D\u4E0D\u652F\u6301\u4E8C\u8FDB\u5236\u6587\u5B57\n(\u8BF7\u4F7F\u7528 -source 7
\u6216\u66F4\u9AD8\u7248\u672C\u4EE5\u542F\u7528\u4E8C\u8FDB\u5236\u6587\u5B57)" },
{ "compiler.err.unsupported.cross.fp.lit", "\u8BE5 VM
\u4E0D\u652F\u6301\u5341\u516D\u8FDB\u5236\u6D6E\u70B9\u6587\u5B57" },
{ "compiler.err.unsupported.encoding", "\u4E0D\u652F\u6301\u7684\u7F16\u7801: {0}" },
{ "compiler.err.unsupported.fp.lit", "-source {0}
\u4E2D\u4E0D\u652F\u6301\u5341\u516D\u8FDB\u5236\u6D6E\u70B9\u6587\u5B57\n(\u8BF7\u4F7F\u7528 -
source 5
\u6216\u66F4\u9AD8\u7248\u672C\u4EE5\u542F\u7528\u5341\u516D\u8FDB\u5236\u6D6E\u70B9\u6587\u5B57
)" },
{ "compiler.err.unsupported.underscore.lit", "-source {0}
\u4E2D\u4E0D\u652F\u6301\u6587\u5B57\u4E2D\u5B58\u5728\u4E0B\u5212\u7EBF\n(\u8BF7\u4F7F\u7528 -
source 7
\u6216\u66F4\u9AD8\u7248\u672C\u4EE5\u5141\u8BB8\u6587\u5B57\u4E2D\u5B58\u5728\u4E0B\u5212\u7EB
F)" },
{ "compiler.err.var.might.already.be.assigned", "\u53EF\u80FD\u5DF2\u5206\u914D\u53D8\u91CF{0}" },
{ "compiler.err.var.might.be.assigned.in.loop", "\u53EF\u80FD\u5728 loop
\u4E2D\u5206\u914D\u4E86\u53D8\u91CF{0}"
},
{ "compiler.err.var.might.not.have.been.initialized",
"\u53EF\u80FD\u5C1A\u672A\u521D\u59CB\u5316\u53D8\u91CF{0}" },
{ "compiler.err.var.not.initialized.in.default.constructor", "\u53D8\u91CF {0}
\u672A\u5728\u9ED8\u8BA4\u6784\u9020\u5668\u4E2D\u521D\u59CB\u5316" },
{ "compiler.err.varargs.and.old.array.syntax", "variable-arity
\u53C2\u6570\u4E2D\u4E0D\u5141\u8BB8\u4F7F\u7528\u4F20\u7EDF\u6570\u7EC4\u8BB0\u53F7" },

{ "compiler.err.varargs.and.receiver",
"\u63A5\u6536\u65B9\u53C2\u6570\u4E0D\u5141\u8BB8\u4F7F\u7528 varargs \u8BB0\u53F7" },
{ "compiler.err.varargs.invalid.trustme.anno", "{0} \u6CE8\u91CA\u65E0\u6548\u3002{1}" },
{ "compiler.err.varargs.not.supported.in.source", "-source {0} \u4E2D\u4E0D\u652F\u6301 variable-arity
\u65B9\u6CD5\n(\u8BF7\u4F7F\u7528 -source 5 \u6216\u66F4\u9AD8\u7248\u672C\u4EE5\u542F\u7528
variable-arity \u65B9\u6CD5)" },
{ "compiler.err.variable.not.allowed",
"\u6B64\u5904\u4E0D\u5141\u8BB8\u4F7F\u7528\u53D8\u91CF\u58F0\u660E" },
{ "compiler.err.void.not.allowed.here", "\u6B64\u5904\u4E0D\u5141\u8BB8\u4F7F\u7528 "\u7A7A"
\u7C7B\u578B" },
{ "compiler.err.warnings.and.werror", "\u53D1\u73B0\u8B66\u544A, \u4F46\u6307\u5B9A\u4E86 -Werror"
},
{ "compiler.err.wrong.number.type.args", "\u7C7B\u578B\u53D8\u91CF\u6570\u76EE\u9519\u8BEF;
\u9700\u8981{0}" },
{ "compiler.misc.anonymous.class", "<\u533F\u540D{0}>" },
{ "compiler.misc.applicable.method.found", "\u627E\u5230\u7B2C {0}
\u4E2A\u9002\u7528\u65B9\u6CD5: {1}" },
{ "compiler.misc.applicable.method.found.1", "\u627E\u5230\u7B2C {0}
\u4E2A\u9002\u7528\u65B9\u6CD5: {1}\n({2})" },
{ "compiler.misc.arg.length.mismatch",
"\u5B9E\u9645\u53C2\u6570\u5217\u8868\u548C\u5F62\u5F0F\u53C2\u6570\u5217\u8868\u957F\u5EA6\u4E0D
\u540C" },
{ "compiler.misc.bad.class.file.header", "\u9519\u8BEF\u7684\u7C7B\u6587\u4EF6:
{0}\n{1}\n\u8BF7\u5220\u9664\u8BE5\u6587\u4EF6\u6216\u786E\u4FDD\u8BE5\u6587\u4EF6\u4F4D\u4E8E\u
6B63\u786E\u7684\u7C7B\u8DEF\u5F84\u5B50\u76EE\u5F55\u4E2D\u3002" },
{ "compiler.misc.bad.class.signature", "\u9519\u8BEF\u7684\u7C7B\u7B7E\u540D: {0}" },
{ "compiler.misc.bad.const.pool.entry", "{0}
\u4E2D\u9519\u8BEF\u7684\u5E38\u91CF\u6C60\u6761\u76EE\n\u9884\u671F\u4E3A\u7D22\u5F15 {2}
\u5904\u7684 {1}" },
{ "compiler.misc.bad.const.pool.tag", "\u9519\u8BEF\u7684\u5E38\u91CF\u6C60\u6807\u8BB0: {0}" },
{ "compiler.misc.bad.const.pool.tag.at", "\u9519\u8BEF\u7684\u5E38\u91CF\u6C60\u6807\u8BB0: {0},
\u4F4D\u4E8E{1}" },
{ "compiler.misc.bad.enclosing.class", "{0}\u7684\u5C01\u95ED\u7C7B\u9519\u8BEF: {1}" },
{ "compiler.misc.bad.enclosing.method", "\u7C7B {0}
\u7684\u5C01\u95ED\u65B9\u6CD5\u5C5E\u6027\u9519\u8BEF" },
{ "compiler.misc.bad.intersection.target.for.functional.expr", "lambda
\u6216\u65B9\u6CD5\u5F15\u7528\u7684\u4EA4\u53C9\u7C7B\u578B\u76EE\u6807\u9519\u8BEF\n{0}"
},
{ "compiler.misc.bad.runtime.invisible.param.annotations", "\u9519\u8BEF\u7684
RuntimeInvisibleParameterAnnotations \u5C5E\u6027: {0}" },
{ "compiler.misc.bad.signature", "\u9519\u8BEF\u7684\u7B7E\u540D: {0}" },
{ "compiler.misc.bad.source.file.header", "\u9519\u8BEF\u7684\u6E90\u6587\u4EF6:
{0}\n{1}\n\u8BF7\u5220\u9664\u8BE5\u6587\u4EF6\u6216\u786E\u4FDD\u8BE5\u6587\u4EF6\u4F4D\u4E8E\u
6B63\u786E\u7684\u6E90\u8DEF\u5F84\u5B50\u76EE\u5F55\u4E2D\u3002" },
{ "compiler.misc.bad.type.annotation.value",
"\u9519\u8BEF\u7684\u7C7B\u578B\u6CE8\u91CA\u76EE\u6807\u7C7B\u578B\u503C: {0}" },
{ "compiler.misc.base.membership",
"\u60A8\u7684\u6240\u6709\u57FA\u7C7B\u90FD\u5C5E\u4E8E\u6211\u4EEC" },

{ "compiler.misc.cant.access.inner.cls.constr", "\u65E0\u6CD5\u8BBF\u95EE\u6784\u9020\u5668 {0}({1})\n\u4F5C\u7528\u57DF\u4E2D\u6CA1\u6709\u7C7B\u578B\u4E3A{2}\u7684\u5C01\u95ED\u5B9E\u4F8B"
},
{ "compiler.misc.cant.apply.diamond.1", "\u65E0\u6CD5\u63A8\u65AD{0}\u7684\u7C7B\u578B\u53C2\u6570\n\u539F\u56E0: {1}" },
{ "compiler.misc.cant.apply.symbol", "\u65E0\u6CD5\u5C06 {4} {5}\u4E2D\u7684 {0} {1}\u5E94\u7528\u5230\u7ED9\u5B9A\u7C7B\u578B\n\u9700\u8981: {2}\n\u627E\u5230: {3}\n\u539F\u56E0: {6}" },
{ "compiler.misc.cant.apply.symbols", "\u5BF9\u4E8E{1}({2}), \u627E\u4E0D\u5230\u5408\u9002\u7684{0}" },
{ "compiler.misc.cant.implement", "{1}\u4E2D\u7684{0}\u65E0\u6CD5\u5B9E\u73B0{3}\u4E2D\u7684{2}" },
{ "compiler.misc.cant.override", "{1}\u4E2D\u7684{0}\u65E0\u6CD5\u8986\u76D6{3}\u4E2D\u7684{2}" },
{ "compiler.misc.cant.resolve.location.args", "\u627E\u4E0D\u5230\u7B26\u53F7\n\u7B26\u53F7: {0} {1}({3})\n\u4F4D\u7F6E: {4}" },
{ "compiler.misc.cant.resolve.location.args.params", "\u627E\u4E0D\u5230\u7B26\u53F7\n\u7B26\u53F7: {0} <{2}>{1}({3})\n\u4F4D\u7F6E:
{4}" },
{ "compiler.misc.captured.type", "CAP#{0}" },
{ "compiler.misc.ccf.found.later.version", "\u7C7B\u6587\u4EF6\u7684\u7248\u672C\u9AD8\u4E8E\u9884\u671F: {0}" },
{ "compiler.misc.ccf.unrecognized.attribute", "\u65E0\u6CD5\u8BC6\u522B\u7684\u5C5E\u6027: {0}" },
{ "compiler.misc.clashes.with", "{1}\u4E2D\u7684{0}\u4E0E{3}\u4E2D\u7684{2}\u51B2\u7A81" },
{ "compiler.misc.class.file.not.found", "\u627E\u4E0D\u5230{0}\u7684\u7C7B\u6587\u4EF6" },
{ "compiler.misc.class.file.wrong.class", "\u7C7B\u6587\u4EF6\u5305\u542B\u9519\u8BEF\u7684\u7C7B: {0}" },
{ "compiler.misc.conditional.target.cant.be.void", "\u6761\u4EF6\u8868\u8FBE\u5F0F\u7684\u76EE\u6807\u7C7B\u578B\u4E0D\u80FD\u4E3A\u7A7A" },
{ "compiler.misc.count.error", "{0} \u4E2A\u9519\u8BEF" },
{ "compiler.misc.count.error.plural", "{0} \u4E2A\u9519\u8BEF" },
{ "compiler.misc.count.warn", "{0} \u4E2A\u8B66\u544A"
},
{ "compiler.misc.count.warn.plural", "{0} \u4E2A\u8B66\u544A" },
{ "compiler.misc.descriptor", "\u63CF\u8FF0\u7B26: {2} {0}({1})" },
{ "compiler.misc.descriptor.throws", "\u63CF\u8FF0\u7B26: {2} {0}({1}) \u629B\u51FA{3}" },
{ "compiler.misc.diamond", "{0}<>" },
{ "compiler.misc.diamond.and.anon.class", "\u65E0\u6CD5\u5C06 "<>" \u4E0E\u533F\u540D\u5185\u90E8\u7C7B\u4E00\u8D77\u4F7F\u7528" },
{ "compiler.misc.diamond.and.explicit.params", "\u4E0D\u80FD\u5C06 "<>" \u4E0E\u6784\u9020\u5668\u7684\u663E\u5F0F\u7C7B\u578B\u53C2\u6570\u4E00\u8D77\u4F7F\u7528" },
{ "compiler.misc.diamond.non.generic", "\u65E0\u6CD5\u5C06 "<>" \u4E0E\u975E\u6CDB\u578B\u7C7B{0}\u4E00\u8D77\u4F7F\u7528" },
{ "compiler.misc.explicit.param.do.not.conform.to.bounds", "\u663E\u5F0F\u7C7B\u578B\u53C2\u6570{0}\u4E0D\u7B26\u5408\u58F0\u660E\u7684\u8303\u56F4{1}" },
{ "compiler.misc.fatal.err.cant.close",

"\u81F4\u547D\u9519\u8BEF: \u65E0\u6CD5\u5173\u95ED\u7F16\u8BD1\u5668\u8D44\u6E90" },
{ "compiler.misc.fatal.err.cant.locate.ctor", "\u81F4\u547D\u9519\u8BEF:
\u627E\u4E0D\u5230{0}\u7684\u6784\u9020\u5668" },
{ "compiler.misc.fatal.err.cant.locate.field", "\u81F4\u547D\u9519\u8BEF:
\u627E\u4E0D\u5230\u5B57\u6BB5{0}" },
{ "compiler.misc.fatal.err.cant.locate.meth", "\u81F4\u547D\u9519\u8BEF:
\u627E\u4E0D\u5230\u65B9\u6CD5{0}" },
{ "compiler.misc.fatal.err.no.java.lang", "\u81F4\u547D\u9519\u8BEF:
\u5728\u7C7B\u8DEF\u5F84\u6216\u5F15\u5BFC\u7C7B\u8DEF\u5F84\u4E2D\u627E\u4E0D\u5230\u7A0B\u5E
8F\u5305 java.lang" },
{ "compiler.misc.file.does.not.contain.package",
"\u6587\u4EF6\u4E0D\u5305\u542B\u7A0B\u5E8F\u5305{0}" },
{ "compiler.misc.file.doesnt.contain.class", "\u6587\u4EF6\u4E0D\u5305\u542B\u7C7B{0}" },
{ "compiler.misc.illegal.start.of.class.file", "\u975E\u6CD5\u7684\u7C7B\u6587\u4EF6\u5F00\u59CB" },
{ "compiler.misc.inaccessible.varargs.type", "\u5F62\u5F0F varargs
\u5143\u7D20\u7C7B\u578B{0}\u65E0\u6CD5\u4ECE {1} {2} \u8FDB\u884C\u8BBF\u95EE" },
{ "compiler.misc.inapplicable.method", "{0} {1}.{2}\u4E0D\u9002\u7528\n({3})" },
{ "compiler.misc.incompatible.abstracts", "\u5728 {0} {1}
\u4E2D\u627E\u5230\u591A\u4E2A\u975E\u8986\u76D6\u62BD\u8C61\u65B9\u6CD5" },
{ "compiler.misc.incompatible.arg.types.in.lambda", "lambda
\u8868\u8FBE\u5F0F\u4E2D\u7684\u53C2\u6570\u7C7B\u578B\u4E0D\u517C\u5BB9" },
{ "compiler.misc.incompatible.arg.types.in.mref",
"\u65B9\u6CD5\u5F15\u7528\u4E2D\u7684\u53C2\u6570\u7C7B\u578B\u4E0D\u517C\u5BB9" },
{ "compiler.misc.incompatible.descs.in.functional.intf", "\u5728 {0} {1}
\u4E2D\u627E\u5230\u4E0D\u517C\u5BB9\u7684\u51FD\u6570\u63CF\u8FF0\u7B26" },
{ "compiler.misc.incompatible.eq.lower.bounds",
"\u63A8\u8BBA\u53D8\u91CF{0}\u5177\u6709\u4E0D\u517C\u5BB9\u7684\u9650\u5236\u8303\u56F4\n\u7B49
\u5F0F\u7EA6\u675F\u6761\u4EF6:
{1}\n\u4E0B\u9650: {2}" },
{ "compiler.misc.incompatible.eq.upper.bounds", "\u63A8\u8BBA\u53D8\u91CF {0}
\u5177\u6709\u4E0D\u517C\u5BB9\u7684\u9650\u5236\u8303\u56F4\n\u7B49\u5F0F\u7EA6\u675F\u6761\u4EF
6: {1}\n\u4E0A\u9650: {2}" },
{ "compiler.misc.incompatible.ret.type.in.lambda", "lambda
\u8868\u8FBE\u5F0F\u4E2D\u7684\u8FD4\u56DE\u7C7B\u578B\u9519\u8BEF\n{0}" },
{ "compiler.misc.incompatible.ret.type.in.mref",
"\u65B9\u6CD5\u5F15\u7528\u4E2D\u7684\u8FD4\u56DE\u7C7B\u578B\u9519\u8BEF\n{0}" },
{ "compiler.misc.incompatible.type.in.conditional",
"\u6761\u4EF6\u8868\u8FBE\u5F0F\u4E2D\u7684\u7C7B\u578B\u9519\u8BEF\n{0}" },
{ "compiler.misc.incompatible.upper.bounds", "\u63A8\u8BBA\u53D8\u91CF {0}
\u5177\u6709\u4E0D\u517C\u5BB9\u7684\u4E0A\u9650 {1}" },
{ "compiler.misc.inconvertible.types", "{0}\u65E0\u6CD5\u8F6C\u6362\u4E3A{1}" },
{ "compiler.misc.infer.arg.length.mismatch",
"\u65E0\u6CD5\u63A8\u65AD\u7C7B\u578B\u53D8\u91CF
{0}\n(\u5B9E\u9645\u53C2\u6570\u5217\u8868\u548C\u5F62\u5F0F\u53C2\u6570\u5217\u8868\u957F\u5EA6\u
4E0D\u540C)" },
{ "compiler.misc.infer.no.conforming.assignment.exists",
"\u65E0\u6CD5\u63A8\u65AD\u7C7B\u578B\u53D8\u91CF {0}\n(\u53C2\u6570\u4E0D\u5339\u914D; {1})" },
{ "compiler.misc.infer.no.conforming.instance.exists",

"\u4E0D\u5B58\u5728\u7C7B\u578B\u53D8\u91CF{0}\u7684\u5B9E\u4F8B,
\u4EE5\u4F7F{1}\u4E0E{2}\u4E00\u81F4" },
{ "compiler.misc.infer.varargs.argument.mismatch",
"\u65E0\u6CD5\u63A8\u65AD\u7C7B\u578B\u53D8\u91CF {0}\n(varargs \u4E0D\u5339\u914D; {1})" },
{ "compiler.misc.inferred.do.not.conform.to.eq.bounds",
"\u63A8\u65AD\u7C7B\u578B\u4E0D\u7B26\u5408\u7B49\u5F0F\u7EA6\u675F\u6761\u4EF6\n\u63A8\u65AD:
{0}\n\u7B49\u5F0F\u7EA6\u675F\u6761\u4EF6: {1}" },
{ "compiler.misc.inferred.do.not.conform.to.lower.bounds",
"\u63A8\u65AD\u7C7B\u578B\u4E0D\u7B26\u5408\u4E0B\u9650\n\u63A8\u65AD:
{0}\n\u4E0B\u9650: {1}" },
{ "compiler.misc.inferred.do.not.conform.to.upper.bounds",
"\u63A8\u65AD\u7C7B\u578B\u4E0D\u7B26\u5408\u4E0A\u9650\n\u63A8\u65AD: {0}\n\u4E0A\u9650: {1}" },
{ "compiler.misc.inner.cls", "\u5185\u90E8\u7C7B" },
{ "compiler.misc.intersection.type", "INT#{0}" },
{ "compiler.misc.invalid.default.interface", "\u5728 {0}.{1}
\u7248\u7C7B\u6587\u4EF6\u4E2D\u627E\u5230\u9ED8\u8BA4\u65B9\u6CD5" },
{ "compiler.misc.invalid.generic.lambda.target", "lambda
\u8868\u8FBE\u5F0F\u7684\u51FD\u6570\u63CF\u8FF0\u7B26\u65E0\u6548\n{1} {2}
\u4E2D\u7684\u65B9\u6CD5 {0} \u4E3A\u6CDB\u578B\u65B9\u6CD5" },
{ "compiler.misc.invalid.mref", "{0}\u5F15\u7528\u65E0\u6548\n{1}" },
{ "compiler.misc.invalid.static.interface", "\u5728 {0}.{1}
\u7248\u7C7B\u6587\u4EF6\u4E2D\u627E\u5230\u9759\u6001\u65B9\u6CD5" },
{ "compiler.misc.kindname.annotation", "@interface" },
{ "compiler.misc.kindname.class", "\u7C7B" },
{ "compiler.misc.kindname.constructor", "\u6784\u9020\u5668" },
{ "compiler.misc.kindname.enum", "\u679A\u4E3E" },
{ "compiler.misc.kindname.instance.init", "\u5B9E\u4F8B\u521D\u59CB\u5316\u7A0B\u5E8F" },
{ "compiler.misc.kindname.interface", "\u63A5\u53E3" },
{ "compiler.misc.kindname.method", "\u65B9\u6CD5" },
{ "compiler.misc.kindname.package", "\u7A0B\u5E8F\u5305" },
{ "compiler.misc.kindname.static", "\u9759\u6001" },
{ "compiler.misc.kindname.static.init", "\u9759\u6001\u521D\u59CB\u5316\u7A0B\u5E8F" },
{ "compiler.misc.kindname.type.variable", "\u7C7B\u578B\u53D8\u91CF" },
{ "compiler.misc.kindname.type.variable.bound",
"\u7C7B\u578B\u53D8\u91CF\u7684\u9650\u5236\u8303\u56F4" },
{ "compiler.misc.kindname.value", "\u503C" },
{ "compiler.misc.kindname.variable", "\u53D8\u91CF" },
{ "compiler.misc.lambda", "lambda \u8868\u8FBE\u5F0F" },
{ "compiler.misc.location", "{0} {1}" },
{ "compiler.misc.location.1", "\u7C7B\u578B\u4E3A{2}\u7684{0} {1}" },
{ "compiler.misc.missing.ret.val", "\u7F3A\u5C11\u8FD4\u56DE\u503C" },
{ "compiler.misc.mref.infer.and.explicit.params",
"\u4E0D\u80FD\u5C06\u539F\u59CB\u6784\u9020\u5668\u5F15\u7528\u4E0E\u6784\u9020\u5668\u7684\u663E\
u5F0F\u7C7B\u578B\u53C2\u6570\u4E00\u8D77\u4F7F\u7528" },
{ "compiler.misc.no.abstracts", "\u5728 {0} {1}
\u4E2D\u627E\u4E0D\u5230\u62BD\u8C61\u65B9\u6CD5" },
{ "compiler.misc.no.args", "\u6CA1\u6709\u53C2\u6570" },
{ "compiler.misc.no.conforming.assignment.exists", "\u53C2\u6570\u4E0D\u5339\u914D; {0}" },

{ "compiler.misc.no.suitable.functional.intf.inst",
"\u65E0\u6CD5\u63A8\u65AD{0}\u7684\u51FD\u6570\u63A5\u53E3\u63CF\u8FF0\u7B26" },
{ "compiler.misc.no.unique.maximal.instance.exists",
"\u5BF9\u4E8E\u4E0A\u9650\u4E3A{1}\u7684\u7C7B\u578B\u53D8\u91CF{0},
\u4E0D\u5B58\u5728\u552F\u4E00\u6700\u5927\u5B9E\u4F8B" },
{ "compiler.misc.no.unique.minimal.instance.exists",
"\u5BF9\u4E8E\u4E0B\u9650\u4E3A{1}\u7684\u7C7B\u578B\u53D8\u91CF{0},
\u4E0D\u5B58\u5728\u552F\u4E00\u6700\u5C0F\u5B9E\u4F8B" },
{ "compiler.misc.non-static.cant.be.ref",
"\u65E0\u6CD5\u4ECE\u9759\u6001\u4E0A\u4E0B\u6587\u4E2D\u5F15\u7528\u975E\u9759\u6001 {0} {1}" },
{ "compiler.misc.not.a.functional.intf", "{0} \u4E0D\u662F\u51FD\u6570\u63A5\u53E3" },
{ "compiler.misc.not.a.functional.intf.1", "{0} \u4E0D\u662F\u51FD\u6570\u63A5\u53E3\n{1}" },
{ "compiler.misc.not.an.intf.component", "\u7EC4\u4EF6\u7C7B\u578B{0}\u4E0D\u662F\u63A5\u53E3" },
{ "compiler.misc.not.applicable.method.found", "\u627E\u5230\u7B2C {0}
\u4E2A\u4E0D\u9002\u7528\u7684\u65B9\u6CD5: {1}\n({2})" },
{ "compiler.misc.not.def.access.class.intf.cant.access",
"{1}\u4E2D\u7684{0}\u662F\u5728\u4E0D\u53EF\u8BBF\u95EE\u7684\u7C7B\u6216\u63A5\u53E3\u4E2D\u5B
9A\u4E49\u7684"
},
{ "compiler.misc.not.def.public.cant.access", "{0}\u5728{1}\u4E2D\u4E0D\u662F\u516C\u5171\u7684;
\u65E0\u6CD5\u4ECE\u5916\u90E8\u7A0B\u5E8F\u5305\u4E2D\u5BF9\u5176\u8FDB\u884C\u8BBF\u95EE" },
{ "compiler.misc.overridden.default", "\u8986\u76D6\u4E86{1}\u4E2D\u7684\u65B9\u6CD5 {0}" },
{ "compiler.misc.partial.inst.sig", "\u90E8\u5206\u5B9E\u4F8B\u5316\u4E3A: {0}" },
{ "compiler.misc.possible.loss.of.precision",
"\u4ECE{0}\u8F6C\u6362\u5230{1}\u53EF\u80FD\u4F1A\u6709\u635F\u5931" },
{ "compiler.misc.prob.found.req", "\u4E0D\u517C\u5BB9\u7684\u7C7B\u578B: {0}" },
{ "compiler.misc.redundant.supertype", "\u5197\u4F59\u63A5\u53E3 {0} \u5DF2\u7531 {1} \u6269\u5C55"
},
{ "compiler.misc.ref.ambiguous", "\u5BF9{0}\u7684\u5F15\u7528\u4E0D\u660E\u786E\n{3}
\u4E2D\u7684{1} {2} \u548C {6} \u4E2D\u7684{4} {5}
\u90FD\u5339\u914D" },
{ "compiler.misc.report.access", "{0} \u5728 {2} \u4E2D\u662F {1} \u8BBF\u95EE\u63A7\u5236" },
{ "compiler.misc.resume.abort", "\u7EE7\u7EED(R), \u653E\u5F03(A)>" },
{ "compiler.misc.source.unavailable", "(\u6E90\u4E0D\u53EF\u7528)" },
{ "compiler.misc.static.bound.mref",
"\u9759\u6001\u9650\u5236\u8303\u56F4\u65B9\u6CD5\u5F15\u7528" },
{ "compiler.misc.static.method.in.unbound.lookup",
"\u5728\u672A\u7ED1\u5B9A\u67E5\u627E\u4E2D\u627E\u5230\u9759\u6001{0} {1}" },
{ "compiler.misc.static.mref.with.targs",
"\u6709\u5173\u9759\u6001\u65B9\u6CD5\u5F15\u7528\u7684\u53C2\u6570\u5316\u9650\u5B9A\u7B26" },
{ "compiler.misc.token.bad-symbol", "<\u9519\u8BEF\u7B26\u53F7>" },
{ "compiler.misc.token.character", "<\u5B57\u7B26>" },
{ "compiler.misc.token.double", "<\u53CC\u7CBE\u5EA6\u578B>" },
{ "compiler.misc.token.end-of-input", "<\u8F93\u5165\u7ED3\u675F>"
},
{ "compiler.misc.token.float", "<\u6D6E\u70B9\u578B>" },
{ "compiler.misc.token.identifier", "<\u6807\u8BC6\u7B26>" },
{ "compiler.misc.token.integer", "<\u6574\u578B>" },

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        { "compiler.misc.token.string", "<\u5B57\u7B26\u4E32>" },
        { "compiler.misc.try.not.applicable.to.type", "try-with-resources
\u4E0D\u9002\u7528\u4E8E\u53D8\u91CF\u7C7B\u578B\n({0})" },
        { "compiler.misc.type.captureof", "capture#{0}, \u5171 {1}" },
        { "compiler.misc.type.captureof.1", "capture#{0}" },
        { "compiler.misc.type.none", "<\u65E0>" },
        { "compiler.misc.type.null", "<\u7A7A\u503C>" },
        { "compiler.misc.type.parameter", "\u7C7B\u578B\u53C2\u6570{0}" },
        { "compiler.misc.type.req.array.or.iterable", "\u6570\u7EC4\u6216 java.lang.Iterable" },
        { "compiler.misc.type.req.class", "\u7C7B" },

       { "compiler.misc.type.req.class.array", "\u7C7B\u6216\u6570\u7EC4" },
        { "compiler.misc.type.req.exact",
"\u4E0D\u5E26\u9650\u5236\u8303\u56F4\u7684\u7C7B\u6216\u63A5\u53E3" },
        { "compiler.misc.type.req.ref", "\u5F15\u7528" },
        { "compiler.misc.type.var", "{0}#{1}" },
        { "compiler.misc.unable.to.access.file", "\u65E0\u6CD5\u8BBF\u95EE\u6587\u4EF6: {0}" },
        { "compiler.misc.unchecked.assign", "\u672A\u7ECF\u68C0\u67E5\u7684\u8F6C\u6362" },
        { "compiler.misc.unchecked.cast.to.type", "\u672A\u7ECF\u68C0\u67E5\u7684\u8F6C\u6362" },
        { "compiler.misc.unchecked.clash.with", "{1}\u4E2D\u7684{0}\u8986\u76D6\u4E86{3}\u4E2D\u7684{2}"
},
        { "compiler.misc.unchecked.implement",
"{1}\u4E2D\u7684{0}\u5B9E\u73B0\u4E86{3}\u4E2D\u7684{2}" },
        { "compiler.misc.unchecked.override", "{1}\u4E2D\u7684{0}\u8986\u76D6\u4E86{3}\u4E2D\u7684{2}" },
        { "compiler.misc.undecl.type.var", "\u672A\u58F0\u660E\u7684\u7C7B\u578B\u53D8\u91CF:
 {0}" },
        { "compiler.misc.unexpected.ret.val", "\u610F\u5916\u7684\u8FD4\u56DE\u503C" },
        { "compiler.misc.unicode.str.not.supported", "\u4E0D\u652F\u6301\u7C7B\u6587\u4EF6\u4E2D\u7684
Unicode \u5B57\u7B26\u4E32" },
        { "compiler.misc.unnamed.package", "\u672A\u547D\u540D\u7A0B\u5E8F\u5305" },
        { "compiler.misc.varargs.argument.mismatch", "varargs \u4E0D\u5339\u914D; {0}" },
        { "compiler.misc.varargs.clash.with", "{1}\u4E2D\u7684{0}\u8986\u76D6\u4E86{3}\u4E2D\u7684{2}" },
        { "compiler.misc.varargs.implement", "{1}\u4E2D\u7684{0}\u5B9E\u73B0\u4E86{3}\u4E2D\u7684{2}" },
        { "compiler.misc.varargs.override", "{1}\u4E2D\u7684{0}\u8986\u76D6\u4E86{3}\u4E2D\u7684{2}" },
        { "compiler.misc.varargs.trustme.on.non.varargs.meth", "\u65B9\u6CD5 {0} \u4E0D\u662F varargs
\u65B9\u6CD5\u3002" },
        { "compiler.misc.varargs.trustme.on.reifiable.varargs", "Varargs
\u5143\u7D20\u7C7B\u578B{0}\u53EF\u5177\u4F53\u5316\u3002"
 },
        { "compiler.misc.varargs.trustme.on.virtual.varargs", "\u5B9E\u4F8B\u65B9\u6CD5 {0}
\u4E0D\u662F\u6700\u7EC8\u7684\u3002" },
        { "compiler.misc.verbose.checking.attribution", "[\u6B63\u5728\u68C0\u67E5{0}]" },
        { "compiler.misc.verbose.classpath", "[\u7C7B\u6587\u4EF6\u7684\u641C\u7D22\u8DEF\u5F84: {0}]" },
        { "compiler.misc.verbose.loading", "[\u6B63\u5728\u52A0\u8F7D{0}]" },
        { "compiler.misc.verbose.parsing.done", "[\u89E3\u6790\u5DF2\u5B8C\u6210, \u7528\u65F6 {0}
\u6BEB\u79D2]" },
        { "compiler.misc.verbose.parsing.started", "[\u89E3\u6790\u5F00\u59CB\u65F6\u95F4 {0}]" },
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{ "compiler.misc.verbose.retro", "[\u6B63\u5728\u66F4\u65B0{0}]" },
{ "compiler.misc.verbose.retro.with", "\t\u6B63\u5728\u4F7F\u7528{1}\u66F4\u65B0{0}" },
{ "compiler.misc.verbose.retro.with.list", "\t\u6B63\u5728\u4F7F\u7528\u7C7B\u578B\u53C2\u6570{1}, \u8D85\u7C7B\u578B{2}\u548C\u63A5\u53E3{3}\u66F4\u65B0{0}"
},
{ "compiler.misc.verbose.sourcepath", "[\u6E90\u6587\u4EF6\u7684\u641C\u7D22\u8DEF\u5F84: {0}]" },
{ "compiler.misc.verbose.total", "[\u5171 {0} \u6BEB\u79D2]" },
{ "compiler.misc.verbose.wrote.file", "[\u5DF2\u5199\u5165{0}]" },
{ "compiler.misc.version.not.available", "(\u7248\u672C\u4FE1\u606F\u4E0D\u53EF\u7528)" },
{ "compiler.misc.where.captured", "{0}\u4ECE{3}\u7684\u6355\u83B7\u6269\u5C55{1} \u8D85 {2}" },
{ "compiler.misc.where.captured.1", "{0}\u4ECE{3}\u7684\u6355\u83B7\u6269\u5C55{1}" },
{ "compiler.misc.where.description.captured", "\u5176\u4E2D, {0}\u662F\u65B0\u7C7B\u578B\u53D8\u91CF:" },
{ "compiler.misc.where.description.captured.1", "\u5176\u4E2D, {0}\u662F\u65B0\u7C7B\u578B\u53D8\u91CF:" },
{ "compiler.misc.where.description.intersection", "\u5176\u4E2D, {0}\u662F\u4EA4\u53C9\u7C7B\u578B:" },
{
"compiler.misc.where.description.intersection.1", "\u5176\u4E2D, {0}\u662F\u4EA4\u53C9\u7C7B\u578B:" },
{ "compiler.misc.where.description.typevar", "\u5176\u4E2D, {0}\u662F\u7C7B\u578B\u53D8\u91CF:" },
{ "compiler.misc.where.description.typevar.1", "\u5176\u4E2D, {0}\u662F\u7C7B\u578B\u53D8\u91CF:" },
{ "compiler.misc.where.fresh.typevar", "{0}\u6269\u5C55{1}" },
{ "compiler.misc.where.intersection", "{0}\u6269\u5C55{1}" },
{ "compiler.misc.where.typevar", "{0}\u6269\u5C55\u5DF2\u5728{2} {3}\u4E2D\u58F0\u660E\u7684{1}" },
{ "compiler.misc.where.typevar.1", "{0}\u5DF2\u5728{2} {3}\u4E2D\u58F0\u660E" },
{ "compiler.misc.wrong.version", "\u7C7B\u6587\u4EF6\u5177\u6709\u9519\u8BEF\u7684\u7248\u672C {0}.{1}, \u5E94\u4E3A {2}.{3}" },
{ "compiler.misc.x.print.processor.info", "\u5904\u7406\u7A0B\u5E8F{0}\u4E0E{1}\u5339\u914D\u5E76\u8FD4\u56DE{2}\u3002" },
{ "compiler.misc.x.print.rounds",
"\u5FAA\u73AF {0}:\n\t\u8F93\u5165\u6587\u4EF6: {1}\n\t\u6CE8\u91CA: {2}\n\t\u6700\u540E\u4E00\u4E2A\u5FAA\u73AF: {3}" },
{ "compiler.note.compressed.diags", "\u67D0\u4E9B\u6D88\u606F\u5DF2\u7ECF\u8FC7\u7B80\u5316; \u8BF7\u4F7F\u7528 -Xdiags:verbose \u91CD\u65B0\u7F16\u8BD1\u4EE5\u83B7\u5F97\u5B8C\u6574\u8F93\u51FA" },
{ "compiler.note.deferred.method.inst", "\u65B9\u6CD5 {0} \u7684\u5EF6\u8FDF\u5B9E\u4F8B\u5316\n\u5B9E\u4F8B\u5316\u7B7E\u540D: {1}\n\u76EE\u6807\u7C7B\u578B: {2}" },
{ "compiler.note.deprecated.filename", "{0}\u4F7F\u7528\u6216\u8986\u76D6\u4E86\u5DF2\u8FC7\u65F6\u7684 API\u3002" },
{ "compiler.note.deprecated.filename.additional", "{0}\u8FD8\u4F7F\u7528\u6216\u8986\u76D6\u4E86\u5DF2\u8FC7\u65F6\u7684 API\u3002" },
{ "compiler.note.deprecated.plural", "\u67D0\u4E9B\u8F93\u5165\u6587\u4EF6\u4F7F\u7528\u6216\u8986\u76D6\u4E86\u5DF2\u8FC7\u65F6\u7684 API\u3002" },
{ "compiler.note.deprecated.plural.additional",

"\u67D0\u4E9B\u8F93\u5165\u6587\u4EF6\u8FD8\u4F7F\u7528\u6216\u8986\u76D6\u4E86\u5DF2\u8FC7\u65F6\u7684 API\u3002" },
{ "compiler.note.deprecated.recompile", "\u6709\u5173\u8BE6\u7EC6\u4FE1\u606F, \u8BF7\u4F7F\u7528 -Xlint:deprecation \u91CD\u65B0\u7F16\u8BD1\u3002" },
{ "compiler.note.lambda.stat", "\u8F6C\u6362 lambda \u8868\u8FBE\u5F0F\n\u66FF\u4EE3 metafactory = {0}\n\u5408\u6210\u65B9\u6CD5 = {1}" },
{ "compiler.note.mref.stat", "\u8F6C\u6362\u65B9\u6CD5\u5F15\u7528\n\u66FF\u4EE3 metafactory = {0}\n" },
{ "compiler.note.mref.stat.1", "\u8F6C\u6362\u65B9\u6CD5\u5F15\u7528\n\u66FF\u4EE3 metafactory = {0}\nbridge \u65B9\u6CD5 = {1}" },
{ "compiler.note.note", "\u6CE8: " },
{ "compiler.note.potential.lambda.found", "\u53EF\u5C06\u6B64\u533F\u540D\u5185\u90E8\u7C7B\u521B\u5EFA\u8F6C\u6362\u4E3A lambda \u8868\u8FBE\u5F0F\u3002" },
{ "compiler.note.proc.messager", "{0}" },
{ "compiler.note.sunapi.filename", "{0}\u4F7F\u7528\u4E86\u53EF\u80FD\u4F1A\u5728\u672A\u6765\u53D1\u884C\u7248\u4E2D\u5220\u9664\u7684\u5185\u90E8\u4E13\u7528 API\u3002" },
{ "compiler.note.sunapi.filename.additional", "{0}\u4F7F\u7528\u4E86\u53EF\u80FD\u4F1A\u5728\u672A\u6765\u53D1\u884C\u7248\u4E2D\u5220\u9664\u7684\u5176\u4ED6\u5185\u90E8\u4E13\u7528 API\u3002" },
{ "compiler.note.sunapi.plural", "\u67D0\u4E9B\u8F93\u5165\u6587\u4EF6\u4F7F\u7528\u4E86\u53EF\u80FD\u4F1A\u5728\u672A\u6765\u53D1\u884C\u7248\u4E2D\u5220\u9664\u7684\u5185\u90E8\u4E13\u7528 API\u3002" },
{ "compiler.note.sunapi.plural.additional", "\u67D0\u4E9B\u8F93\u5165\u6587\u4EF6\u4F7F\u7528\u4E86\u53EF\u80FD\u4F1A\u5728\u672A\u6765\u53D1\u884C\u7248\u4E2D\u5220\u9664\u7684\u5176\u4ED6\u5185\u90E8\u4E13\u7528 API\u3002" },
{ "compiler.note.sunapi.recompile", "\u6709\u5173\u8BE6\u7EC6\u4FE1\u606F, \u8BF7\u4F7F\u7528 -Xlint:sunapi \u91CD\u65B0\u7F16\u8BD1\u3002" },

{ "compiler.note.unchecked.filename", "{0}\u4F7F\u7528\u4E86\u672A\u7ECF\u68C0\u67E5\u6216\u4E0D\u5B89\u5168\u7684\u64CD\u4F5C\u3002" },
{ "compiler.note.unchecked.filename.additional", "{0}\u8FD8\u6709\u672A\u7ECF\u68C0\u67E5\u6216\u4E0D\u5B89\u5168\u7684\u64CD\u4F5C\u3002" },
{ "compiler.note.unchecked.plural", "\u67D0\u4E9B\u8F93\u5165\u6587\u4EF6\u4F7F\u7528\u4E86\u672A\u7ECF\u68C0\u67E5\u6216\u4E0D\u5B89\u5168\u7684\u64CD\u4F5C\u3002" },
{ "compiler.note.unchecked.plural.additional", "\u67D0\u4E9B\u8F93\u5165\u6587\u4EF6\u8FD8\u4F7F\u7528\u4E86\u672A\u7ECF\u68C0\u67E5\u6216\u4E0D\u5B89\u5168\u7684\u64CD\u4F5C\u3002" },
{ "compiler.note.unchecked.recompile", "\u6709\u5173\u8BE6\u7EC6\u4FE1\u606F, \u8BF7\u4F7F\u7528 -Xlint:unchecked \u91CD\u65B0\u7F16\u8BD1\u3002" },
{ "compiler.note.verbose.resolve.multi", "\u5C06\u7C7B\u578B {1} \u7684\u65B9\u6CD5 {0} \u89E3\u6790\u4E3A\u5019\u9009\u9879 {2}\n\u9636\u6BB5: {3}\n\u5177\u6709\u5B9E\u9645\u503C: {4}\n\u5177\u6709\u7C7B\u578B\u53C2\u6570: {5}\n\u5019\u9009\u9879:" },
{ "compiler.note.verbose.resolve.multi.1", "\u7C7B\u578B {1} \u7684\u65B9\u6CD5 {0} \u89E3\u6790\u9519\u8BEF\n\u9636\u6BB5: {3}\n\u5177\u6709\u5B9E\u9645\u503C:

{4}\n\u5177\u6709\u7C7B\u578B\u53C2\u6570: {5}\n\u5019\u9009\u9879:" },
{ "compiler.warn.access.to.sensitive.member.from.serializable.element",
"\u53EF\u4E32\u884C\u5316\u5143\u7D20\u5BF9\u654F\u611F\u6210\u5458 {0}
\u7684\u8BBF\u95EE\u53EF\u4EE5\u7531\u4E0D\u53D7\u4FE1\u4EFB\u7684\u4EE3\u7801\u516C\u5F00\u626
7\u884C" },
{ "compiler.warn.annotation.method.not.found", "\u65E0\u6CD5\u627E\u5230\u7C7B\u578B "{0}"
\u7684\u6CE8\u91CA\u65B9\u6CD5 "{1}()"" },
{ "compiler.warn.annotation.method.not.found.reason", "\u65E0\u6CD5\u627E\u5230\u7C7B\u578B "{0}"
\u7684\u6CE8\u91CA\u65B9\u6CD5 "{1}()": {2}" },
{ "compiler.warn.assert.as.identifier", "\u4ECE\u53D1\u884C\u7248 1.4 \u5F00\u59CB,
"assert" \u662F\u4E00\u4E2A\u5173\u952E\u5B57,
\u4F46\u4E0D\u80FD\u7528\u4F5C\u6807\u8BC6\u7B26\n(\u8BF7\u4F7F\u7528 -source 1.4
\u6216\u66F4\u9AD8\u7248\u672C\u4EE5\u5C06 "assert" \u7528\u4F5C\u5173\u952E\u5B57)" },
{ "compiler.warn.auxiliary.class.accessed.from.outside.of.its.source.file", "{1}
\u4E2D\u7684\u8F85\u52A9\u7C7B{0}\u4E0D\u5E94\u4ECE\u5176\u81EA\u8EAB\u7684\u6E90\u6587\u4EF6\u
4EE5\u5916\u8BBF\u95EE" },
{ "compiler.warn.big.major.version", "{0}: \u4E3B\u7248\u672C {1} \u6BD4 {2} \u65B0,
\u6B64\u7F16\u8BD1\u5668\u652F\u6301\u6700\u65B0\u7684\u4E3B\u7248\u672C\u3002\n\u5EFA\u8BAE\u53
47\u7EA7\u6B64\u7F16\u8BD1\u5668\u3002" },
{ "compiler.warn.constant.SVUID", "serialVersionUID
\u5728\u7C7B{0}\u4E2D\u5FC5\u987B\u662F\u5E38\u91CF" },
{ "compiler.warn.diamond.redundant.args",
"\u65B0\u8868\u8FBE\u5F0F\u4E2D\u5B58\u5728\u5197\u4F59\u7C7B\u578B\u53C2\u6570 (\u6539\u7528
diamond \u8FD0\u7B97\u7B26)\u3002" },

{ "compiler.warn.diamond.redundant.args.1",
"\u65B0\u8868\u8FBE\u5F0F\u4E2D\u5B58\u5728\u5197\u4F59\u7C7B\u578B\u53C2\u6570 (\u6539\u7528
diamond \u8FD0\u7B97\u7B26)\u3002\n\u663E\u5F0F: {0}\n\u63A8\u65AD: {1}" },
{ "compiler.warn.dir.path.element.not.found", "\u9519\u8BEF\u7684\u8DEF\u5F84\u5143\u7D20 \"{0}\":
\u6CA1\u6709\u8FD9\u79CD\u76EE\u5F55" },
{ "compiler.warn.div.zero", "\u9664\u6570\u4E3A\u96F6" },
{ "compiler.warn.empty.if", "if \u4E4B\u540E\u6CA1\u6709\u8BED\u53E5" },
{ "compiler.warn.enum.as.identifier", "\u4ECE\u53D1\u884C\u7248 5 \u5F00\u59CB, "enum"
\u4E3A\u5173\u952E\u5B57, \u800C\u4E0D\u7528\u4F5C\u6807\u8BC6\u7B26\n(\u8BF7\u4F7F\u7528 -source 5
\u6216\u66F4\u9AD8\u7248\u672C\u4EE5\u5C06 "enum" \u7528\u4F5C\u5173\u952E\u5B57)" },
{ "compiler.warn.finally.cannot.complete", "finally
\u5B50\u53E5\u65E0\u6CD5\u6B63\u5E38\u5B8C\u6210" },
{ "compiler.warn.forward.ref", "\u5148\u5F15\u7528\u53D8\u91CF
"{0}", \u7136\u540E\u518D\u5BF9\u5176\u521D\u59CB\u5316" },
{ "compiler.warn.future.attr", "{1}.{2} \u7248\u7C7B\u6587\u4EF6\u4E2D\u5F15\u5165\u7684 {0}
\u5C5E\u6027\u5728 {3}.{4} \u7248\u7C7B\u6587\u4EF6\u4E2D\u88AB\u5FFD\u7565" },
{ "compiler.warn.has.been.deprecated", "{1}\u4E2D\u7684{0}\u5DF2\u8FC7\u65F6" },
{ "compiler.warn.illegal.char.for.encoding",
"\u7F16\u7801{0}\u7684\u4E0D\u53EF\u6620\u5C04\u5B57\u7B26" },
{ "compiler.warn.improper.SVUID", "\u5FC5\u987B\u5728\u7C7B{0}\u4E2D\u5C06 serialVersionUID
\u58F0\u660E\u4E3A static final" },
{ "compiler.warn.inexact.non-varargs.call",
"\u6700\u540E\u4E00\u4E2A\u53C2\u6570\u4F7F\u7528\u4E86\u4E0D\u51C6\u786E\u7684\u53D8\u91CF\u7C7

B\u578B\u7684 varargs \u65B9\u6CD5\u7684\u975E varargs \u8C03\u7528; \n\u5BF9\u4E8E varargs \u8C03\u7528, \u5E94\u4F7F\u7528 {0}\n\u5BF9\u4E8E\u975E varargs \u8C03\u7528, \u5E94\u4F7F\u7528 {1}, \u8FD9\u6837\u4E5F\u53EF\u4EE5\u6291\u5236\u6B64\u8B66\u544A"
 },
 { "compiler.warn.invalid.archive.file", "\u4EE5\u4E0B\u8DEF\u5F84\u4E2D\u5B58\u5728\u610F\u5916\u7684\u6587\u4EF6: {0}" },
 { "compiler.warn.lintOption", "[{0}] " },
 { "compiler.warn.long.SVUID", "serialVersionUID \u5728\u7C7B{0}\u4E2D\u5FC5\u987B\u662F long \u7C7B\u578B" },
 { "compiler.warn.missing.SVUID", "\u53EF\u5E8F\u5217\u5316\u7C7B{0}\u6CA1\u6709 serialVersionUID \u7684\u5B9A\u4E49" },
 { "compiler.warn.missing.deprecated.annotation", "\u672A\u4F7F\u7528 @Deprecated \u5BF9\u5DF2\u8FC7\u65F6\u7684\u9879\u76EE\u8FDB\u884C\u6CE8\u91CA" },
 { "compiler.warn.option.obsolete.source", "\u6E90\u503C{0}\u5DF2\u8FC7\u65F6, \u5C06\u5728\u672A\u6765\u6240\u6709\u53D1\u884C\u7248\u4E2D\u5220\u9664" },
 { "compiler.warn.option.obsolete.suppression", "\u8981\u9690\u85CF\u6709\u5173\u5DF2\u8FC7\u65F6\u9009\u9879\u7684\u8B66\u544A, \u8BF7\u4F7F\u7528 -Xlint:-options\u3002" },
 { "compiler.warn.option.obsolete.target", "\u76EE\u6807\u503C{0}\u5DF2\u8FC7\u65F6, \u5C06\u5728\u672A\u6765\u6240\u6709\u53D1\u884C\u7248\u4E2D\u5220\u9664" },
 { "compiler.warn.override.bridge", "{0}; \u88AB\u8986\u76D6\u7684\u65B9\u6CD5\u4E3A bridge \u65B9\u6CD5" },
 { "compiler.warn.override.equals.but.not.hashcode", "\u7C7B{0}\u8986\u76D6\u4E86 equals, \u4F46\u8BE5\u7C7B\u6216\u4EFB\u4F55\u8D85\u7C7B\u90FD\u672A\u8986\u76D6 hashCode \u65B9\u6CD5" },
 { "compiler.warn.override.unchecked.ret", "{0}\n\u8FD4\u56DE\u7C7B\u578B\u9700\u8981\u4ECE{1}\u5230{2}\u7684\u672A\u7ECF\u68C0\u67E5\u7684\u8F6C\u6362" },
 { "compiler.warn.override.unchecked.thrown", "{0}\n\u88AB\u8986\u76D6\u7684\u65B9\u6CD5\u672A\u629B\u51FA{1}" },
 { "compiler.warn.override.varargs.extra", "{0}; \u8986\u76D6\u7684\u65B9\u6CD5\u7F3A\u5C11 "..."" },
 { "compiler.warn.override.varargs.missing", "{0}; \u88AB\u8986\u76D6\u7684\u65B9\u6CD5\u6CA1\u6709 "..."" },

 { "compiler.warn.path.element.not.found", "\u9519\u8BEF\u7684\u8DEF\u5F84\u5143\u7D20 \"{0}\": \u6CA1\u6709\u8FD9\u79CD\u6587\u4EF6\u6216\u76EE\u5F55" },
 { "compiler.warn.pkg-info.already.seen", "\u5DF2\u627E\u5230\u7A0B\u5E8F\u5305{0}\u7684 package-info.java \u6587\u4EF6" },
 { "compiler.warn.position.overflow", "\u884C {0} \u5904\u7684\u4F4D\u7F6E\u7F16\u7801\u6EA2\u51FA" },
 { "compiler.warn.possible.fall-through.into.case", "\u53EF\u80FD\u65E0\u6CD5\u5B9E\u73B0 case" },
 { "compiler.warn.potentially.ambiguous.overload", "{1} \u4E2D\u7684 {0} \u53EF\u80FD\u4E0E {3} \u4E2D\u7684 {2} \u6DF7\u6DC6" },
 { "compiler.warn.prob.found.req", "{0}\n\u9700\u8981: {2}\n\u627E\u5230:   {1}" },
 { "compiler.warn.proc.annotations.without.processors", "\u6CA1\u6709\u5904\u7406\u7A0B\u5E8F\u8981\u4F7F\u7528\u4EE5\u4E0B\u4EFB\u4F55\u6CE8\u91CA: {0}" },

{ "compiler.warn.proc.file.create.last.round",
"\u5C06\u4E0D\u5BF9\u5728\u6700\u540E\u4E00\u4E2A\u5FAA\u73AF\u4E2D\u521B\u5EFA\u7684\u7C7B\u578B\u4E3A
"{0}" \u7684\u6587\u4EF6\u8FDB\u884C\u6CE8\u91CA\u5904\u7406\u3002" },
{ "compiler.warn.proc.file.reopening", "\u5C1D\u8BD5\u591A\u6B21\u4E3A "{0}"
\u521B\u5EFA\u6587\u4EF6" },
{ "compiler.warn.proc.illegal.file.name",
"\u65E0\u6CD5\u521B\u5EFA\u5E26\u6709\u975E\u6CD5\u540D\u79F0 "{0}" \u7684\u6587\u4EF6\u3002" },
{ "compiler.warn.proc.malformed.supported.string", "\u5904\u7406\u7A0B\u5E8F "{1}"
\u4E3A\u652F\u6301\u7684\u6CE8\u91CA\u7C7B\u578B\u8FD4\u56DE\u683C\u5F0F\u9519\u8BEF\u7684\u5B
57\u7B26\u4E32 "{0}"" },
{ "compiler.warn.proc.messager", "{0}" },
{ "compiler.warn.proc.package.does.not.exist", "\u7A0B\u5E8F\u5305{0}\u4E0D\u5B58\u5728" },
{ "compiler.warn.proc.proc-only.requested.no.procs",
"\u5728\u672A\u8BF7\u6C42\u7F16\u8BD1\u7684\u60C5\u51B5\u4E0B\u8FDB\u884C\u6CE8\u91CA\u5904\u7
406, \u4F46\u627E\u4E0D\u5230\u5904\u7406\u7A0B\u5E8F\u3002"
},
{ "compiler.warn.proc.processor.incompatible.source.version",
"\u6765\u81EA\u6CE8\u91CA\u5904\u7406\u7A0B\u5E8F "{1}" \u7684\u53D7\u652F\u6301 source
\u7248\u672C "{0}" \u4F4E\u4E8E -source "{2}"" },
{ "compiler.warn.proc.suspicious.class.name",
"\u6B63\u5728\u4E3A\u540D\u79F0\u4EE5{1}\u7ED3\u5C3E\u7684\u7C7B\u578B\u521B\u5EFA\u6587\u4EF6:
"{0}"" },
{ "compiler.warn.proc.type.already.exists", "\u7C7B\u578B "{0}"
\u7684\u6587\u4EF6\u5DF2\u7ECF\u5B58\u5728\u4E8E\u6E90\u8DEF\u5F84\u6216\u7C7B\u8DEF\u5F84\u4E2
D" },
{ "compiler.warn.proc.type.recreate", "\u5C1D\u8BD5\u591A\u6B21\u521B\u5EFA\u7C7B\u578B "{0}"
\u7684\u6587\u4EF6" },
{ "compiler.warn.proc.unclosed.type.files", "\u7C7B\u578B "{0}"
\u7684\u6587\u4EF6\u672A\u5173\u95ED;
\u5C06\u4E0D\u9488\u5BF9\u8FD9\u4E9B\u7C7B\u578B\u8FDB\u884C\u6CE8\u91CA\u5904\u7406" },
{ "compiler.warn.proc.unmatched.processor.options",
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"{0}"" },
{ "compiler.warn.proc.use.implicit",
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2\n\u4F7F\u7528 -implicit \u6307\u5B9A\u7528\u4E8E\u9690\u5F0F\u7F16\u8BD1\u7684\u7B56\u7565\u3002"
},
{ "compiler.warn.proc.use.proc.or.implicit",
"\u6CE8\u91CA\u5904\u7406\u4E0D\u9002\u7528\u4E8E\u9690\u5F0F\u7F16\u8BD1\u7684\u6587\u4EF6\u3002
2\n\u4F7F\u7528 -proc:none \u7981\u7528\u6CE8\u91CA\u5904\u7406\u6216\u4F7F\u7528 -implicit
\u6307\u5B9A\u7528\u4E8E\u9690\u5F0F\u7F16\u8BD1\u7684\u7B56\u7565\u3002" },
{ "compiler.warn.raw.class.use", "\u627E\u5230\u539F\u59CB\u7C7B\u578B:
{0}\n\u7F3A\u5C11\u6CDB\u578B\u7C7B{1}\u7684\u7C7B\u578B\u53C2\u6570" },
{ "compiler.warn.redundant.cast", "\u51FA\u73B0\u5197\u4F59\u7684\u5230{0}\u7684\u8F6C\u6362" },
{ "compiler.warn.self.ref", "\u53D8\u91CF "{0}"
\u7684\u521D\u59CB\u5316\u7A0B\u5E8F\u4E2D\u5B58\u5728\u81EA\u5F15\u7528"

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 },
        { "compiler.warn.source.no.bootclasspath", "\u672A\u4E0E -source {0}
\u4E00\u8D77\u8BBE\u7F6E\u5F15\u5BFC\u7C7B\u8DEF\u5F84" },
        { "compiler.warn.static.not.qualified.by.type", "static
{0}\u5E94\u7531\u7C7B\u578B\u540D\u79F0{1}\u800C\u4E0D\u662F\u8868\u8FBE\u5F0F\u9650\u5B9A" },
        { "compiler.warn.sun.proprietary", "{0}\u662F\u5185\u90E8\u4E13\u7528 API,
\u53EF\u80FD\u4F1A\u5728\u672A\u6765\u53D1\u884C\u7248\u4E2D\u5220\u9664" },
        { "compiler.warn.synthetic.name.conflict", "\u7B26\u53F7{0}\u4E0E{1}\u4E2D\u7684 compiler-
synthesized \u7B26\u53F7\u51B2\u7A81" },
        { "compiler.warn.try.explicit.close.call",
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        { "compiler.warn.try.resource.not.referenced", "\u4E0D\u80FD\u5728\u76F8\u5E94\u7684 try
\u8BED\u53E5\u7684\u6B63\u6587\u4E2D\u5F15\u7528\u53EF\u81EA\u52A8\u7ED3\u675F\u7684\u8D44\u6E9
0{0}"
 },
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"\u53EF\u81EA\u52A8\u5173\u95ED\u7684\u8D44\u6E90{0}\u5305\u542B\u7684\u6210\u5458\u65B9\u6CD5
close() \u53EF\u80FD\u629B\u51FA InterruptedException" },
        { "compiler.warn.unchecked.assign", "\u672A\u7ECF\u68C0\u67E5\u7684\u5206\u914D:
\u5C06{0}\u5206\u914D\u7ED9{1}" },
        { "compiler.warn.unchecked.assign.to.var",
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6\u914D\u672A\u7ECF\u8FC7\u68C0\u67E5" },
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A\u7ECF\u8FC7\u68C0\u67E5" },
        { "compiler.warn.unchecked.cast.to.type",
"\u5411\u7C7B\u578B{0}\u7684\u8F6C\u6362\u672A\u7ECF\u8FC7\u68C0\u67E5" },
        { "compiler.warn.unchecked.generic.array.creation", "\u5BF9\u4E8E\u7C7B\u578B\u4E3A{0}\u7684
 varargs \u53C2\u6570, \u6CDB\u578B\u6570\u7EC4\u521B\u5EFA\u672A\u7ECF\u8FC7\u68C0\u67E5" },
        { "compiler.warn.unchecked.meth.invocation.applied",
"\u65B9\u6CD5\u8C03\u7528\u672A\u7ECF\u8FC7\u68C0\u67E5: \u5C06{4} {5}\u4E2D\u7684{0}
{1}\u5E94\u7528\u5230\u7ED9\u5B9A\u7684\u7C7B\u578B\n\u9700\u8981: {2}\n\u627E\u5230: {3}" },
        { "compiler.warn.unchecked.varargs.non.reifiable.type", "\u53C2\u6570\u5316 vararg
\u7C7B\u578B{0}\u7684\u5806\u53EF\u80FD\u5DF2\u53D7\u6C61\u67D3" },
        { "compiler.warn.underscore.as.identifier", ""_" \u7528\u4F5C\u6807\u8BC6\u7B26\n(Java SE 8
\u4E4B\u540E\u7684\u53D1\u884C\u7248\u4E2D\u53EF\u80FD\u4E0D\u652F\u6301\u4F7F\u7528 "_"
\u4F5C\u4E3A\u6807\u8BC6\u7B26)" },
        { "compiler.warn.unexpected.archive.file",
"\u4EE5\u4E0B\u6863\u6848\u6587\u4EF6\u5B58\u5728\u610F\u5916\u7684\u6269\u5C55\u540D: {0}" },
        { "compiler.warn.unknown.enum.constant", "\u672A\u77E5\u7684\u679A\u4E3E\u5E38\u91CF {1}.{2}" },

        { "compiler.warn.unknown.enum.constant.reason", "\u672A\u77E5\u7684\u679A\u4E3E\u5E38\u91CF
{1}.{2}\n\u539F\u56E0: {3}" },
        { "compiler.warn.unreachable.catch", "catch
\u5B50\u53E5\u65E0\u6CD5\u8BBF\u95EE\n\u5DF2\u6355\u83B7\u5230\u629B\u51FA\u7684\u7C7B\u578B{0}
" },
        { "compiler.warn.unreachable.catch.1", "catch
```

```
\u5B50\u53E5\u65E0\u6CD5\u8BBF\u95EE\n\u5DF2\u6355\u83B7\u5230\u629B\u51FA\u7684\u7C7B\u578B{0}
" },
        { "compiler.warn.varargs.redundant.trustme.anno", "\u5197\u4F59\u7684 {0} \u6CE8\u91CA\u3002{1}" },
        { "compiler.warn.varargs.unsafe.use.varargs.param", "Varargs
\u65B9\u6CD5\u53EF\u80FD\u5BFC\u81F4\u6765\u81EA\u4E0D\u53EF\u5177\u4F53\u5316 varargs
\u53C2\u6570 {0} \u7684\u5806\u6C61\u67D3" },
        { "compiler.warn.warning", "\u8B66\u544A: " },
      };
   }
}
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/resources/compiler_zh_CN.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/swing/plaf/gtk/GTKConstants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/synth/ColorType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/DisposerRecord.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/DefaultDisposerRecord.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/net/InetAddressImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/motif/X11Johab.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jndi/ldap/LdapClientFactory.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/activation/SecuritySupport.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/lang/EnumConstantNotPresentException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/reflect/annotation/AnnotationTypeMismatchExceptionProxy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/jvmstat/monitor/MonitoredVmUtil.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/FastCharsetProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/reflect/annotation/TypeNotPresentExceptionProxy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/tools/PathList.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/reflect/annotation/EnumConstantNotPresentExceptionProxy.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/ConditionLock.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/Lock.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/Enumeration.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/JavaxSecurityAuthKerberosAccess.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/security/auth/kerberos/JavaxSecurityAuthKerberosAccessImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/io/ValueUtility.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/javax/rmi/CORBA/StubDelegateImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/rmic/Util.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/javax/rmi/CORBA/Util.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/en/TimeZoneNames_en_GB.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/en/TimeZoneNames_en_CA.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/corba/ServerRequestImpl.java
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zip/jdk/internal/org/objectweb/asm/util/ASMifiable.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/shi/FormatData_shi_Tfng.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/ml/CalendarData_ml_IN.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/st/CalendarData_st_ZA.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/kok/CalendarData_kok_IN.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/pl/FormatData_pl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/af/CurrencyNames_af_NA.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/es/FormatData_es_VE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/ru/LocaleNames_ru.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/shi/LocaleNames_shi_Tfng.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/af/CalendarData_af_ZA.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/kea/LocaleNames_kea.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/mer/FormatData_mer.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/vai/CurrencyNames_vai.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/brx/CurrencyNames_brx.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/fil/CalendarData_fil_PH.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/tg/LocaleNames_tg.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/pt/CurrencyNames_pt_ST.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/fr/CalendarData_fr_MF.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/pt/FormatData_pt.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/vai/LocaleNames_vai.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/bez/CalendarData_bez_TZ.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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*
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/to/CalendarData_to_TO.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/mua/CalendarData_mua_CM.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/dyo/CurrencyNames_dyo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/luo/FormatData_luo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/el/CurrencyNames_el.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/xh/FormatData_xh.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/sr/LocaleNames_sr.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/en/FormatData_en_BW.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/en/CalendarData_en_US.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/mg/LocaleNames_mg.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/sr/CalendarData_sr_Cyrl_RS.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/zh/CalendarData_zh_Hant_HK.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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*
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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*
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/de/LocaleNames_de_CH.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/se/CurrencyNames_se.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/af/FormatData_af.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/en/FormatData_en_US_POSIX.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/bm/LocaleNames_bm.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/chr/LocaleNames_chr.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/mg/FormatData_mg.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/zu/CurrencyNames_zu.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/bn/FormatData_bn.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/gsw/CalendarData_gsw_CH.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/en/CurrencyNames_en_CA.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/fi/CalendarData_fi_FI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/ii/FormatData_ii.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/pt/CalendarData_pt_ST.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/zu/LocaleNames_zu.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/en/FormatData_en_PK.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/ssy/CurrencyNames_ssy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/pt/TimeZoneNames_pt_PT.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/ar/CalendarData_ar_AE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/sr/LocaleNames_sr_Latn.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/sr/TimeZoneNames_sr_Latn.java

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*
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/es/CurrencyNames_es_BO.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/bez/CurrencyNames_bez.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/gl/CalendarData_gl_ES.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/el/FormatData_el.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/en/CalendarData_en_US_POSIX.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/bn/FormatData_bn_IN.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/fr/TimeZoneNames_fr.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/hu/CurrencyNames_hu.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/es/FormatData_es.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/uz/CalendarData_uz_Cyrl_UZ.java
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*
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/ms/CurrencyNames_ms.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/en/CalendarData_en_NZ.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/wae/LocaleNames_wae.java
*

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/bm/CalendarData_bm_ML.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/ksb/LocaleNames_ksb.java
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/sn/CalendarData_sn_ZW.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/sw/CalendarData_sw_TZ.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/te/FormatData_te.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/nd/CurrencyNames_nd.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/br/CurrencyNames_br.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/et/LocaleNames_et.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/nl/FormatData_nl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/tr/CurrencyNames_tr.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/ca/FormatData_ca.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/zh/CurrencyNames_zh_Hans_MO.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/en/TimeZoneNames_en_NZ.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/so/CalendarData_so_KE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/haw/FormatData_haw.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/et/FormatData_et.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/sr/CalendarData_sr_Latn_ME.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/it/CalendarData_it_CH.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/shi/CalendarData_shi_Latn_MA.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/teo/CalendarData_teo_KE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/nb/CurrencyNames_nb.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/sah/LocaleNames_sah.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/ja/LocaleNames_ja.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/pt/TimeZoneNames_pt.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/es/CurrencyNames_es_NI.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/uz/CalendarData_uz_Arab_AF.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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*
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/fa/LocaleNames_fa_AF.java
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*
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/en/FormatData_en_Dsrt.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/nyn/FormatData_nyn.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/eu/TimeZoneNames_eu.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/zh/TimeZoneNames_zh_Hant.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/bo/CalendarData_bo_IN.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/rwk/CurrencyNames_rwk.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/he/FormatData_he.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/es/FormatData_es_CL.java

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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*
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/so/CurrencyNames_so_DJ.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/uk/TimeZoneNames_uk.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/uz/LocaleNames_uz_Arab.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/asa/CalendarData_asa_TZ.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/cy/FormatData_cy.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/en/CalendarData_en_HK.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/en/CalendarData_en_IE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/ksh/TimeZoneNames_ksh.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/bas/FormatData_bas.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/lag/LocaleNames_lag.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/zh/CurrencyNames_zh.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/bem/CurrencyNames_bem.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/en/CurrencyNames_en_BW.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/ne/LocaleNames_ne.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/sv/CalendarData_sv_FI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/ff/FormatData_ff.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/fr/CurrencyNames_fr_BI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/dz/CurrencyNames_dz.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/bo/LocaleNames_bo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/lg/CalendarData_lg_UG.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/en/TimeZoneNames_en_SG.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/dz/FormatData_dz.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/dje/LocaleNames_dje.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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*

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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*
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/en/FormatData_en_HK.java
*
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/fr/CalendarData_fr_DJ.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/kab/LocaleNames_kab.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/sv/CalendarData_sv_SE.java
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*
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/ru/FormatData_ru_UA.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/ii/CurrencyNames_ii.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/eu/FormatData_eu.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/es/FormatData_es_PY.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/zh/FormatData_zh_Hant.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/kea/TimeZoneNames_kea.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/nl/CalendarData_nl_BE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/byn/FormatData_byn.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/fr/LocaleNames_fr.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/en/TimeZoneNames_en_ZW.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/mas/FormatData_mas.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/haw/LocaleNames_haw.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/es/FormatData_es_CO.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/shi/CurrencyNames_shi.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/af/LocaleNames_af.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/pa/LocaleNames_pa_Arab.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/vi/CalendarData_vi_VN.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/ps/LocaleNames_ps.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/fr/CurrencyNames_fr_DJ.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/az/LocaleNames_az_Cyrl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/ksf/FormatData_ksf.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/kl/FormatData_kl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/en/CurrencyNames_en_TT.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/ka/LocaleNames_ka.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/uz/LocaleNames_uz_Latn.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/kln/LocaleNames_kln.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/en/CalendarData_en_ZA.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/cy/CalendarData_cy_GB.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/fr/CalendarData_fr_GA.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/ig/FormatData_ig.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/ar/CalendarData_ar_OM.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/rwk/FormatData_rwk.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/th/TimeZoneNames_th.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/sr/FormatData_sr_Latn.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/sr/CurrencyNames_sr_Cyrl_BA.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/sl/CurrencyNames_sl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/ksb/FormatData_ksb.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/es/CurrencyNames_es_MX.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/seh/CurrencyNames_seh.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/ro/FormatData_ro.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/resources/cldr/de/FormatData_de.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/resources/cldr/sn/FormatData_sn.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/util/resources/cldr/nn/CurrencyNames_nn.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/util/resources/cldr/az/CurrencyNames_az_Cyrl.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/fr/FormatData_fr_LU.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/nl/CalendarData_nl_CW.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/es/CurrencyNames_es_EC.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/ewo/LocaleNames_ewo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/tzm/FormatData_tzm.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/chr/CurrencyNames_chr.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/fi/CurrencyNames_fi.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/or/TimeZoneNames_or.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/dje/CalendarData_dje_NE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/tr/TimeZoneNames_tr.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/ve/CalendarData_ve_ZA.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/pa/CalendarData_pa_Guru_IN.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/dav/CurrencyNames_dav.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/zh/LocaleNames_zh.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/khq/LocaleNames_khq.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/es/FormatData_es_PA.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/rof/FormatData_rof.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/ha/CurrencyNames_ha.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/ve/FormatData_ve.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/eo/LocaleNames_eo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/rof/LocaleNames_rof.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/en/FormatData_en_ZA.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/mt/FormatData_mt.java

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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*
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

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*
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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*
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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*
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/util/resources/cldr/ebu/CalendarData_ebu_KE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/util/resources/cldr/km/LocaleNames_km.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/se/CalendarData_se_NO.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/ia/FormatData_ia.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/so/FormatData_so.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/mg/CurrencyNames_mg.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/zh/TimeZoneNames_zh.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/bas/CalendarData_bas_CM.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/ti/CalendarData_ti_ET.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/yo/CurrencyNames_yo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/aa/FormatData_aa.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/mk/LocaleNames_mk.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/fa/CalendarData_fa_AF.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/fi/FormatData_fi.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/ne/CalendarData_ne_IN.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/nmg/CalendarData_nmg_CM.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/rwk/CalendarData_rwk_TZ.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/cldr/km/FormatData_km.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/dje/CurrencyNames_dje.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/kam/CalendarData_kam_KE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/fr/CalendarData_fr_CF.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/cldr/ha/CalendarData_ha_Latn_NE.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/HostAddresses.java
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*/
/**
* This class encapsulates the concept of caller-provided channel
* binding information. Channel bindings are used to strengthen the
* quality with which peer entity authentication is provided during
* context establishment.  They enable the GSS-API callers to bind the
* establishment of the security context to relevant characteristics
* like addresses or to application specific data.<p>
*
* The caller initiating the security context must determine the
* appropriate channel binding values to set in the GSSContext object.
* The acceptor must provide an identical binding in order to validate
* that received tokens possess correct channel-related characteristics.<p>
*
* Use of channel bindings is
 optional in GSS-API. ChannelBinding can be
* set for the {@link GSSContext GSSContext} using the {@link
* GSSContext#setChannelBinding(ChannelBinding) setChannelBinding} method
* before the first call to {@link GSSContext#initSecContext(byte[], int, int)
* initSecContext} or {@link GSSContext#acceptSecContext(byte[], int, int)
* acceptSecContext} has been performed.  Unless the <code>setChannelBinding</code>
* method has been used to set the ChannelBinding for a GSSContext object,
* <code>null</code> ChannelBinding will be assumed. <p>
*
* Conceptually, the GSS-API concatenates the initiator and acceptor
* address information, and the application supplied byte array to form an
* octet string.  The mechanism calculates a MIC over this octet string and
* binds the MIC to the context establishment token emitted by
```

```
* <code>initSecContext</code> method of the <code>GSSContext</code>
* interface.  The same bindings are set by the context acceptor for its
* <code>GSSContext</code>
 object and during processing of the
* <code>acceptSecContext</code> method a MIC is calculated in the same
* way. The calculated MIC is compared with that found in the token, and if
* the MICs differ, accept will throw a <code>GSSException</code> with the
* major code set to {@link GSSException#BAD_BINDINGS BAD_BINDINGS}, and
* the context will not be established. Some mechanisms may include the
* actual channel binding data in the token (rather than just a MIC);
* applications should therefore not use confidential data as
* channel-binding components.<p>
*
*  Individual mechanisms may impose additional constraints on addresses
*  that may appear in channel bindings.  For example, a mechanism may
*  verify that the initiator address field of the channel binding
*  contains the correct network address of the host system.  Portable
*  applications should therefore ensure that they either provide correct
*  information for the address fields, or omit setting of the addressing
 *  information.
*
* @author Mayank Upadhyay
* @since 1.4
*/
```

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/**
* Interface for a list of XML attributes.
*
* <blockquote>
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* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This interface allows access to a list of attributes in
* three different ways:</p>
*
* <ol>
* <li>by attribute index;</li>
* <li>by Namespace-qualified name; or</li>
* <li>by qualified (prefixed) name.</li>
* </ol>
*
* <p>The list will not contain attributes that were declared
* #IMPLIED but not specified in the start tag.
 It will also not
* contain attributes used as Namespace declarations (xmlns*) unless
* the <code>http://xml.org/sax/features/namespace-prefixes</code>
* feature is set to <var>true</var> (it is <var>false</var> by
* default).
* Because SAX2 conforms to the original "Namespaces in XML"
* recommendation, it normally does not
* give namespace declaration attributes a namespace URI.
* </p>
*
* <p>Some SAX2 parsers may support using an optional feature flag
* (<code>http://xml.org/sax/features/xmlns-uris</code>) to request
* that those attributes be given URIs, conforming to a later
* backwards-incompatible revision of that recommendation.  (The
* attribute's "local name" will be the prefix, or "xmlns" when
* defining a default element namespace.)  For portability, handler
* code should always resolve that conflict, rather than requiring
* parsers that can change the setting of that feature flag.  </p>
*
```

```
* <p>If the namespace-prefixes feature (see above) is
* <var>false</var>,
 access by qualified name may not be available; if
* the <code>http://xml.org/sax/features/namespaces</code> feature is
* <var>false</var>, access by Namespace-qualified names may not be
* available.</p>
*
* <p>This interface replaces the now-deprecated SAX1 {@link
* org.xml.sax.AttributeList AttributeList} interface, which does not
* contain Namespace support.  In addition to Namespace support, it
* adds the <var>getIndex</var> methods (below).</p>
*
* <p>The order of attributes in the list is unspecified, and will
* vary from implementation to implementation.</p>
*
* @since SAX 2.0
* @author David Megginson
* @see org.xml.sax.helpers.AttributesImpl
* @see org.xml.sax.ext.DeclHandler#attributeDecl
*/
```

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```
* questions.
*/
/*
   * Tests whether string s is matched by pattern p.
   * Supports "?", "*", "[", each of which may be escaped with "\";
   * character classes may use "!" for negation and "-" for range.
   * Not yet supported: internationalization; "\" inside brackets.<P>
   * Wildcard matching routine by Karl Heuer.  Public Domain.<P>
   */
```

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*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/util/locale/provider/BreakDictionary.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/util/locale/provider/NumberFormatProviderImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/bcel/internal/classfile/Signature.java
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zip/com/sun/org/apache/bcel/internal/generic/FieldOrMethod.java
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* questions.
*/
/**
    * Returns a name for the given time zone ID that's suitable for
    * presentation to the user in the specified locale. The given time
```

```
   * zone ID is "GMT" or one of the names defined using "Zone" entries
   * in the "tz database", a public domain time zone database at
   * <a href="ftp://elsie.nci.nih.gov/pub/">ftp://elsie.nci.nih.gov/pub/</a>.
   * The data of this database is contained in a file whose name starts with
   * "tzdata", and the specification of the data format is part of the zic.8
   * man page, which is contained in a file whose name starts with "tzcode".
   * <p>
   * If <code>daylight</code> is true, the method should return a name
   * appropriate for daylight
 saving time even if the specified time zone
   * has not observed daylight saving time in the past.
   *
   * @param ID a time zone ID string
   * @param daylight if true, return the daylight saving name.
   * @param style either {@link java.util.TimeZone#LONG TimeZone.LONG} or
   *    {@link java.util.TimeZone#SHORT TimeZone.SHORT}
   * @param locale the desired locale
   * @return the human-readable name of the given time zone in the
   *     given locale, or null if it's not available.
   * @exception IllegalArgumentException if <code>style</code> is invalid,
   *     or <code>locale</code> isn't one of the locales returned from
   *     {@link java.util.spi.LocaleServiceProvider#getAvailableLocales()
   *     getAvailableLocales()}.
   * @exception NullPointerException if <code>ID</code> or <code>locale</code>
   *     is null
   * @see java.util.TimeZone#getDisplayName(boolean, int, java.util.Locale)
   */
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/locale/provider/TimeZoneNameProviderImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/orbutil/HexOutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/datatransfer/ClipboardOwner.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/server/RemoteServer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/AreaAveragingScaleFilter.java
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* questions.
*/
/**
* Encapsulate a general SAX error or warning.

```
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This class can contain basic error or warning information from
* either the XML parser or the application: a parser writer or
* application writer can subclass it to provide additional
* functionality.  SAX handlers may throw this exception or
* any exception subclassed from it.</p>
*
* <p>If the application needs to pass through other types of
* exceptions, it must wrap those
 exceptions in a SAXException
* or an exception derived from a SAXException.</p>
*
* <p>If the parser or application needs to include information about a
* specific location in an XML document, it should use the
* {@link org.xml.sax.SAXParseException SAXParseException} subclass.</p>
*
* @since SAX 1.0
* @author David Megginson
* @version 2.0.1 (sax2r2)
* @see org.xml.sax.SAXParseException
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javah/JavahFileManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/KeyboardFocusManagerPeerProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/mbeanserver/MXBeanMapping.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/wsdl/SOAPActionBasedOperationFinder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/opengl/OGLSurfaceDataProxy.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javap/JavapFileManager.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/ObjectStreamClass.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/LineNumberReader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/transport/StreamRemoteCall.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/transport/tcp/TCPEndpoint.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/X500Name.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/server/UnicastServerRef.java
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*/
/**
    * Returns an array containing all of the elements in this queue, in
    * proper sequence.
    *
    * <p>The returned array will be "safe" in that no references to it are
    * maintained by this queue.  (In other words, this method must allocate
    * a new array).  The caller is thus free to modify the returned array.
    *
    * <p>This method acts as
 bridge between array-based and collection-based
    * APIs.
    *
    * @return an array containing all of the elements in this queue
    */
/**
        * Called when itrs should stop tracking this iterator, either
        * because there are no more indices to update (cursor < 0 &&
        * nextIndex < 0 && lastRet < 0) or as a special exception, when
        * lastRet >= 0, because hasNext() is about to return false for the
        * first time.  Call only from iterating thread.
        */
```

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/**
    * Returns a <code>List</code> of <code>String</code> natives to which the
    * specified <code>DataFlavor</code> corresponds. The <code>List</code>
    * will be sorted from best native to worst. That is, the first native will
    * best reflect data in the specified flavor to the underlying native
    * platform. The returned <code>List</code> is a modifiable copy of this
    * <code>FlavorTable</code>'s internal data. Client code is free to modify
    * the <code>List</code> without affecting this object.
    *
    * @param flav the <code>DataFlavor</code> whose corresponding natives
    *        should be returned. If <code>null</code> is specified, all
    *        natives currently known
 to this <code>FlavorTable</code> are
    *        returned in a non-deterministic order.
    * @return a <code>java.util.List</code> of <code>java.lang.String</code>
    *         objects which are platform-specific representations of platform-
    *         specific data formats
    */
/**
    * Returns a <code>List</code> of <code>DataFlavor</code>s to which the
    * specified <code>String</code> corresponds. The <code>List</code> will be
    * sorted from best <code>DataFlavor</code> to worst. That is, the first
    * <code>DataFlavor</code> will best reflect data in the specified
    * native to a Java application. The returned <code>List</code> is a
    * modifiable copy of this <code>FlavorTable</code>'s internal data.
    * Client code is free to modify the <code>List</code> without affecting
```

```
   * this object.
   *
   * @param nat the native whose corresponding <code>DataFlavor</code>s
   *       should be returned. If <code>null</code> is specified, all
    *       <code>DataFlavor</code>s currently known to this
   *       <code>FlavorTable</code> are returned in a non-deterministic
   *       order.
   * @return a <code>java.util.List</code> of <code>DataFlavor</code>
   *        objects into which platform-specific data in the specified,
   *        platform-specific native can be translated
   */
```

Found in path(s):
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 *
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zip/sun/security/provider/KeyStoreDelegator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/invoke/InjectedProfile.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/ssl/HandshakeStateManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/P11ECUtil.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/stats/Monitor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/Pem.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/FloatMath.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/font/FontSubstitution.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/jdk/internal/vm/annotation/ReservedStackAccess.java
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// NO WARRANTY!  This class is in the public domain.
/**
* Default base class for SAX2 event handlers.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This class is available as a convenience base class for SAX2
* applications: it provides default implementations for all of the
* callbacks in the four core SAX2 handler classes:</p>
*
* <ul>
* <li>{@link org.xml.sax.EntityResolver EntityResolver}</li>
* <li>{@link org.xml.sax.DTDHandler DTDHandler}</li>
* <li>{@link org.xml.sax.ContentHandler
 ContentHandler}</li>
* <li>{@link org.xml.sax.ErrorHandler ErrorHandler}</li>
* </ul>
*
* <p>Application writers can extend this class when they need to
* implement only part of an interface; parser writers can
* instantiate this class to provide default handlers when the
```

```
* application has not supplied its own.</p>
*
* <p>This class replaces the deprecated SAX1
* {@link org.xml.sax.HandlerBase HandlerBase} class.</p>
*
* @since SAX 2.0
* @author David Megginson,
* @see org.xml.sax.EntityResolver
* @see org.xml.sax.DTDHandler
* @see org.xml.sax.ContentHandler
* @see org.xml.sax.ErrorHandler
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/internal/org/xml/sax/helpers/DefaultHandler.java
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/**
    * The name of a property that specifies the quality-of-protection to use.
    * The property contains a comma-separated, ordered list
    * of quality-of-protection values that the
    * client or server is willing to support.  A qop value is one of
```

```
   * <ul>
   * <li>{@code "auth"} - authentication only</li>
   * <li>{@code "auth-int"} - authentication plus integrity protection</li>
   * <li>{@code "auth-conf"} - authentication plus integrity and confidentiality
   * protection</li>
   * </ul>
   *
   * The order of the list specifies the preference order of the client or
   * server. If this property is absent, the default qop is {@code "auth"}.
   * The value of this constant
 is {@code "javax.security.sasl.qop"}.
   */
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/security/sasl/Sasl.java
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zip/java/time/zone/ZoneOffsetTransition.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/misc/JavaIOFileDescriptorAccess.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/media/sound/ModelOscillator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/media/sound/SimpleInstrument.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/java2d/x11/X11SurfaceDataProxy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/media/sound/ModelDirectedPlayer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/StateTrackable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/media/sound/ModelAbstractChannelMixer.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/media/sound/ModelChannelMixer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/media/sound/ModelAbstractOscillator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/font/FontScalerException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/imageio/plugins/jpeg/JPEGHuffmanTable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/media/sound/ModelTransform.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/java2d/pipe/BufferedBufImgOps.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/StateTracker.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/print/DialogOwner.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/media/sound/SimpleSoundbank.java
*

/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/pipe/AATileGenerator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/net/httpserver/UndefLengthOutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/imageio/plugins/jpeg/JPEGQTable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/pipe/BufferedMaskBlit.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/awt/image/BufImgSurfaceManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/StateTrackableDelegate.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/media/sound/SoftResamplerStreamer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/media/sound/SoftAudioProcessor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/geom/PathConsumer2D.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/media/sound/AudioSynthesizer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/media/sound/ModelDirector.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/media/sound/ModelWavetable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/media/sound/SoftResampler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/media/sound/InvalidDataException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/media/sound/SF2Region.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/media/sound/ModelOscillatorStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/media/sound/SoftProcess.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/font/FontManagerNativeLibrary.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/media/sound/SoftControl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/javac/BatchEnvironment.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/javac/SourceClass.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/Expression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/java/Constants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/asm/Label.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/DataOutputStream.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/www/MeteredStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/javac/Main.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/java/Parser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/javac/SourceMember.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/OutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/StringTokenizer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/javac/CompilerMember.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/CatchStatement.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/LinkageError.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/Canvas.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/net/www/protocol/file/FileURLConnection.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/ior/ObjectIdImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/protocol/giopmsgheaders/IORAddressingInfoHelper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/spi/ior/IdentifiableFactory.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/ior/FreezableList.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/protocol/giopmsgheaders/ProfileAddr.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/dynamicany/DynArrayImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/ws/WebServiceFeature.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/ws/Dispatch.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/txw2/annotation/XmlAttribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/glassfish/gmbal/DescriptorKey.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/ws/Provider.java
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zip/sun/net/httpserver/FixedLengthInputStream.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/txw2/output/DelegatingXMLStreamWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/txw2/IllegalSignatureException.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/internal/jxc/api/JXC.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/txw2/output/DataWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/txw2/TXW.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/txw2/output/XmlSerializer.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/ws/BindingType.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/internal/spec/TlsPrfParameterSpec.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/txw2/ContentVisitor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/policy/privateutil/LocalizationMessages.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/txw2/output/TXWSerializer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/ws/handler/PortInfo.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/jgss/wrapper/GSSNameElement.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/ws/spi/WebServiceFeatureAnnotation.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/jws/WebService.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/httpserver/HttpConnection.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/txw2/Comment.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/txw2/NamespaceResolver.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/ws/AsyncHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/txw2/IllegalAnnotationException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/ws/ResponseWrapper.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/ws/WebServiceClient.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/bind/v2/model/impl/ModelBuilderI.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/ws/Action.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/txw2/Pcdata.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/imageio/plugins/gif/GIFImageWriterSpi.java
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*/
/**
   * Creates a new JSRInliner. <i>Subclasses must not use this
   * constructor</i>. Instead, they must use the
   * {@link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
   * version.
   *
   * @param mv
   *          the <code>MethodVisitor</code> to send the resulting inlined
```

```
   *          method code to (use <code>null</code> for none).
   * @param access
   *          the method's access flags (see {@link Opcodes}). This
   *          parameter also indicates if the method is synthetic and/or
   *          deprecated.
   * @param name
   *          the method's name.
   * @param desc
   *          the method's descriptor (see {@link Type}).
   * @param signature
   *          the method's signature. May be <tt>null</tt>.
   * @param exceptions
   *          the internal names of the method's exception
 classes (see
   *          {@link Type#getInternalName() getInternalName}). May be
   *          <tt>null</tt>.
   * @throws IllegalStateException
   *           If a subclass calls this constructor.
   */
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/internal/org/objectweb/asm/commons/JSRInlinerAdapter.java
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*
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zip/com/sun/org/apache/xerces/internal/jaxp/validation/ValidatorHandlerImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/orb/NormalParserAction.java
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* <p> This is not part of core-only SAX2 distributions.</p>
*
* @since SAX 2.0.2
* @author David Brownell
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/xml/sax/ext/Locator2Impl.java

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/PerformanceLogger.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/CharacterDataLatin1.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/media/sound/PortMixer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/media/sound/AbstractMidiDeviceProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/media/sound/DirectAudioDevice.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/spi/orb/OperationFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/net/Inet6AddressImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/synth/SynthViewportUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/jvm/Profile.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/synth/SynthSliderUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/NativeThread.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/remote/JMXConnectorFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/synth/SynthSplitPaneUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/swing/plaf/gtk/GTKColorChooserPanel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/synth/SynthPasswordFieldUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XScrollbarPeer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/remote/rmi/RMIConnector.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/synth/SynthRootPaneUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/media/sound/DirectAudioDeviceProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/synth/SynthFormattedTextFieldUI.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/synth/SynthTableHeaderUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/jvm/Target.java
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/**
* The StartElement interface provides access to information about
* start elements.  A StartElement is reported for each Start Tag
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* @version 1.0
* @author Copyright (c) 2009 by Oracle Corporation. All Rights Reserved.
* @since 1.6
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/peer/ScrollPanePeer.java

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/DatagramSocketAdaptor.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/JavaSecurityProtectionDomainAccess.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/dtdparser/EntityDecl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/zip/ZStreamRef.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javah/JavahTool.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/dtdparser/DTDEventListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/www/http/HttpCaptureOutputStream.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/ftp/FtpDirParser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/www/protocol/http/logging/HttpLogFormatter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/lang/model/element/Parameterizable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/pipe/LoopBasedPipe.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/remote/internal/IIOPProxy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/ApplicationProxy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/www/http/HttpCaptureInputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/dtdparser/EndOfInputException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/ftp/FtpDirEntry.java
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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/dtdparser/ExternalEntity.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/ReflectiveOperationException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/ftp/impl/DefaultFtpClientProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/www/http/HttpCapture.java

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zip/sun/security/util/PermissionFactory.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/dtdparser/XmlNames.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/com/sun/xml/internal/dtdparser/XmlChars.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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zip/com/sun/tools/javac/util/ForwardingDiagnosticFormatter.java
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/**
    * Gets a specified property for an algorithm. The algorithm name
    * should be a standard name. See the <a href=
    * "{@docRoot}/../technotes/guides/security/StandardNames.html">
    * Java Cryptography Architecture Standard Algorithm Name Documentation</a>
    * for information about standard algorithm names.
    *
    * One possible use is by specialized algorithm parsers, which may map
    * classes to algorithms which they understand (much like Key parsers
    * do).
    *
```

```
   * @param algName the algorithm name.
   *
   * @param propName the name of the property to get.
   *
   * @return the value of the specified property.
   *
   * @deprecated This method used to return
 the value of a proprietary
   * property in the master file of the "SUN" Cryptographic Service
   * Provider in order to determine how to parse algorithm-specific
   * parameters. Use the new provider-based and algorithm-independent
   * {@code AlgorithmParameters} and {@code KeyFactory} engine
   * classes (introduced in the J2SE version 1.2 platform) instead.
   */
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xml/internal/serializer/XSLOutputAttributes.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xml/internal/serializer/ExtendedContentHandler.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xml/internal/serializer/SerializationHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xml/internal/serializer/NamespaceMappings.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xml/internal/serializer/ElemContext.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xml/internal/dtm/ref/CustomStringPool.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/glassfish/external/probe/provider/annotations/ProbeListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/glassfish/external/statistics/StringStatistic.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/NetHooks.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/glassfish/external/probe/provider/StatsProviderManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/glassfish/external/probe/provider/PluginPoint.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/InfoWindow.java
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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zip/com/sun/org/glassfish/external/amx/AMXGlassfish.java
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/**
    * Requests that confidentiality be available.
    */
/**
    * Is confidentiality available?
    */
/**
    * Queries the context for largest data size to accommodate
    * the specified protection and be <= maxTokSize.
    *
    * @param qop the quality of protection that the context will be
    *  asked to provide.
    * @param confReq a flag indicating whether confidentiality will be
    *  requested or not
    * @param outputSize the maximum size of the output token
    * @return the maximum size for the input message that can be
    *  provided to the wrap() method in order to guarantee that these
    *  requirements are met.
    * @throws GSSException
    */
```

Found in path(s):

```
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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/jgss/krb5/Krb5Context.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/rmic/iiop/Util.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/Regexp.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/Cloneable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/java/ClassFile.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/Dictionary.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/java/IdentifierToken.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/RemoteException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/Vset.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/TypeCode.java
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zip/com/sun/corba/se/impl/orbutil/ObjectStreamClass_1_3_1.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/synth/SynthParser.java
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/JISAutoDetect.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/rowset/providers/RIOptimisticProvider.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/wrapper/PKCS11.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/EPollPort.java
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/**
* SAX2 extension to augment the entity information provided
* though a {@link Locator}.
* If an implementation supports this extension, the Locator
* provided in {@link org.xml.sax.ContentHandler#setDocumentLocator
* ContentHandler.setDocumentLocator() } will implement this
* interface, and the
* <em>http://xml.org/sax/features/use-locator2</em> feature
* flag will have the value <em>true</em>.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
*
* <p> XMLReader implementations are not required to support this
* information, and it is not part of
 core-only SAX2 distributions.</p>
*
```

* @since SAX 2.0 (extensions 1.1 alpha)
* @author David Brownell
*/

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/xml/sax/ext/Locator2.java
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*/
/**
* This exception is raised if an operation implementation
* throws a non-CORBA exception (such as an exception
* specific to the implementation's programming language),
* or if an operation raises a user exception that does not
* appear in the operation's raises expression. UNKNOWN is
* also raised if the server returns a system exception that
* is unknown to the client. (This can happen if the server
* uses a later version of CORBA than the client and new system
* exceptions have been added to the later version.)<P>
* It contains a minor code, which gives more detailed information about
* what caused the exception, and a completion status. It may also contain
* a string describing the exception.
 * <P>
* See the section <A href="../../../../technotes/guides/idl/jidlExceptions.html#minorcodemeanings">Minor

* Code Meanings</A> to see the minor codes for this exception.
*
* @see <A href="../../../../technotes/guides/idl/jidlExceptions.html">documentation on
* Java IDL exceptions</A>
*/

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/media/sound/AutoConnectSequencer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/remote/JMXAuthenticator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XEmbedChildProxy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XWrapperBase.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/awt/im/InputMethodPopupMenu.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/opengl/OGLMaskFill.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/crypto/spec/OAEPParameterSpec.java

*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/remote/SubjectDelegationPermission.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/remote/rmi/RMIIIOPServerImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/media/sound/ReferenceCountingDevice.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/remote/JMXConnectorServerProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XEventDispatcher.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XAWTLookAndFeel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/crypto/provider/RC2Crypt.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/remote/MBeanServerForwarder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/awt/X11/XDragAndDropProtocols.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/opengl/OGLMaskBlit.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/oa/poa/RequestProcessingPolicyImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/IPAcl/Token.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/text/html/LineView.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/geom/ArcIterator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/swing/plaf/windows/WindowsDesktopPaneUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/activation/ActivationException.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/Scrollable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/AttributeNameEnumeration.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/oa/poa/ImplicitActivationPolicyImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/swing/plaf/motif/MotifRadioButtonUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/GeneralSubtrees.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/UplevelReference.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/rmic/Constants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/swing/plaf/motif/MotifToggleButtonUI.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/ref/PhantomReference.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/pipe/NullPipe.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/oa/poa/ThreadPolicyImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/ref/SoftReference.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/spec/InvalidParameterSpecException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/oa/poa/LifespanPolicyImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/naming/cosnaming/NamingUtils.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/IPAcl/ParserConstants.java
*
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/oa/poa/ActiveObjectMap.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/internal/POA/POAORB.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/dnd/DragSourceListener.java
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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/swing/plaf/motif/MotifButtonUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/pipe/ValidatePipe.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/util/ModifierFilter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/CertAttrSet.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/java/MethodSet.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11CustomCursor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/PortableServer/Servant.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/ref/WeakReference.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/activation/registries/MimeTypeFile.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jmx/snmp/IPAcl/ParserTreeConstants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/MenuElement.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/oa/poa/ServantRetentionPolicyImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/FieldUpdater.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/GeneralNames.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/naming/cosnaming/NamingContextDataStore.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/oa/poa/BadServerIdHandler.java
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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/naming/cosnaming/TransientNameServer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/rmi/activation/ActivationSystem.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/IPAcl/Node.java
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/**
* This describes the interface to Characters events.
* All text events get reported as Characters events.
* Content, CData and whitespace are all reported as
* Characters events. IgnorableWhitespace, in most cases,
* will be set to false unless an element declaration of element
* content is present for the current element.
*
* @version 1.0
* @author Copyright (c) 2009 by Oracle Corporation. All Rights Reserved.
* @since 1.6
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/smartcardio/TerminalImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/net/www/protocol/http/ntlm/NTLMAuthentication.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/pipe/BufferedContext.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/util/jar/pack/DriverResource_ja.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/stream/writers/XMLStreamWriterImpl.java
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* A marker interface for the end of the document
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* @author Copyright (c) 2009 by Oracle Corporation. All Rights Reserved.
* @since 1.6
*/
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/xsom/impl/parser/state/elementDeclBody.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/xsom/impl/parser/state/attributeDeclBody.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/ref/Finalizer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/crypto/provider/PKCS5Padding.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/xsom/impl/parser/state/identityConstraint.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/activation/ActivationID.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/ws/util/DOMUtil.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/crypto/JceSecurity.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/provider/DSAParameterGenerator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/bind/v2/runtime/MarshallerImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/xsom/impl/parser/state/complexType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/provider/PolicyFile.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/provider/DSAKeyPairGenerator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/PKIXExtensions.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/UIDefaults.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/util/SignatureFileVerifier.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/xsom/impl/parser/state/notation.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/HashMap.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/ref/ReferenceQueue.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/ProtectionDomain.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/ws/util/xml/XmlUtil.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/bind/v2/runtime/output/StAXExStreamWriterOutput.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/SignedObject.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/tools/keytool/Main.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/HashSet.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/bind/v2/runtime/output/FastInfosetStreamWriterOutput.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/CodeSource.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/xsom/impl/parser/state/group.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/UnresolvedPermission.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/tools/jarsigner/Main.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/x509/NameConstraintsExtension.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/SunJCE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/bind/v2/runtime/BridgeImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/messaging/saaj/soap/impl/DetailImpl.java
*

/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/ManifestEntryVerifier.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/ref/Reference.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/xsom/impl/parser/state/simpleType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/crypto/CipherSpi.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/xsom/impl/parser/state/qname.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/util/exception/JAXWSExceptionBase.java
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*/
/**
* A single input source for an XML entity.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This class allows a SAX application to encapsulate information
```

```
* about an input source in a single object, which may include
* a public identifier, a system identifier, a byte stream (possibly
* with a specified encoding), and/or a character stream.</p>
*
* <p>There are two places that the application can deliver an
* input source to the parser: as the argument to the Parser.parse
 * method, or as the return value of the EntityResolver.resolveEntity
* method.</p>
*
* <p>The SAX parser will use the InputSource object to determine how
* to read XML input.  If there is a character stream available, the
* parser will read that stream directly, disregarding any text
* encoding declaration found in that stream.
* If there is no character stream, but there is
* a byte stream, the parser will use that byte stream, using the
* encoding specified in the InputSource or else (if no encoding is
* specified) autodetecting the character encoding using an algorithm
* such as the one in the XML specification.  If neither a character
* stream nor a
* byte stream is available, the parser will attempt to open a URI
* connection to the resource identified by the system
* identifier.</p>
*
* <p>An InputSource object belongs to the application: the SAX parser
* shall never modify it in any way (it may modify a copy if
* necessary).  However, standard processing of
 both byte and
* character streams is to close them on as part of end-of-parse cleanup,
* so applications should not attempt to re-use such streams after they
* have been handed to a parser.  </p>
*
* @since SAX 1.0
* @author David Megginson
* @see org.xml.sax.XMLReader#parse(org.xml.sax.InputSource)
* @see org.xml.sax.EntityResolver#resolveEntity
* @see java.io.InputStream
* @see java.io.Reader
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/internal/org/xml/sax/InputSource.java
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* Please contact Oracle, 500 Oracle Parkway, Redwood Shores, CA 94065 USA
* or visit www.oracle.com if you need additional information or have any
* questions.
*/
/**
    * Returns <code>true</code> if this <code>GraphicsDevice</code>
    * supports full-screen exclusive mode.
    * If a SecurityManager is installed, its
    * <code>checkPermission</code> method will be called
    * with <code>AWTPermission("fullScreenExclusive")</code>.
    * <code>isFullScreenSupported</code> returns true only if
    * that permission is granted.
    * @return whether full-screen exclusive mode is available for
    * this graphics device
    * @see java.awt.AWTPermission
    * @since 1.4
    */
```

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*/
// NO WARRANTY!  This class is in the Public Domain.
/**
* Interface for reading an XML document using callbacks.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
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* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p><strong>Note:</strong> despite its name, this interface does
* <em>not</em> extend the standard Java {@link java.io.Reader Reader}
* interface, because reading XML is a fundamentally different activity
* than reading character data.</p>
*
* <p>XMLReader is the interface that an XML parser's SAX2 driver must
* implement.
  This interface allows an application to set and
* query features and properties in the parser, to register
* event handlers for document processing, and to initiate
* a document parse.</p>
*
* <p>All SAX interfaces are assumed to be synchronous: the
* {@link #parse parse} methods must not return until parsing
* is complete, and readers must wait for an event-handler callback
* to return before reporting the next event.</p>
*
* <p>This interface replaces the (now deprecated) SAX 1.0 {@link
* org.xml.sax.Parser Parser} interface.  The XMLReader interface
* contains two important enhancements over the old Parser
* interface (as well as some minor ones):</p>
```

```
*
* <ol>
* <li>it adds a standard way to query and set features and
*  properties; and</li>
* <li>it adds Namespace support, which is required for many
*  higher-level XML standards.</li>
* </ol>
*
* <p>There are adapters available to convert a SAX1 Parser to
* a SAX2 XMLReader and vice-versa.</p>
*
* @since
 SAX 2.0
* @author David Megginson
* @see org.xml.sax.XMLFilter
* @see org.xml.sax.helpers.ParserAdapter
* @see org.xml.sax.helpers.XMLReaderAdapter
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/fastinfoset/algorithm/HexadecimalEncodingAlgorithm.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/fastinfoset/algorithm/BASE64EncodingAlgorithm.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/fastinfoset/sax/AttributesHolder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/fastinfoset/Decoder.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/fastinfoset/algorithm/BooleanEncodingAlgorithm.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/fastinfoset/algorithm/BuiltInEncodingAlgorithm.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/fastinfoset/algorithm/FloatEncodingAlgorithm.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/fastinfoset/stax/StAXDocumentParser.java
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*/
/** Helper class for constant folding, used by the attribution phase.
* This class is marked strictfp as mandated by JLS 15.4.
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/comp/ConstFold.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/example/debug/bdi/AccessWatchpointSpec.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/example/debug/gui/LaunchTool.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/com/sun/naming/internal/FactoryEnumeration.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jndi/ldap/LdapNamingEnumeration.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jndi/toolkit/corba/CorbaUtils.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/ldap/sasl/LdapSasl.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/ldap/LdapAttribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jndi/ldap/sasl/DefaultCallbackHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/event/VMStartEventSet.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/naming/spi/ContinuationContext.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jndi/cosnaming/ExceptionMapper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jndi/toolkit/dir/ContainmentFilter.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/event/ModificationWatchpointEventSet.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/bdi/LineBreakpointSpec.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jndi/toolkit/ctx/ComponentDirContext.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/event/AccessWatchpointEventSet.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/VMAction.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/bdi/SpecListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/pipe/LoopPipe.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jndi/ldap/ReferralEnumeration.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/loops/SurfaceType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/x11/X11SurfaceData.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/Popup.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/ldap/VersionHelper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/ldap/Obj.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/toolkit/dir/DirSearch.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/im/SimpleInputMethodWindow.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/ActionMap.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/rmi/registry/RegistryContextFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/example/debug/event/LocatableEventSet.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/ldap/LdapSchemaParser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/omg/SendingContext/_CodeBaseImplBase.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/toolkit/ctx/PartialCompositeDirContext.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/ldap/Ber.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/ComponentInputMap.java
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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jndi/toolkit/ctx/AtomicContext.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/example/debug/expr/ExpressionParser.java
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/**
    * Returns the names of the cipher suites which could be enabled for use
    * on an SSL connection.  Normally, only a subset of these will actually
    * be enabled by default, since this list may include cipher suites which
```

```
    * do not support the mutual authentication of servers and clients, or
    * which do not protect data confidentiality.  Servers may also need
    * certain kinds of certificates to use certain cipher suites.
    *
    * @return an array of cipher suite names
    */
```

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/**
* Provides information on the location of an event.
*
* All the information provided by a Location is optional.  For example
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*
* @version 1.0
* @author Copyright (c) 2009 by Oracle Corporation. All Rights Reserved.
* @since 1.6
```

```
*/

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zip/sun/text/resources/th/BreakIteratorRules_th.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tracing/ProviderFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/invoke/MethodHandleProxies.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/LinuxFileStore.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/ObjectInputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/SSLSessionImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/ClientHandshaker.java
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*/
// NO WARRANTY! This class is in the public domain.
/**
* Default implementation of the Attributes interface.
*
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* </blockquote>

```
*
* <p>This class provides a default implementation of the SAX2
* {@link org.xml.sax.Attributes Attributes} interface, with the
* addition of manipulators so that the list can be modified or
* reused.</p>
*
* <p>There are two typical uses of this class:</p>
*
* <ol>
* <li>to take a persistent snapshot of an Attributes object
 *  in a {@link org.xml.sax.ContentHandler#startElement startElement} event; or</li>
* <li>to construct or modify an Attributes object in a SAX2 driver or filter.</li>
* </ol>
*
* <p>This class replaces the now-deprecated SAX1 {@link
* org.xml.sax.helpers.AttributeListImpl AttributeListImpl}
* class; in addition to supporting the updated Attributes
* interface rather than the deprecated {@link org.xml.sax.AttributeList
* AttributeList} interface, it also includes a much more efficient
* implementation using a single array rather than a set of Vectors.</p>
*
* @since SAX 2.0
* @author David Megginson
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/AbstractWatchService.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/AbstractFileTypeDetector.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/DynamicFileAttributeView.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/invoke/package-info.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/AbstractWatchKey.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/UnixSecureDirectoryStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/AbstractAclFileAttributeView.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/BootstrapMethodError.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/invoke/InvokeDynamic.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/management/PlatformManagedObject.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/font/FontManagerForSGE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/ExtendedSocketOption.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/invoke/util/package-info.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/PollingWatchService.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/AbstractBasicFileAttributeView.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/invoke/util/BytecodeDescriptor.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/FileOwnerAttributeViewImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/classfile/Type.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/pipe/PixelToParallelogramConverter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/AbstractUserDefinedFileAttributeView.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/JavaOISAccess.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/provider/certpath/PKIXExtendedParameters.java
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/*
        * permission to access and use the secret key of the Kerberized
        * "host" service is done in ServerHandshaker.getKerberosKeys()
        * to ensure server has the permission to use the secret key
        * before promising the client
        */
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/krb5/KerberosClientKeyExchangeImpl.java
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*/
/**
    * Gets an input stream to read from the peer on the other side.
    * Data read from this stream was always integrity protected in
    * transit, and will usually have been confidentiality protected.
```

```
    */
/**
    * Gets an output stream to write to the peer on the other side.
    * Data written on this stream is always integrity protected, and
    * will usually be confidentiality protected.
    */
/**
    * Returns the names of the cipher suites which could be enabled for use
    * on an SSL connection.  Normally, only a subset of these will actually
    * be enabled by default, since this list may include cipher suites which
    * do not support the mutual authentication of servers and
 clients, or
    * which do not protect data confidentiality.  Servers may also need
    * certain kinds of certificates to use certain cipher suites.
    *
    * @return an array of cipher suite names
    */
/**
    * Returns the names of the SSL cipher suites which are currently enabled
    * for use on this connection.  When an SSL socket is first created,
    * all enabled cipher suites <em>(a)</em> protect data confidentiality,
    * by traffic encryption, and <em>(b)</em> can mutually authenticate
    * both clients and servers.  Thus, in some environments, this value
    * might be empty.
    *
    * @return an array of cipher suite names
    */
```

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*/
/**
```

```
 * Major version number.
 * Version number. This changes only when there is a
 *        significant, externally apparent enhancement from
 *        the previous release. 'n' represents the n'th
 *        version.
 *
 *        Clients should carefully consider the implications
 *
  of new versions as external interfaces and behaviour
 *        may have changed.
 */
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xml/internal/serializer/Version.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/YearMonth.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/Year.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/OffsetDateTime.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/Month.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/Instant.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/LocalDateTime.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/MonthDay.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/OffsetTime.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/ZonedDateTime.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/ZoneId.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/DayOfWeek.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/LocalTime.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/Duration.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/chrono/ChronoZonedDateTime.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/chrono/ChronoLocalDateTime.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/Globs.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/logutil/InputException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/Reflect.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/AsynchronousFileChannelImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/BasicFileAttributesHolder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/logutil/InputCode.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/MembershipRegistry.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/Port.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/NativeBuffer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/logutil/MC.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/UnixFileKey.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/classfile/DescriptorException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/awt/AWTUtilities.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/logutil/Input.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/Cancellable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/api/Messages.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/classfile/AttributeException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/classfile/ConstantPoolException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/MembershipKeyImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/PendingFuture.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/Groupable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/Cancellable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/UnixFileModeAttribute.java

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/dtd/XMLDTDValidatorFilter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/RevalidationHandler.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/TypeImpl.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/metal/MetalUtils.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/rmic/newrmic/jrmp/JrmpGenerator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/validation/Schema.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/xpath/XPathFunction.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/xpath/XPathFunctionResolver.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/HotspotRuntimeMBean.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/font/FontStrikeDesc.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/synth/ParsedSynthStyle.java
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zip/javax/xml/xpath/XPathVariableResolver.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/launcher/version_comp.h
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/font/CompositeStrike.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/Native.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/HotspotRuntime.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/accessibility/AccessibleAttributeSequence.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/generics/visitor/Reifier.java
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/xml/validation/TypeInfoProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java_cup/internal/runtime/virtual_parse_stack.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XAwtState.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/xml/validation/ValidatorHandler.java
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zip/com/sun/imageio/plugins/bmp/BMPMetadataFormatResources.java
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ava,v 1.3.2.4 2009-05-13 08:53:01 oleksiys Exp $
*/
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zip/com/sun/security/sasl/gsskerb/GssKrb5Server.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/security/sasl/PlainClient.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/jgss/krb5/Krb5InitCredential.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/xs/XSConstants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/xinclude/MultipleScopeNamespaceSupport.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/xinclude/XIncludeNamespaceSupport.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA_2_3/ORB.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/util/ORBProperties.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/beancontext/BeanContextContainerProxy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/javadoc/SeeTag.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/loops/FillSpans.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/beancontext/BeanContextChildComponentProxy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/beancontext/BeanContextProxy.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/stream/dtd/nonvalidating/XMLElementDecl.java
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/**
   * This method creates a new MBeanServer implementation object.
   * When creating a new MBeanServer the
   * {@link javax.management.MBeanServerFactory} first calls
   * <code>newMBeanServerDelegate()</code> in order to obtain a new
   * {@link javax.management.MBeanServerDelegate} for the new
   * MBeanServer. Then it calls
   * <code>newMBeanServer(defaultDomain,outer,delegate)</code>
   * passing the <var>delegate</var> that should be used by the
   * MBeanServer  implementation.
   * <p>Note that the passed <var>delegate</var> might not be directly the
   * MBeanServerDelegate that was returned by this implementation. It could
   * be, for instance, a new object wrapping the
 previously
   * returned delegate.
   * <p>The <var>outer</var> parameter is a pointer to the MBeanServer that
   * should be passed to the {@link javax.management.MBeanRegistration}
   * interface when registering MBeans inside the MBeanServer.
   * If <var>outer</var> is <code>null</code>, then the MBeanServer
   * implementation is free to use its own <code>this</code> pointer when
   * invoking the {@link javax.management.MBeanRegistration} interface.
   * <p>This makes it possible for a MBeanServer implementation to wrap
   * another MBeanServer implementation, in order to implement, e.g,
   * security checks, or to prevent access to the actual MBeanServer
   * implementation by returning a pointer to a wrapping object.
   * <p>
   * This MBeanServerBuilder makes it possible to create MBeanServer
   * which support {@link com.sun.jmx.interceptor.MBeanServerInterceptor}s.
   *
   * @param defaultDomain Default domain of the new MBeanServer.
   *
 @param outer A pointer to the MBeanServer object that must be
   *       passed to the MBeans when invoking their
   *       {@link javax.management.MBeanRegistration} interface.
   * @param delegate A pointer to the MBeanServerDelegate associated
```

```
   *       with the new MBeanServer. The new MBeanServer must register
   *       this MBean in its MBean repository.
   *
   * @return A new private implementation of an MBeanServer.
   **/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/mbeanserver/JmxMBeanServerBuilder.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/RSAClientKeyExchange.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/Handshaker.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/applet/resources/MsgAppletViewer_ko.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/transport/DGCAckHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/transport/DGCImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/sun/rmi/server/MarshalInputStream.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/net/ssl/X509TrustManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/NotificationBroadcaster.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/util/Abort.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/motif/X11GBK.java
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zip/javax/management/AttributeValueExp.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/loops/BlitBg.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/peer/RobotPeer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/QueryEval.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/text/TextLayoutStrategy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/Notification.java
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zip/javax/management/BinaryOpValueExp.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/net/ssl/TrustManagerFactorySpi.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/InQueryExp.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/JMRuntimeException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/AndQueryExp.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/monitor/GaugeMonitor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/NotQueryExp.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jmx/defaults/ServiceName.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/BinaryRelQueryExp.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jmx/mbeanserver/Repository.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/parser/Parser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/Timer.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/server/ActivationGroupInit.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/pipe/GeneralCompositePipe.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/server/UnicastServerRef2.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/activation/ServerTool.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/SingleSelectionModel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/pipe/AlphaPaintPipe.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/activation/CommandHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/image/ImageConsumerQueue.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/swing/plaf/motif/MotifTabbedPaneUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/spi/oa/OADestroyed.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/loops/FillRect.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/SunCompositeContext.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/loops/DrawLine.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/IPAddressName.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/SerialNumber.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/loops/DrawPolygons.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/portable/Delegate.java
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zip/org/w3c/dom/css/CSSFontFaceRule.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/msg/XMLMessageFormatter_de.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/CharacterData.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/KrbServiceLocator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/MultipleGradientPaint.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/main/OptionHelper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/ClassLoaderUtil.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/internal/PAData.java
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/transport/proxy/HttpOutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/transport/TransportConstants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/transport/proxy/RMISocketInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/Customizer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/applet/AppletViewerFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/PrintJob.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/acl/WorldGroupImpl.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/transport/proxy/HttpSendInputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/applet/AppletIllegalArgumentException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/transport/Connection.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/transport/proxy/RMIDirectSocketFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/acl/PrincipalImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/Request.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/acl/Permission.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/image/ByteArrayImageSource.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/applet/AppletIOException.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/applet/AppletImageRef.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/www/content/text/PlainTextInputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/transport/tcp/MultiplexConnectionInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/PropertyChangeListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/transport/proxy/HttpSendOutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/URLCanonicalizer.java

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*/
/**
    * Returns an array of arrays of {@code Annotation}s that
    * represent the annotations on the formal parameters, in
    * declaration order, of the {@code Executable} represented by
    * this object.  Synthetic and mandated parameters (see
    * explanation below), such as the outer "this" parameter to an
    * inner class constructor will be represented in the returned
    * array.  If the executable has no parameters (meaning no formal,
    * no synthetic, and no mandated parameters), a zero-length array
    * will be returned.  If the {@code Executable} has one or more
    * parameters, a nested array of length zero is returned for each
    * parameter with no annotations. The annotation
 objects contained
    * in the returned arrays are serializable.  The caller of this
    * method is free to modify the returned arrays; it will have no
    * effect on the arrays returned to other callers.
    *
    * A compiler may add extra parameters that are implicitly
    * declared in source ("mandated"), as well as parameters that
    * are neither implicitly nor explicitly declared in source
    * ("synthetic") to the parameter list for a method.  See {@link
```

```
    * java.lang.reflect.Parameter} for more information.
    *
    * @see java.lang.reflect.Parameter
    * @see java.lang.reflect.Parameter#getAnnotations
    * @return an array of arrays that represent the annotations on
    *    the formal and implicit parameters, in declaration order, of
    *    the executable represented by this object
    */
/**
    * Returns an {@code AnnotatedType} object that represents the use of a type to
    * specify the return type of the method/constructor represented
 by this
    * Executable.
    *
    * If this {@code Executable} object represents a constructor, the {@code
    * AnnotatedType} object represents the type of the constructed object.
    *
    * If this {@code Executable} object represents a method, the {@code
    * AnnotatedType} object represents the use of a type to specify the return
    * type of the method.
    *
    * @return an object representing the return type of the method
    * or constructor represented by this {@code Executable}
    */
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/dv/xs/DateDV.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/dv/xs/TimeDV.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xml/internal/serialize/XML11Serializer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/dom/ElementNSImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/dv/xs/DateTimeDV.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/xpath/regex/RegularExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/dv/xs/YearDV.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/dv/xs/YearMonthDV.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/xpath/regex/RangeToken.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/dv/dtd/ListDatatypeValidator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/dv/xs/DurationDV.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/dv/xs/MonthDV.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/dv/xs/DayDV.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/dv/dtd/NMTOKENDatatypeValidator.java
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*/
/**
* Basic interface for SAX error handlers.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>If a SAX application needs to implement customized error
* handling, it must implement this interface and then register an
* instance with the XML reader using the
* {@link org.xml.sax.XMLReader#setErrorHandler setErrorHandler}
* method.  The parser will then report all errors and warnings
* through this interface.</p>
*
* <p><strong>WARNING:</strong> If an application does <em>not</em>
 * register an ErrorHandler, XML parsing errors will go unreported,
* except that <em>SAXParseException</em>s will be thrown for fatal errors.
* In order to detect validity errors, an ErrorHandler that does something
* with {@link #error error()} calls must be registered.</p>
*
* <p>For XML processing errors, a SAX driver must use this interface
* in preference to throwing an exception: it is up to the application
* to decide whether to throw an exception for different types of
* errors and warnings.  Note, however, that there is no requirement that
* the parser continue to report additional errors after a call to
* {@link #fatalError fatalError}.  In other words, a SAX driver class
* may throw an exception after reporting any fatalError.
* Also parsers may throw appropriate exceptions for non-XML errors.
* For example, {@link XMLReader#parse XMLReader.parse()} would throw
* an IOException for errors accessing entities or the document.</p>
*
* @since SAX 1.0
* @author
 David Megginson
* @see org.xml.sax.XMLReader#setErrorHandler
* @see org.xml.sax.SAXParseException
```

*/

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/crypto/dk/Des3DkCrypto.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/crypto/provider/HmacCore.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/spi/protocol/PIHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/ProtocolList.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/synth/SynthComboPopup.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/HandshakeHash.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javah/Gen.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javah/LLNI.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/swing/plaf/gtk/Metacity.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/oa/poa/POAPolicyMediatorBase_R.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/NativeThreadSet.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/accessibility/util/java/awt/CheckboxTranslator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/validator/ValidatorException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/oa/toa/TOAFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/EUC_JP.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/swing/plaf/synth/SynthFileChooserUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/provider/certpath/IndexedCollectionCertStore.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/ssl/BaseSSLSocketImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/ISO2022_JP.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/EUC_JP_LINUX.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/accessibility/util/java/awt/ButtonTranslator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XDialogPeer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/InetAddressAcl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/tasks/ThreadService.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/spi/protocol/RequestDispatcherRegistry.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/accessibility/util/java/awt/ListTranslator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/dns/ResolverConfigurationImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/protocol/LocalClientRequestDispatcherBase.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/swing/plaf/gtk/GTKStyleFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javah/Mangle.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/defaults/SnmpProperties.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/accessibility/util/java/awt/TextComponentTranslator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/accessibility/util/java/awt/LabelTranslator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/prefs/XmlSupport.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XScrollPanePeer.java

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/ParseException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/SymtabFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/LinkException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/ldap/LdapReferralException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/sound/midi/Instrument.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/ObjectInstance.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/Compile.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/TypedefEntry.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/toJavaPortable/ValueGen24.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/sound/midi/Sequence.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/loops/MaskBlit.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/loops/RenderCache.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/InterfaceEntry.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/FontFormatException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/cosnaming/RemoteToCorba.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/Noop.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/spi/DirObjectFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/directory/Attributes.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/spi/servicecontext/ServiceContextRegistry.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/toolkit/ctx/HeadTail.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/cosnaming/CNCtxFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/util/PackagePrefixChecker.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/spi/Resolver.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/SequenceEntry.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/DefaultSymtabFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/ExtensionInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/spi/ObjectFactoryBuilder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/Name.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/toJavaPortable/Helper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/SymtabEntry.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/CannotProceedException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/spi/ObjectFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/LinkRef.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/toJavaPortable/Util.java
*

/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/spi/ResolveResult.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/spi/StateFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/ValueExp.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/sound/midi/SoundbankResource.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/spi/DirStateFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/NamingEnumeration.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/spi/InitialContextFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/spi/InitialContextFactoryBuilder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/oa/poa/DelegateImpl.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/sound/sampled/Port.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/NameParser.java
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   */
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/encoding/BufferManagerReadStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/SocketDispatcher.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/jgss/ProviderList.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/jgss/GSSContextImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xalan/internal/XalanConstants.java

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/**
* Encapsulate an XML parse error or warning.
*
* <blockquote>
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* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
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* </blockquote>
*
* <p>This exception may include information for locating the error
* in the original XML document, as if it came from a {@link Locator}
* object.  Note that although the application
* will receive a SAXParseException as the argument to the handlers
* in the {@link org.xml.sax.ErrorHandler ErrorHandler} interface,
* the application is not actually required to throw the exception;
* instead,
 it can simply read the information in it and take a
* different action.</p>
*
* <p>Since this exception is a subclass of {@link org.xml.sax.SAXException
```

```
* SAXException}, it inherits the ability to wrap another exception.</p>
*
* @since SAX 1.0
* @author David Megginson
* @version 2.0.1 (sax2r2)
* @see org.xml.sax.SAXException
* @see org.xml.sax.Locator
* @see org.xml.sax.ErrorHandler
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/internal/org/xml/sax/SAXParseException.java
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*/
// JavaSoft proprietary key-protection algorithm (used to protect private
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/util/jar/pack/Coding.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ThreadLocalCoders.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/UnsafeFieldAccessorFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/StreamDecoder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/naming/internal/NamedWeakReference.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/UnsafeFieldAccessorImpl.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/net/ssl/internal/www/protocol/https/DelegateHttpsURLConnection.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/example/trace/Trace.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/im/InputMethodJFrame.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/util/Options.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/example/debug/tty/MessageOutput.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/Label.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/www/protocol/jar/URLJarFile.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/example/debug/tty/TTYResources.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/ClassDefiner.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/BootstrapConstructorAccessorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/example/trace/StreamRedirectThread.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/UTF8.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/crypto/EncryptedPrivateKeyInfo.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/dom/PSVIElementNSImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/dom/PSVIDocumentImpl.java
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```
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*
* <p>This is an optional extension handler for SAX2 to provide
* lexical information about an XML document, such as comments
* and CDATA section boundaries.
* XML readers are not required to recognize this handler, and it
* is not part of core-only SAX2 distributions.</p>
*
* <p>The events in the lexical handler apply to the entire document,
* not just
 to the document element, and all lexical handler events
* must appear between the content handler's startDocument and
* endDocument events.</p>
*
* <p>To set the LexicalHandler for an XML reader, use the
* {@link org.xml.sax.XMLReader#setProperty setProperty} method
* with the property name
* <code>http://xml.org/sax/properties/lexical-handler</code>
* and an object implementing this interface (or null) as the value.
* If the reader does not report lexical events, it will throw a
* {@link org.xml.sax.SAXNotRecognizedException SAXNotRecognizedException}
* when you attempt to register the handler.</p>
*
* @since SAX 2.0 (extensions 1.0)
* @author David Megginson
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/xml/sax/ext/LexicalHandler.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/SocketOptionRegistry.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/UnixConstants.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/java/BinaryClass.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/IOException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/java/ClassDefinition.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/javac/file/BaseFileObject.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/ETypeInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/crypto/provider/SslMacCore.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/lang/model/element/UnknownAnnotationValueException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/krb5/internal/ETypeInfo2.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/jgss/spnego/SpNegoMechFactory.java
*

/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/lang/model/element/UnknownElementException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/lang/model/type/UnknownTypeException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/FileLockTable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/javac/file/SymbolArchive.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/net/www/protocol/http/spnego/NegotiatorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/jgss/wrapper/NativeGSSContext.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/javac/file/ZipArchive.java
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zip/com/sun/org/apache/xml/internal/utils/ListingErrorHandler.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/DataBufferShort.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/DataBufferByte.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/awt/image/WritableRenderedImage.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/DataBufferInt.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/RenderedImage.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/CipherFeedback.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/api/streaming/XMLStreamWriterFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/bind/v2/runtime/output/XMLStreamWriterOutput.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/crypto/CipherInputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/crypto/CipherOutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/CipherBlockChaining.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/jar/Manifest.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/provider/JavaKeyStore.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/OutputFeedback.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/PBEKey.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/ElectronicCodeBook.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/jar/JarVerifier.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/streaming/XMLStreamWriterUtil.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/PCBC.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/net/ssl/SSLSessionContext.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/DNSName.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/crypto/spec/PBEKeySpec.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/jar/JarFile.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/ssl/RenegotiationInfoExtension.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/jconsole/MaximizableInternalFrame.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/ssl/ECDHClientKeyExchange.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ec/ECKeyFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/ssl/SignatureAlgorithmsExtension.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/ClientPropertyKey.java
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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/javac/api/WrappingJavaFileManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jconsole/OverviewPanel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/ssl/UnknownExtension.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/ExtensionType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/beans/finder/ClassFinder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/SerialCallbackContext.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jconsole/OverviewTab.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/javac/processing/ServiceProxy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/tools/StandardLocation.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/HelloExtension.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/ssl/ServerNameExtension.java
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* Interface for a list of XML attributes.
*
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*

```
* <p>This interface allows access to a list of attributes in
* three different ways:</p>
*
* <ol>
* <li>by attribute index;</li>
* <li>by Namespace-qualified name; or</li>
* <li>by qualified (prefixed) name.</li>
* </ol>
*
* <p>The list will not contain attributes that were declared
* #IMPLIED but not specified in the start tag.
 It will also not
* contain attributes used as Namespace declarations (xmlns*) unless
* the <code>http://xml.org/sax/features/namespace-prefixes</code>
* feature is set to <var>true</var> (it is <var>false</var> by
* default).
* Because SAX2 conforms to the original "Namespaces in XML"
* recommendation, it normally does not
* give namespace declaration attributes a namespace URI.
* </p>
*
* <p>Some SAX2 parsers may support using an optional feature flag
* (<code>http://xml.org/sax/features/xmlns-uris</code>) to request
* that those attributes be given URIs, conforming to a later
* backwards-incompatible revision of that recommendation.  (The
* attribute's "local name" will be the prefix, or "xmlns" when
* defining a default element namespace.)  For portability, handler
* code should always resolve that conflict, rather than requiring
* parsers that can change the setting of that feature flag.  </p>
*
* <p>If the namespace-prefixes feature (see above) is
* <var>false</var>,
 access by qualified name may not be available; if
* the <code>http://xml.org/sax/features/namespaces</code> feature is
* <var>false</var>, access by Namespace-qualified names may not be
* available.</p>
*
* <p>This interface replaces the now-deprecated SAX1 {@link
* org.xml.sax.AttributeList AttributeList} interface, which does not
* contain Namespace support.  In addition to Namespace support, it
* adds the <var>getIndex</var> methods (below).</p>
*
* <p>The order of attributes in the list is unspecified, and will
* vary from implementation to implementation.</p>
*
* @since SAX 2.0
* @author David Megginson
* @see org.xml.sax.helpers.AttributesImpl
```

* @see org.xml.sax.ext.DeclHandler#attributeDecl
*/

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/nio/ch/AbstractPollArrayWrapper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/doclets/internal/toolkit/util/ClassDocCatalog.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/javadoc/SourcePositionImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/DefaultSelectorProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/doclets/internal/toolkit/taglets/BaseExecutableMemberTaglet.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/net/ssl/HostnameVerifier.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/util/jar/pack/ClassWriter.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/reflect/UnsafeStaticFieldAccessorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/javadoc/JavadocClassReader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/transport/CorbaResponseWaitingRoomImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/nio/ch/DevPollSelectorProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/util/Context.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/doclets/internal/toolkit/taglets/BaseInlineTaglet.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/net/ssl/SSLContext.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/openmbean/CompositeData.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/openmbean/OpenMBeanAttributeInfo.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/imageio/stream/FileImageOutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/imageio/stream/MemoryCacheImageInputStream.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/SnmpUnknownMsgProcModelException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/internal/SnmpOutgoingRequest.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/internal/SnmpEngineImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/SnmpEngineId.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/doclets/Taglet.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/SnmpUnknownModelLcdException.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/LayoutManager2.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/ServerError.java

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/FileWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/AnyHolder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/TypeCodeHolder.java
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* Interface for an XML filter.
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* <blockquote>
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* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>An XML filter is like an XML reader, except that it obtains its
* events from another XML reader rather than a primary source like
* an XML document or database.  Filters can modify a stream of
* events as they pass on to the final application.</p>
*
* <p>The XMLFilterImpl helper class provides a convenient base
* for creating SAX2 filters,
 by passing on all {@link org.xml.sax.EntityResolver
* EntityResolver}, {@link org.xml.sax.DTDHandler DTDHandler},
* {@link org.xml.sax.ContentHandler ContentHandler} and {@link org.xml.sax.ErrorHandler
* ErrorHandler} events automatically.</p>
*
* @since SAX 2.0
* @author David Megginson
* @see org.xml.sax.helpers.XMLFilterImpl
*/
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zip/org/omg/CORBA/ValueBaseHelper.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/P11TlsRsaPremasterSecretGenerator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/stream/util/ThreadLocalBufferAllocator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/P11TlsPrfGenerator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/swing/plaf/gtk/GTKEngine.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XDesktopPeer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/P11TlsKeyMaterialGenerator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/Desktop.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/xs/XSMultiValueFacet.java
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zip/com/sun/org/apache/xerces/internal/xs/XSObjectList.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/model/Injector.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/LinuxFileSystemProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/MacOSXFileSystem.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/DefaultAsynchronousChannelProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/SolarisFileSystem.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/invoke/util/Wrapper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/MacOSXNativeDispatcher.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/classfile/ClassTranslator.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/MacOSXFileSystemProvider.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/sound/sampled/LineEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/sound/sampled/spi/AudioFileWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/sound/sampled/EnumControl.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/RuntimeErrorException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/IntrospectionException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/BadStringOperationException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/javax/management/InvalidAttributeValueException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/OperationsException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/sound/sampled/Clip.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/spi/servicecontext/ServiceContextData.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/spi/servicecontext/CodeSetServiceContext.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/ServiceName.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/NotCompliantMBeanException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/naming/pcosnaming/NameService.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/InstanceNotFoundException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/net/ssl/TrustManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/ServiceNotFoundException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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zip/javax/management/ListenerNotFoundException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/naming/pcosnaming/NameServer.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/NamingException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/sound/midi/Sequencer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/BadBinaryOpValueExpException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/InstanceAlreadyExistsException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/MalformedObjectNameException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/CustomMarshal.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/omg/PortableServer/portable/Delegate.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/AttributeChangeNotification.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/MBeanServerDelegateMBean.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/omg/PortableServer/DynamicImplementation.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/sound/sampled/spi/MixerProvider.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/NameClassPair.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/naming/pcosnaming/InternalBindingKey.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/corba/TypeCodeFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/sound/sampled/TargetDataLine.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/AttributeNotFoundException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/JMException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/orbutil/CacheTable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/naming/pcosnaming/NamingContextImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/ldap/LdapNameParser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/RuntimeMBeanException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/sound/sampled/FloatControl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/ldap/HasControls.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/MBeanException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/DynamicMBean.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/sound/sampled/CompoundControl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/naming/pcosnaming/PersistentBindingIterator.java
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zip/com/sun/xml/internal/bind/marshaller/NoEscapeHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/ior/IORTypeCheckRegistryImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jndi/dns/DNSDatagramSocketFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/util/SecurityProviderConstants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/java2d/marlin/IRendererContext.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/MarlinRenderer.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/print/DialogOnTop.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/xml/internal/JdkXmlFeatures.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/xml/internal/JdkXmlUtils.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/ref/FinalizerHistogram.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/xml/internal/SecuritySupport.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/spi/ior/IORTypeCheckRegistry.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xpath/internal/domapi/XPathNamespaceImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xpath/internal/XPathVisitor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/bcel/internal/util/SecuritySupport.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xml/internal/utils/ObjectVector.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xpath/internal/compiler/OpMapVector.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xpath/internal/XPathVisitable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xalan/internal/utils/SecuritySupport.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xml/internal/utils/Hashtree2Node.java
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/**
* This interface is used to report non-fatal errors.
* Only warnings should be echoed through this interface.
* @version 1.0
* @author Copyright (c) 2009 by Oracle Corporation. All Rights Reserved.
* @since 1.6
*/

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*/
/**
   * Method specifies whether the assertion data contain proprietary visibility element set to "private" value.
   *
   * @return {@code 'true'} if the attribute is present and set properly (i.e. the node containing this assertion data instance should
   * not be marshaled into generated WSDL documents). Returns {@code false} otherwise.
   */

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/policy/sourcemodel/AssertionData.java
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/**
* This interface defines a utility class for creating instances of
* XMLEvents
* @version 1.2
* @author Copyright (c) 2009 by Oracle Corporation. All Rights Reserved.
* @see javax.xml.stream.events.StartElement
* @see javax.xml.stream.events.EndElement
* @see javax.xml.stream.events.ProcessingInstruction
* @see javax.xml.stream.events.Comment
* @see javax.xml.stream.events.Characters
* @see javax.xml.stream.events.StartDocument
* @see javax.xml.stream.events.EndDocument
* @see javax.xml.stream.events.DTD
* @since 1.6
*/
```

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/**
    * Sets the selection model's {@code valueIsAdjusting} property. When
    * {@code true}, upcoming changes to selection should be considered part
    * of a single change. This property is used internally and developers
    * typically need not call this method. For example, when the model is being
    * updated in response to a user drag, the value of the property is set
    * to {@code true} when the drag is initiated and set to {@code false}
    * when the drag is finished. This allows listeners to update only
    * when a change has been finalized, rather than handling all of the
    * intermediate values.
    * <p>
    * You may want to use this directly if making a series of changes
     * that should be considered part of a single change.
    * <p>
    * This is a cover method that delegates to the method of the same name on
    * the list's selection model. See the documentation for
    * {@link javax.swing.ListSelectionModel#setValueIsAdjusting} for
    * more details.
    *
    * @param b the new value for the property
    * @see ListSelectionModel#setValueIsAdjusting
    * @see javax.swing.event.ListSelectionEvent#getValueIsAdjusting
    * @see #getValueIsAdjusting
    */
```

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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/internal/util/KrbDataInputStream.java
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* questions.
*/
/**
* Receive notification of basic DTD-related events.
*

```
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>If a SAX application needs information about notations and
* unparsed entities, then the application implements this
* interface and registers an instance with the SAX parser using
* the parser's setDTDHandler method.  The parser uses the
* instance to report notation and unparsed entity declarations to
* the application.</p>
*
* <p>Note that this interface includes only
 those DTD events that
* the XML recommendation <em>requires</em> processors to report:
* notation and unparsed entity declarations.</p>
*
* <p>The SAX parser may report these events in any order, regardless
* of the order in which the notations and unparsed entities were
* declared; however, all DTD events must be reported after the
* document handler's startDocument event, and before the first
* startElement event.
* (If the {@link org.xml.sax.ext.LexicalHandler LexicalHandler} is
* used, these events must also be reported before the endDTD event.)
* </p>
*
* <p>It is up to the application to store the information for
* future use (perhaps in a hash table or object tree).
* If the application encounters attributes of type "NOTATION",
* "ENTITY", or "ENTITIES", it can use the information that it
* obtained through this interface to find the entity and/or
* notation corresponding with the attribute value.</p>
*
* @since SAX 1.0
* @author David Megginson
* @see org.xml.sax.XMLReader#setDTDHandler
 */
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xpath/internal/compiler/XPathParser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xpath/internal/compiler/Compiler.java
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/**

```
        * A speculative cache is used to keep track of all overload resolution rounds
        * that triggered speculative attribution on a given deferred type. Each entry
        * stores a pointer to the speculative tree and the resolution phase in which the entry
        * has been added.
        */
/**
        * Get the type that has been computed during a speculative attribution round
        */
/**
        * Check a deferred type against a potential target-type. Depending on
        * the current attribution mode, a normal vs. speculative attribution
        * round is performed on the underlying AST node. There can be only one
        * speculative round for a given target method symbol;
 moreover, a normal
        * attribution round must follow one or more speculative rounds.
        */
/**
        * Entry point for type-checking a deferred type. Depending on the
        * circumstances, type-checking could amount to full attribution
        * or partial structural check (aka potential applicability).
        */
/**
    * A basic completer for deferred types. This completer type-checks a deferred type
    * using attribution; depending on the attribution mode, this could be either standard
    * or speculative attribution.
    */
/**
    * A deferred context is created on each method check. A deferred context is
    * used to keep track of information associated with the method check, such as
    * the symbol of the method being checked, the overload resolution phase,
    * the kind of attribution mode to be applied to deferred types and so forth.
    * As deferred types are processed (by the method check routine) stuck AST nodes
    * are added (as
 new deferred attribution nodes) to this context. The complete()
    * routine makes sure that all pending nodes are properly processed, by
    * progressively instantiating all inference variables on which one or more
    * deferred attribution node is stuck.
    */
/** attribution mode */
/** list of deferred attribution nodes to be processed */
/**
        * Adds a node to the list of deferred attribution nodes - used by Resolve.rawCheckArgumentsApplicable
        * Nodes added this way act as 'roots' for the out-of-order method checking process.
        */
//attribution round can add new nodes to the list
/**
    * Class representing a deferred attribution node. It keeps track of
    * a deferred type, along with the expected target type information.
```

```
   */
/**
       * Process a deferred attribution node.
       * Invariant: a stuck node cannot be processed.
       */
/* we need to attribute the lambda body before
                    * doing the aliveness analysis.
 This is because
                    * constant folding occurs during attribution
                    * and the reachability of some statements depends
                    * on constant values, for example:
                    *
                    *     while (true) {...}
                    */
/** an empty deferred attribution context - all methods throw exceptions */
/**
   * Map a list of types possibly containing one or more deferred types
   * into a list of ordinary types. Each deferred type D is mapped into a type T,
   * where T is computed by retrieving the type that has already been
   * computed for D during a previous deferred attribution round of the given kind.
   */
/**
   * Specialized recovery deferred mapping.
   * Each deferred type D is mapped into a type T, where T is computed either by
   * (i) retrieving the type that has already been computed for D during a previous
   * attribution round (as before), or (ii)
 by synthesizing a new type R for D
   * (the latter step is useful in a recovery scenario).
   */
/**
   * The kind of an argument expression. This is used by the analysis that
   * determines as to whether speculative attribution is necessary.
   */
/**
   * Tree scanner used for checking as to whether an argument expression
   * requires speculative attribution
   */
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/comp/DeferredAttr.java
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// table, to be retrieved later in memberEnter and attribution.

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/comp/Enter.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jmx/remote/internal/ClientListenerInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jmx/remote/security/MBeanServerAccessController.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ByteBuffered.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/font/Type1GlyphMapper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/font/CompositeFont.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/datatransfer/FlavorEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/sun/management/snmp/jvmmib/JvmMemoryMeta.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/launcher/version_comp.c
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/security/sasl/ServerFactoryImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jmx/remote/internal/ArrayQueue.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/sql/rowset/spi/SyncProviderException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/font/TrueTypeGlyphMapper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/management/snmp/util/SnmpCachedData.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/accessibility/AccessibleExtendedText.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/management/snmp/jvminstr/JvmRuntimeImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/font/NativeFont.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/MotifColorUtilities.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/management/snmp/util/JvmContextFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/SimpleEUCEncoder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/presentation/rmi/StubInvocationHandlerImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/presentation/rmi/IDLTypesUtil.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jmx/remote/internal/NotificationBuffer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/management/counter/perf/PerfStringCounter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/reflect/generics/factory/GenericsFactory.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/beans/WildcardTypeImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/accessibility/AccessibleStreamable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/java2d/opengl/OGLTextRenderer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/presentation/rmi/ReflectiveTie.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/font/FontFamily.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/datatype/Duration.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/ISO2022_CN.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/namespace/QName.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/management/snmp/util/SnmpLoadedClassData.java
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/datatype/XMLGregorianCalendar.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/metal/OceanTheme.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/font/FontStrikeDisposer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/font/CompositeGlyphMapper.java
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*/
/**
   * A marker interface for keystore protection parameters.
   *
   * <p> The information stored in a {@code ProtectionParameter}
   * object protects the contents of a keystore.
   * For example, protection parameters may be used to check
   * the integrity of keystore data, or to protect the
   * confidentiality of sensitive keystore data
   * (such as a {@code PrivateKey}).
   *
   * @since 1.5
   */
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/protocol/giopmsgheaders/Message_1_1.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/parsers/XML11Configuration.java
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/**
* An interface for handling Notation Declarations
*
* Receive notification of a notation declaration event.
* It is up to the application to record the notation for later reference,
* At least one of publicId and systemId must be non-null.
* There is no guarantee that the notation declaration
* will be reported before any unparsed entities that use it.
*
* @version 1.0
* @author Copyright (c) 2009 by Oracle Corporation. All Rights Reserved.
* @since 1.6
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/stream/events/NotationDeclaration.java
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*/
/**
    * Returns an array containing all of the elements in this deque, in
    * proper sequence (from first to last element).
    *
    * <p>The returned array will be "safe" in that no references to it are
    * maintained by this deque.  (In other words, this method must allocate
    * a new array).  The caller is thus free to modify the returned
 array.
    *
    * <p>This method acts as bridge between array-based and collection-based
    * APIs.
    *
    * @return an array containing all of the elements in this deque
    */
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/ConcurrentLinkedDeque.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/api/BasicJavacTask.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/io/ValueHandlerImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/util/RepositoryId.java
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*/
/**
   * Creates a new {@link GeneratorAdapter}. <i>Subclasses must not use this
   * constructor</i>. Instead, they must use the
   * {@link #GeneratorAdapter(int, MethodVisitor, int, String, String)}
   * version.
   *
   * @param mv
   *          the method visitor to which this adapter delegates calls.
   * @param access
   *          the method's access flags (see {@link Opcodes}).
   * @param name
   *          the method's name.
   * @param desc
   *          the method's descriptor (see {@link Type Type}).
   * @throws IllegalStateException
   *           If a subclass calls this constructor.
   */
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/internal/org/objectweb/asm/commons/GeneratorAdapter.java
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*/
/**
* This is an implementation of a Sun proprietary, exportable algorithm
* intended for use when protecting (or recovering the cleartext version of)
* sensitive keys.
* This algorithm is not intended as a general purpose cipher.
*
* This is how the algorithm works for key protection:
*
* p - user password
* s - random salt
* X - xor key
* P - to-be-protected key
* Y - protected key
* R - what gets stored in the keystore
*
* Step 1:
* Take the user's password, append a random salt (of fixed size) to it,
* and hash it: d1 = digest(p, s)
* Store d1 in X.
*
* Step 2:
* Take the user's password, append the digest result from the previous step,
* and hash it: dn = digest(p, dn-1).
* Store
```

```
 dn in X (append it to the previously stored digests).
* Repeat this step until the length of X matches the length of the private key
* P.
*
* Step 3:
* XOR X and P, and store the result in Y: Y = X XOR P.
*
* Step 4:
* Store s, Y, and digest(p, P) in the result buffer R:
* R = s + Y + digest(p, P), where "+" denotes concatenation.
* (NOTE: digest(p, P) is stored in the result buffer, so that when the key is
* recovered, we can check if the recovered key indeed matches the original
* key.) R is stored in the keystore.
*
* The protected key is recovered as follows:
*
* Step1 and Step2 are the same as above, except that the salt is not randomly
* generated, but taken from the result R of step 4 (the first length(s)
* bytes).
*
* Step 3 (XOR operation) yields the plaintext key.
*
* Then concatenate the password with the recovered key, and compare with the
* last length(digest(p, P)) bytes of R. If they match, the recovered key is
* indeed the same key as the original
 key.
*
* @author Jan Luehe
*
*
* @see java.security.KeyStore
* @see JavaKeyStore
* @see KeyTool
*
* @since 1.2
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/iw/JavaTimeSupplementary_iw_IL.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/rngom/ast/builder/Scope.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/rngom/binary/PatternBuilder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/rngom/xml/util/WellKnownNamespaces.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/rngom/parse/host/NameClassBuilderHost.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/rngom/digested/DZeroOrMorePattern.java
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zip/com/sun/xml/internal/rngom/xml/util/EncodingMap.java
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*/
/**
* Encapsulate Namespace logic for use by SAX drivers.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
*
* <p>This class encapsulates the logic of Namespace processing:
* it tracks the declarations currently in force for each context
* and automatically processes qualified XML 1.0 names into their
* Namespace parts; it can also be used in reverse for generating
* XML 1.0 from Namespaces.</p>
*
* <p>Namespace support objects are reusable, but the reset method
* must be invoked between each session.</p>
*
```

```
* <p>Here is a simple session:</p>
*
* <pre>
* String parts[] = new
 String[3];
* NamespaceSupport support = new NamespaceSupport();
*
* support.pushContext();
* support.declarePrefix("", "http://www.w3.org/1999/xhtml");
* support.declarePrefix("dc", "http://www.purl.org/dc#");
*
* String parts[] = support.processName("p", parts, false);
* System.out.println("Namespace URI: " + parts[0]);
* System.out.println("Local name: " + parts[1]);
* System.out.println("Raw name: " + parts[2]);

* String parts[] = support.processName("dc:title", parts, false);
* System.out.println("Namespace URI: " + parts[0]);
* System.out.println("Local name: " + parts[1]);
* System.out.println("Raw name: " + parts[2]);

* support.popContext();
* </pre>
*
* <p>Note that this class is optimized for the use case where most
* elements do not contain Namespace declarations: if the same
* prefix/URI mapping is repeated for each context (for example), this
* class will be somewhat less efficient.</p>
*
* @author David Megginson
* @author WS Development Team
*/
```

Found
 in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/util/NamespaceSupport.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/print/ServiceNotifier.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/LocalObject.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/sql/RowSetInternal.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/provider/certpath/State.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/nio/channels/GatheringByteChannel.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/print/PSStreamPrinterFactory.java
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zip/org/omg/CORBA/WrongTransactionHelper.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/invoke/VolatileCallSite.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/lang/model/type/UnionType.java
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/**
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* This is the top level interface for parsing XML Events.  It provides
* the ability to peek at the next event and returns configuration
* information through the property interface.
*
* @version 1.0
* @author Copyright (c) 2009 by Oracle Corporation. All Rights Reserved.
* @see XMLInputFactory
* @see XMLEventWriter
* @since 1.6
```

*/

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/x11/X11PMBlitBgLoops.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/text/SegmentCache.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/comp/Todo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/motif/X11CNS11643.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/image/SunWritableRaster.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/native2ascii/N2AFilter.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xpath/internal/domapi/XPathResultImpl.java
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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/jaxp/validation/StAXValidatorHelper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/net/www/protocol/http/spnego/NegotiateCallbackHandler.java
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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/jgss/LoginConfigImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/tools/KeyStoreUtil.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/XMLStreamReaderImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/DHCrypt.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/rmi/transport/ConnectionInputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/DerInputStream.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/ObjectIdentifier.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/MessageDigest.java
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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/server/UnicastRef.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/transport/Target.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs/PKCS8Key.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/registry/RegistryImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/provider/SunEntries.java
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/** Return a resolver that uses the proprietary bootstrap protocol
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   * information from the ORB.
   */

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/remote/TargetedNotification.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XEmbedCanvasPeer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/code/Attribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/wrapper/CK_RSA_PKCS_PSS_PARAMS.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/P11PSSSignature.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/AbstractAlgorithmConstraints.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/channels/AlreadyBoundException.java
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zip/sun/text/normalizer/NormalizerDataReader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/normalizer/UCharacterProperty.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/normalizer/UCharacterPropertyReader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/normalizer/UTF16.java
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zip/org/omg/CORBA/StringValueHelper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/ObjectHelper.java
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*/
/**
* Extended interface for mapping external entity references to input
* sources, or providing a missing external subset.  The
* {@link XMLReader#setEntityResolver XMLReader.setEntityResolver()} method
* is used to provide implementations of this interface to parsers.
* When a parser uses the methods in this interface, the
* {@link EntityResolver2#resolveEntity EntityResolver2.resolveEntity()}
* method (in this interface) is used <em>instead of</em> the older (SAX 1.0)
* {@link EntityResolver#resolveEntity EntityResolver.resolveEntity()} method.
*
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*
 </blockquote>
*
* <p>If a SAX application requires the customized handling which this
* interface defines for external entities, it must ensure that it uses
* an XMLReader with the
* <em>http://xml.org/sax/features/use-entity-resolver2</em> feature flag
* set to <em>true</em> (which is its default value when the feature is
* recognized).  If that flag is unrecognized, or its value is false,
* or the resolver does not implement this interface, then only the
* {@link EntityResolver} method will be used.
* </p>
*
* <p>That supports three categories of application that modify entity
* resolution.  <em>Old Style</em> applications won't know about this interface;
* they will provide an EntityResolver.
* <em>Transitional Mode</em> provide an EntityResolver2 and automatically
* get the benefit of its methods in any systems (parsers or other tools)
* supporting it, due to polymorphism.
* Both <em>Old Style</em> and <em>Transitional Mode</em> applications will
* work with any
```

SAX2 parser.
* New style applications will fail to run except on SAX2 parsers
* that support this particular feature.
* They will insist that feature flag have a value of "true", and the
* EntityResolver2 implementation they provide might throw an exception
* if the original SAX 1.0 style entity resolution method is invoked.
* </p>
*
* @see org.xml.sax.XMLReader#setEntityResolver
*
* @since SAX 2.0 (extensions 1.1 alpha)
* @author David Brownell
*/

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*/
/**
* Execute the proprietary document-location() function, which returns
* a node set of documents.
* @xsl.usage advanced
*/

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zip/java/time/temporal/UnsupportedTemporalTypeException.java
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zip/com/sun/tools/jdi/PrimitiveValueImpl.java
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zip/com/sun/jmx/snmp/SnmpPduFactoryBER.java
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zip/sun/java2d/cmm/ProfileDeferralInfo.java
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/**
* Adapt a SAX2 XMLReader as a SAX1 Parser.
*
* <blockquote>
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* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This class wraps a SAX2 {@link org.xml.sax.XMLReader XMLReader}
* and makes it act as a SAX1 {@link org.xml.sax.Parser Parser}.  The XMLReader
* must support a true value for the
* http://xml.org/sax/features/namespace-prefixes property or parsing will fail
* with a {@link org.xml.sax.SAXException SAXException}; if the XMLReader
 * supports a false value for the http://xml.org/sax/features/namespaces
* property, that will also be used to improve efficiency.</p>
*
* @since SAX 2.0
* @author David Megginson
* @see org.xml.sax.Parser
* @see org.xml.sax.XMLReader
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/xml/sax/helpers/XMLReaderAdapter.java
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zip/com/sun/org/apache/xerces/internal/impl/xs/identity/XPathMatcher.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/xs/identity/Selector.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/xs/identity/ValueStore.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/AccessControlContext.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/JTree.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/swing/plaf/motif/MotifFileChooserUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/basic/BasicBorders.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/basic/BasicDesktopPaneUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/JTextArea.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/ReasonFlags.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/DESedeKey.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/AbstractButton.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/JInternalFrame.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/KeyUsageExtension.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/basic/BasicLabelUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/DESKey.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/org/objectweb/asm/Frame.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/org/objectweb/asm/AnnotationWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/org/objectweb/asm/Edge.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/org/objectweb/asm/MethodWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/org/objectweb/asm/FieldWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/org/objectweb/asm/Opcodes.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/org/objectweb/asm/Handler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/org/objectweb/asm/Attribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/org/objectweb/asm/ByteVector.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/org/objectweb/asm/ClassVisitor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/org/objectweb/asm/ClassAdapter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/org/objectweb/asm/Item.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/org/objectweb/asm/ClassReader.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/org/objectweb/asm/FieldVisitor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/org/objectweb/asm/Label.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/org/objectweb/asm/MethodVisitor.java
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/**
   * Creates an NTLM Client instance.
   * @param version the NTLM version to use, which can be:
   * <ul>
   * <li>LM/NTLM: Original NTLM v1
   * <li>LM: Original NTLM v1, LM only
   * <li>NTLM: Original NTLM v1, NTLM only
   * <li>NTLM2: NTLM v1 with Client Challenge
   * <li>LMv2/NTLMv2: NTLM v2
   * <li>LMv2: NTLM v2, LM only
   * <li>NTLMv2: NTLM v2, NTLM only
   * </ul>
   * If null, "LMv2/NTLMv2" will be used.
   * @param hostname hostname of the client, can be null
   * @param username username to be authenticated, must not be null
   * @param domain domain of {@code username}, can be null
   * @param password password for {@code username}, must not be not null.
```

```
    * This method does not make any modification to this parameter, it neither
    * needs to access the content of this parameter after this method call,
    * so you are free to modify or nullify this parameter after this call.
    * @throws NTLMException if {@code username} or {@code password} is null,
    * or {@code version} is illegal.
    *
    */
```

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*/
/**
    * Returns an array containing all of the elements in this deque, in
```

```
   * proper sequence (from first to last element).
   *
   * <p>The returned array will be "safe" in that no references to it are
   * maintained by this deque.  (In other words, this method must allocate
   * a new array).  The caller is thus free to modify the returned array.
   *
    * <p>This method acts as bridge between array-based and collection-based
   * APIs.
   *
   * @return an array containing all of the elements in this deque
   */
```

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* @since 1.6
*/

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/NoSuchFieldError.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/ThreadDeath.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/Dimension.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/CloneNotSupportedException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/InterruptedException.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/Point.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/IndexOutOfBoundsException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/InstantiationException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/NoSuchMethodException.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/IllegalAccessException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/Compiler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/IllegalMonitorStateException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/IllegalAccessError.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/UTFDataFormatException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/UnknownError.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/ClassCircularityError.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/metal/MetalFontDesktopProperty.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/api/JavacScope.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/tools/FileObject.java

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/**
* Thrown to indicate that the requested class has
* not yet been loaded through the appropriate class loader.
* <p>
* Due to the lazy class linking performed by many VMs, it is
* possible for a field or variable to be visible in a program
* before the associated class is loaded. Until the class is loaded
* all that is available is a signature string. If an attempt is made to
* set the value of such a field or variable from JDI, the appropriate

```
* type checking cannot be done because the destination class has not been
* loaded. The same is true for the element class of array elements.
* <p>
* It is not advisable to solve this problem by attempting a class load on
* the fly in this case. There
 are two problems in having the debugger load
* a class instead of waiting for it to load over the normal course
* of events.
* <ul>
* <li>There can be no guarantee that running the appropriate class
* loader won't cause a deadlock in loading the
* class. Class loaders can consist of arbitrary
* Java<sup><font size=-2>TM</font></sup> programming language code and the
* class loading methods are usually synchronized. Most of the work
* done by a debugger happens when threads are suspended. If another
* application thread is suspended within the same class loader,
*  a deadlock is very possible.
* <li>Changing the order in which classes are normally loaded may either mask
* or reveal bugs in the application. An unintrusive debugger should strive
* to leave unchanged the behavior of the application being debugged.
* </ul>
* To avoid these potential problems, this exception is thrown.
* <p>
* Note that this exception will be thrown until the class in question
* is visible
 to the class loader of enclosing class. (That is, the
* class loader of the enclosing class must be an <i>initiating</i> class
* loader for the class in question.)
* See
* <cite>The Java&trade; Virtual Machine Specification</cite>
* for more details.
*
* @author Gordon Hirsch
* @since  1.3
*/
```

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*/

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/media/sound/StandardMidiFileWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/comp/Env.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/CompoundName.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/security/auth/SolarisNumericGroupPrincipal.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/loading/MLet.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/im/CompositionAreaHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/DebugSettings.java
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/media/sound/JavaSoundAudioClip.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/security/auth/callback/ConfirmationCallback.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/ThreadListener.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/sound/sampled/AudioFormat.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/MBeanInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/media/sound/AbstractMidiDevice.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/imageio/spi/ImageReaderSpi.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/MBeanServerNotification.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/media/sound/AiffFileWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/media/sound/SunCodec.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/AbstractLauncher.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/toolkit/ctx/Continuation.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/audio/AudioPlayer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/BadAttributeValueExpException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/SunJSSE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jdi/InternalException.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/peer/MenuItemPeer.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/peer/ScrollbarPeer.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/beans/editors/ByteEditor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/Reader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/provider/MD5.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/beans/editors/FontEditor.java
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* questions.
*/
/**
* Receive notification of basic DTD-related events.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>If a SAX application needs information about notations and
* unparsed entities, then the application implements this
* interface and registers an instance with the SAX parser using
* the parser's setDTDHandler method.  The parser uses the
* instance to report notation and unparsed entity declarations to
* the application.</p>
```

```
*
* <p>Note that this interface includes only
 those DTD events that
* the XML recommendation <em>requires</em> processors to report:
* notation and unparsed entity declarations.</p>
*
* <p>The SAX parser may report these events in any order, regardless
* of the order in which the notations and unparsed entities were
* declared; however, all DTD events must be reported after the
* document handler's startDocument event, and before the first
* startElement event.
* (If the {@link org.xml.sax.ext.LexicalHandler LexicalHandler} is
* used, these events must also be reported before the endDTD event.)
* </p>
*
* <p>It is up to the application to store the information for
* future use (perhaps in a hash table or object tree).
* If the application encounters attributes of type "NOTATION",
* "ENTITY", or "ENTITIES", it can use the information that it
* obtained through this interface to find the entity and/or
* notation corresponding with the attribute value.</p>
*
* @since SAX 1.0
* @author David Megginson
* @see org.xml.sax.XMLReader#setDTDHandler
 */
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/internal/org/xml/sax/DTDHandler.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/Exchanger.java
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/**
* An interface for comment events
*
* @version 1.0
* @author Copyright (c) 2009 by Oracle Corporation. All Rights Reserved.
* @since 1.6
*/

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/stream/events/Comment.java
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*/
/**
   * Returns an array containing all of the elements in this set.
   * If this set makes any guarantees as to what order its elements
   * are returned by its iterator, this method must return the
   * elements in the same order.
   *
   * <p>The returned array will be "safe" in that no references to it
   * are maintained by this set.  (In other words, this method must
   * allocate a new array even if this set is backed by an array).
   * The caller is thus free to modify the returned array.
   *
   * <p>This method acts as bridge between array-based and collection-based
   * APIs.
   *
   * @return an array containing all the elements in this set
   */
```

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*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/Set.java

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/SubjectInfoAccessExtension.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/swing/SwingAccessor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/FcFontManager.java
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zip/com/sun/org/apache/xerces/internal/jaxp/SAXParserFactoryImpl.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/jaxp/DocumentBuilderFactoryImpl.java
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zip/sun/management/jmxremote/ConnectorBootstrap.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/doclets/internal/toolkit/AbstractDoclet.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/jca/ProviderConfig.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/AbstractStringBuilder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/provider/NativePRNG.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/remote/util/EnvHelp.java
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/doclets/internal/toolkit/builders/AbstractBuilder.java
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/**
   * Returns the names of the cipher suites which could be enabled for use
   * on an SSL connection.  Normally, only a subset of these will actually
   * be enabled by default, since this list may include cipher suites which
   * do not support the mutual authentication of servers and clients, or
   * which do not protect data confidentiality.  Servers may also need
   * certain kinds of certificates to use certain cipher suites.
   *
   * @return an array of cipher suite names
   */
/**
   * Returns the names of the SSL cipher suites which are currently enabled
   * for use on this connection.  When an SSL engine is first created,
   * all enabled cipher suites <em>(a)</em> protect
```

```
 data confidentiality,
    * by traffic encryption, and <em>(b)</em> can mutually authenticate
    * both clients and servers.  Thus, in some environments, this value
    * might be empty.
    *
    * @return an array of cipher suite names
    */
```

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zip/com/sun/corba/se/impl/oa/toa/TransientObjectManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/corba/NamedValueImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/util/LocatorProxy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/jaxp/validation/XMLSchema.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/xpointer/XPointerProcessor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/jaxp/validation/XMLSchemaValidatorComponentManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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zip/com/sun/org/apache/xerces/internal/jaxp/validation/SimpleXMLSchema.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/xpointer/XPointerErrorHandler.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/parsers/XIncludeAwareParserConfiguration.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/parsers/XPointerParserConfiguration.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/util/DatatypeMessageFormatter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/xpointer/XPointerMessageFormatter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/jaxp/JAXPValidatorComponent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/jaxp/validation/ReadOnlyGrammarPool.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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zip/com/sun/org/apache/xerces/internal/xs/datatypes/XSQName.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/util/DOMInputSource.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/util/SAXLocatorWrapper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/jaxp/validation/WeakReferenceXMLSchema.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/util/ErrorHandlerProxy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/xs/traversers/SchemaContentHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/jaxp/validation/AbstractXMLSchema.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/jaxp/validation/DOMResultBuilder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/util/AttributesProxy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/xpointer/XPointerPart.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/xs/datatypes/XSDecimal.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/jaxp/validation/XSGrammarPoolContainer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/xpointer/XPointerHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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zip/com/sun/org/apache/xerces/internal/jaxp/validation/DOMDocumentHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/jaxp/TeeXMLDocumentFilterImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/xpointer/ElementSchemePointer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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zip/com/sun/org/apache/xerces/internal/jaxp/datatype/DatatypeFactoryImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/jaxp/UnparsedEntityHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/jaxp/validation/ValidatorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/jaxp/validation/DOMResultAugmentor.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/Number.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/Exception.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/SequenceInputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/TransferProtocolClient.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/ArithmeticException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/FilterOutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/www/MimeTable.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/OutOfMemoryError.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/NullPointerException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/InternalError.java
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*/
/**
* This is a special exception that is used to stop parsing when
* search for an element. For instance, when searching for xml:stylesheet
* PIs, it is used to stop the parse once the document element is found.
* @see StylesheetPIHandler
* @xsl.usage internal
*/

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xml/internal/utils/StopParseException.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/NoSuchMethodError.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/AbstractMethodError.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/NoClassDefFoundError.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/ClassFormatError.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/EmptyStackException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/TelnetProtocolException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/UnsatisfiedLinkError.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/lang/IncompatibleClassChangeError.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/StackOverflowError.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/lang/IllegalThreadStateException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/FileNotFoundException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/lang/ArrayIndexOutOfBoundsException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/lang/NegativeArraySizeException.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/ldap/ClientId.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javah/TypeSignature.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/ISCII91.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/GB18030.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/ldap/pool/Pool.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/CRLDistributionPointsExtension.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/ldap/pool/Connections.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/BlockCipherParamsCore.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/ldap/pool/PoolCleaner.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/ldap/ServiceLocator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/ExpiringCache.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/DistributionPoint.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/AESParameters.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/synth/SynthGraphicsUtils.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XPanelPeer.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/ftp/FtpClientProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/zip/ZipCoder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/management/PlatformLoggingMXBean.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/invoke/empty/Empty.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/security/sasl/ExternalClient.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/text/GlyphView.java

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*/
/**
* Class supporting any PKCS9 attributes.
* Supports DER decoding/encoding and access to attribute values.
*
* <a name="classTable"><h3>Type/Class Table</h3></a>
* The following table shows the correspondence between
* PKCS9 attribute types and value component classes.
* For types not listed here, its name is the OID
* in string form, its value is a (single-valued)
* byte array that is the SET's encoding.
*
* <P>
* <TABLE BORDER CELLPADDING=8 ALIGN=CENTER>
*
* <TR>
* <TH>Object Identifier</TH>
* <TH>Attribute Name</TH>
* <TH>Type</TH>
* <TH>Value Class</TH>
* </TR>
*
```

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* <TR>
* <TD>1.2.840.113549.1.9.1</TD>
* <TD>EmailAddress</TD>
* <TD>Multi-valued</TD>
* <TD><code>String[]</code></TD>
 * </TR>
*
* <TR>
* <TD>1.2.840.113549.1.9.2</TD>
* <TD>UnstructuredName</TD>
* <TD>Multi-valued</TD>
* <TD><code>String[]</code></TD>
* </TR>
*
* <TR>
* <TD>1.2.840.113549.1.9.3</TD>
* <TD>ContentType</TD>
* <TD>Single-valued</TD>
* <TD><code>ObjectIdentifier</code></TD>
* </TR>
*
* <TR>
* <TD>1.2.840.113549.1.9.4</TD>
* <TD>MessageDigest</TD>
* <TD>Single-valued</TD>
* <TD><code>byte[]</code></TD>
* </TR>
*
* <TR>
* <TD>1.2.840.113549.1.9.5</TD>
* <TD>SigningTime</TD>
* <TD>Single-valued</TD>
* <TD><code>Date</code></TD>
* </TR>
*
* <TR>
* <TD>1.2.840.113549.1.9.6</TD>
* <TD>Countersignature</TD>
* <TD>Multi-valued</TD>
* <TD><code>SignerInfo[]</code></TD>
* </TR>
*
* <TR>
* <TD>1.2.840.113549.1.9.7</TD>
* <TD>ChallengePassword</TD>
* <TD>Single-valued</TD>
* <TD><code>String</code></TD>
* </TR>
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```
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* <TR>
* <TD>1.2.840.113549.1.9.8</TD>
* <TD>UnstructuredAddress</TD>
* <TD>Single-valued</TD>
* <TD><code>String</code></TD>
* </TR>
 *
* <TR>
* <TD>1.2.840.113549.1.9.9</TD>
* <TD>ExtendedCertificateAttributes</TD>
* <TD>Multi-valued</TD>
* <TD>(not supported)</TD>
* </TR>
*
* <TR>
* <TD>1.2.840.113549.1.9.10</TD>
* <TD>IssuerAndSerialNumber</TD>
* <TD>Single-valued</TD>
* <TD>(not supported)</TD>
* </TR>
*
* <TR>
* <TD>1.2.840.113549.1.9.{11,12}</TD>
* <TD>RSA DSI proprietary</TD>
* <TD>Single-valued</TD>
* <TD>(not supported)</TD>
* </TR>
*
* <TR>
* <TD>1.2.840.113549.1.9.13</TD>
* <TD>S/MIME unused assignment</TD>
* <TD>Single-valued</TD>
* <TD>(not supported)</TD>
* </TR>
*
* <TR>
* <TD>1.2.840.113549.1.9.14</TD>
* <TD>ExtensionRequest</TD>
* <TD>Single-valued</TD>
* <TD>CertificateExtensions</TD>
* </TR>
*
* <TR>
* <TD>1.2.840.113549.1.9.15</TD>
* <TD>SMIMECapability</TD>
* <TD>Single-valued</TD>
* <TD>(not supported)</TD>
```

```
* </TR>
*
* <TR>
* <TD>1.2.840.113549.1.9.16.2.12</TD>
* <TD>SigningCertificate</TD>
* <TD>Single-valued</TD>
* <TD>SigningCertificateInfo</TD>
 * </TR>
*
* <TR>
* <TD>1.2.840.113549.1.9.16.2.14</TD>
* <TD>SignatureTimestampToken</TD>
* <TD>Single-valued</TD>
* <TD>byte[]</TD>
* </TR>
*
* </TABLE>
*
* @author Douglas Hoover
*/
// [11], [12] are RSA DSI proprietary
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs/PKCS9Attribute.java
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*/
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*/
/**
* An interface for handling Entity events.
*
* This event reports entities that have not been resolved
* and reports their replacement text unprocessed (if
* available).  This event will be reported if javax.xml.stream.isReplacingEntityReferences
* is set to false.  If javax.xml.stream.isReplacingEntityReferences is set to true
* entity references will be resolved transparently.
*
* Entities are handled in two possible ways:
*
* (1) If javax.xml.stream.isReplacingEntityReferences is set to true
* all entity references are resolved and reported as markup transparently.
* (2) If javax.xml.stream.isReplacingEntityReferences is set to false
* Entity references are reported as an EntityReference Event.
 *
* @version 1.0
* @author Copyright (c) 2009 by Oracle Corporation. All Rights Reserved.
* @since 1.6
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/stream/events/EntityReference.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/EventHandlerProxyCreator.java
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* or visit www.oracle.com if you need additional information or have any
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*/
// This class is in the Public Domain. NO WARRANTY!
/**
* Encapsulate Namespace logic for use by applications using SAX,
* or internally by SAX drivers.
*
* <blockquote>
* This module, both source code and documentation, is in the

```
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This class encapsulates the logic of Namespace processing: it
* tracks the declarations currently in force for each context and
* automatically processes qualified XML names into their Namespace
* parts; it can also be used in reverse for generating XML qnames
* from Namespaces.</p>
 *
* <p>Namespace support objects are reusable, but the reset method
* must be invoked between each session.</p>
*
* <p>Here is a simple session:</p>
*
* <pre>
* String parts[] = new String[3];
* NamespaceSupport support = new NamespaceSupport();
*
* support.pushContext();
* support.declarePrefix("", "http://www.w3.org/1999/xhtml");
* support.declarePrefix("dc", "http://www.purl.org/dc#");
*
* parts = support.processName("p", parts, false);
* System.out.println("Namespace URI: " + parts[0]);
* System.out.println("Local name: " + parts[1]);
* System.out.println("Raw name: " + parts[2]);
*
* parts = support.processName("dc:title", parts, false);
* System.out.println("Namespace URI: " + parts[0]);
* System.out.println("Local name: " + parts[1]);
* System.out.println("Raw name: " + parts[2]);
*
* support.popContext();
* </pre>
*
* <p>Note that this class is optimized for the use case where most
* elements do not contain Namespace declarations: if the same
 * prefix/URI mapping is repeated for each context (for example), this
* class will be somewhat less efficient.</p>
*
* <p>Although SAX drivers (parsers) may choose to use this class to
* implement namespace handling, they are not required to do so.
* Applications must track namespace information themselves if they
* want to use namespace information.
*
* @since SAX 2.0
```

* @author David Megginson
*/

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/xml/sax/helpers/NamespaceSupport.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/dom/DOMImplementationListImpl.java
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*/
/**
* The interface that all standard implementations of
* <code>CachedRowSet</code> must implement.
* <P>
* The reference implementation of the <code>CachedRowSet</code> interface provided
* by Oracle Corporation is a standard implementation. Developers may use this implementation
* just as it is, they may extend it, or they may choose to write their own implementations

```
* of this interface.
* <P>
* A <code>CachedRowSet</code> object is a container for rows of data
* that caches its rows in memory, which makes it possible to operate without always being
* connected to its data source. Further, it is a
* JavaBeans&trade; component and is scrollable,
* updatable, and serializable. A <code>CachedRowSet</code>
 object typically
* contains rows from a result set, but it can also contain rows from any file
* with a tabular format, such as a spread sheet.  The reference implementation
* supports getting data only from a <code>ResultSet</code> object, but
* developers can extend the <code>SyncProvider</code> implementations to provide
* access to other tabular data sources.
* <P>
* An application can modify the data in a <code>CachedRowSet</code> object, and
* those modifications can then be propagated back to the source of the data.
* <P>
* A <code>CachedRowSet</code> object is a <i>disconnected</i> rowset, which means
* that it makes use of a connection to its data source only briefly. It connects to its
* data source while it is reading data to populate itself with rows and again
* while it is propagating changes back to its underlying data source. The rest
* of the time, a <code>CachedRowSet</code> object is disconnected, including
* while its data is being modified.
 Being disconnected makes a <code>RowSet</code>
* object much leaner and therefore much easier to pass to another component.  For
* example, a disconnected <code>RowSet</code> object can be serialized and passed
* over the wire to a thin client such as a personal digital assistant (PDA).
*
*
* <h3>1.0 Creating a <code>CachedRowSet</code> Object</h3>
* The following line of code uses the default constructor for
* <code>CachedRowSet</code>
* supplied in the reference implementation (RI) to create a default
* <code>CachedRowSet</code> object.
* <PRE>
*     CachedRowSetImpl crs = new CachedRowSetImpl();
* </PRE>
* This new <code>CachedRowSet</code> object will have its properties set to the
* default properties of a <code>BaseRowSet</code> object, and, in addition, it will
* have an <code>RIOptimisticProvider</code> object as its synchronization provider.
* <code>RIOptimisticProvider</code>, one of two <code>SyncProvider</code>
* implementations included in the RI, is the
 default provider that the
* <code>SyncFactory</code> singleton will supply when no synchronization
* provider is specified.
* <P>
* A <code>SyncProvider</code> object provides a <code>CachedRowSet</code> object
* with a reader (a <code>RowSetReader</code> object) for reading data from a
```

```
* data source to populate itself with data. A reader can be implemented to read
* data from a <code>ResultSet</code> object or from a file with a tabular format.
* A <code>SyncProvider</code> object also provides
* a writer (a <code>RowSetWriter</code> object) for synchronizing any
* modifications to the <code>CachedRowSet</code> object's data made while it was
* disconnected with the data in the underlying data source.
* <P>
* A writer can be implemented to exercise various degrees of care in checking
* for conflicts and in avoiding them.
* (A conflict occurs when a value in the data source has been changed after
* the rowset populated itself with that value.)
* The <code>RIOptimisticProvider</code>
 implementation assumes there will be
* few or no conflicts and therefore sets no locks. It updates the data source
* with values from the <code>CachedRowSet</code> object only if there are no
* conflicts.
* Other writers can be implemented so that they always write modified data to
* the data source, which can be accomplished either by not checking for conflicts
* or, on the other end of the spectrum, by setting locks sufficient to prevent data
* in the data source from being changed. Still other writer implementations can be
* somewhere in between.
* <P>
* A <code>CachedRowSet</code> object may use any
* <code>SyncProvider</code> implementation that has been registered
* with the <code>SyncFactory</code> singleton. An application
* can find out which <code>SyncProvider</code> implementations have been
* registered by calling the following line of code.
* <PRE>
*     java.util.Enumeration providers = SyncFactory.getRegisteredProviders();
* </PRE>
* <P>
 * There are two ways for a <code>CachedRowSet</code> object to specify which
* <code>SyncProvider</code> object it will use.
* <UL>
*    <LI>Supplying the name of the implementation to the constructor<BR>
*    The following line of code creates the <code>CachedRowSet</code>
*    object <i>crs2</i> that is initialized with default values except that its
*    <code>SyncProvider</code> object is the one specified.
*    <PRE>
*        CachedRowSetImpl crs2 = new CachedRowSetImpl(
*                        "com.fred.providers.HighAvailabilityProvider");
*    </PRE>
*    <LI>Setting the <code>SyncProvider</code> using the <code>CachedRowSet</code>
*       method <code>setSyncProvider</code><BR>
*     The following line of code resets the <code>SyncProvider</code> object
*     for <i>crs</i>, the <code>CachedRowSet</code> object created with the
*     default constructor.
*     <PRE>
```

```
*          crs.setSyncProvider("com.fred.providers.HighAvailabilityProvider");
 *      </PRE>
* </UL>
* See the comments for <code>SyncFactory</code> and <code>SyncProvider</code> for
* more details.
*
*
* <h3>2.0 Retrieving Data from a <code>CachedRowSet</code> Object</h3>
* Data is retrieved from a <code>CachedRowSet</code> object by using the
* getter methods inherited from the <code>ResultSet</code>
* interface.  The following examples, in which <code>crs</code> is a
* <code>CachedRowSet</code>
* object, demonstrate how to iterate through the rows, retrieving the column
* values in each row.  The first example uses the version of the
* getter methods that take a column number; the second example
* uses the version that takes a column name. Column numbers are generally
* used when the <code>RowSet</code> object's command
* is of the form <code>SELECT * FROM TABLENAME</code>; column names are most
* commonly used when the command specifies columns by name.
* <PRE>
*    while (crs.next()) {
*        String name = crs.getString(1);
 *        int id = crs.getInt(2);
*        Clob comment = crs.getClob(3);
*        short dept = crs.getShort(4);
*        System.out.println(name + "  " + id + "  " + comment + "  " + dept);
*    }
* </PRE>
*
* <PRE>
*    while (crs.next()) {
*        String name = crs.getString("NAME");
*        int id = crs.getInt("ID");
*        Clob comment = crs.getClob("COM");
*        short dept = crs.getShort("DEPT");
*        System.out.println(name + "  " + id + "  " + comment + "  " + dept);
*    }
* </PRE>
* <h4>2.1 Retrieving <code>RowSetMetaData</code></h4>
* An application can get information about the columns in a <code>CachedRowSet</code>
* object by calling <code>ResultSetMetaData</code> and <code>RowSetMetaData</code>
* methods on a <code>RowSetMetaData</code> object. The following code fragment,
* in which <i>crs</i> is a <code>CachedRowSet</code> object, illustrates the process.
* The first line creates a <code>RowSetMetaData</code> object with information
 * about the columns in <i>crs</i>.  The method <code>getMetaData</code>,
* inherited from the <code>ResultSet</code> interface, returns a
* <code>ResultSetMetaData</code> object, which is cast to a
* <code>RowSetMetaData</code> object before being assigned to the variable
```

```
* <i>rsmd</i>.  The second line finds out how many columns <i>jrs</i> has, and
* the third line gets the JDBC type of values stored in the second column of
* <code>jrs</code>.
* <PRE>
*     RowSetMetaData rsmd = (RowSetMetaData)crs.getMetaData();
*     int count = rsmd.getColumnCount();
*     int type = rsmd.getColumnType(2);
* </PRE>
* The <code>RowSetMetaData</code> interface differs from the
* <code>ResultSetMetaData</code> interface in two ways.
* <UL>
*   <LI><i>It includes <code>setter</code> methods:</i> A <code>RowSet</code>
*   object uses these methods internally when it is populated with data from a
*   different <code>ResultSet</code> object.
*
*   <LI><i>It contains fewer <code>getter</code>
 methods:</i> Some
*   <code>ResultSetMetaData</code> methods to not apply to a <code>RowSet</code>
*   object. For example, methods retrieving whether a column value is writable
*   or read only do not apply because all of a <code>RowSet</code> object's
*   columns will be writable or read only, depending on whether the rowset is
*   updatable or not.
* </UL>
* NOTE: In order to return a <code>RowSetMetaData</code> object, implementations must
* override the <code>getMetaData()</code> method defined in
* <code>java.sql.ResultSet</code> and return a <code>RowSetMetaData</code> object.
*
* <h3>3.0 Updating a <code>CachedRowSet</code> Object</h3>
* Updating a <code>CachedRowSet</code> object is similar to updating a
* <code>ResultSet</code> object, but because the rowset is not connected to
* its data source while it is being updated, it must take an additional step
* to effect changes in its underlying data source. After calling the method
* <code>updateRow</code> or
 <code>insertRow</code>, a
* <code>CachedRowSet</code>
* object must also call the method <code>acceptChanges</code> to have updates
* written to the data source. The following example, in which the cursor is
* on a row in the <code>CachedRowSet</code> object <i>crs</i>, shows
* the code required to update two column values in the current row and also
* update the <code>RowSet</code> object's underlying data source.
* <PRE>
*     crs.updateShort(3, 58);
*     crs.updateInt(4, 150000);
*     crs.updateRow();
*     crs.acceptChanges();
* </PRE>
* <P>
* The next example demonstrates moving to the insert row, building a new
```

```
* row on the insert row, inserting it into the rowset, and then calling the
* method <code>acceptChanges</code> to add the new row to the underlying data
* source.  Note that as with the getter methods, the  updater methods may take
* either a column index or a column name to designate the column being acted upon.
* <PRE>
*     crs.moveToInsertRow();
 *     crs.updateString("Name", "Shakespeare");
*     crs.updateInt("ID", 10098347);
*     crs.updateShort("Age", 58);
*     crs.updateInt("Sal", 150000);
*     crs.insertRow();
*     crs.moveToCurrentRow();
*     crs.acceptChanges();
* </PRE>
* <P>
* NOTE: Where the <code>insertRow()</code> method inserts the contents of a
* <code>CachedRowSet</code> object's insert row is implementation-defined.
* The reference implementation for the <code>CachedRowSet</code> interface
* inserts a new row immediately following the current row, but it could be
* implemented to insert new rows in any number of other places.
* <P>
* Another thing to note about these examples is how they use the method
* <code>acceptChanges</code>.  It is this method that propagates changes in
* a <code>CachedRowSet</code> object back to the underlying data source,
* calling on the <code>RowSet</code> object's writer internally to write
* changes to the data source. To do this, the writer has to incur
 the expense
* of establishing a connection with that data source. The
* preceding two code fragments call the method <code>acceptChanges</code>
* immediately after calling <code>updateRow</code> or <code>insertRow</code>.
* However, when there are multiple rows being changed, it is more efficient to call
* <code>acceptChanges</code> after all calls to <code>updateRow</code>
* and <code>insertRow</code> have been made.  If <code>acceptChanges</code>
* is called only once, only one connection needs to be established.
*
* <h3>4.0 Updating the Underlying Data Source</h3>
* When the method <code>acceptChanges</code> is executed, the
* <code>CachedRowSet</code> object's writer, a <code>RowSetWriterImpl</code>
* object, is called behind the scenes to write the changes made to the
* rowset to the underlying data source. The writer is implemented to make a
* connection to the data source and write updates to it.
* <P>
* A writer is made available through an implementation of the
 * <code>SyncProvider</code> interface, as discussed in section 1,
* "Creating a <code>CachedRowSet</code> Object."
* The default reference implementation provider, <code>RIOptimisticProvider</code>,
* has its writer implemented to use an optimistic concurrency control
* mechanism. That is, it maintains no locks in the underlying database while
```

```
* the rowset is disconnected from the database and simply checks to see if there
* are any conflicts before writing data to the data source.  If there are any
* conflicts, it does not write anything to the data source.
* <P>
* The reader/writer facility
* provided by the <code>SyncProvider</code> class is pluggable, allowing for the
* customization of data retrieval and updating. If a different concurrency
* control mechanism is desired, a different implementation of
* <code>SyncProvider</code> can be plugged in using the method
* <code>setSyncProvider</code>.
* <P>
* In order to use the optimistic concurrency control routine,
 the
* <code>RIOptismisticProvider</code> maintains both its current
* value and its original value (the value it had immediately preceding the
* current value). Note that if no changes have been made to the data in a
* <code>RowSet</code> object, its current values and its original values are the same,
* both being the values with which the <code>RowSet</code> object was initially
* populated.  However, once any values in the <code>RowSet</code> object have been
* changed, the current values and the original values will be different, though at
* this stage, the original values are still the initial values. With any subsequent
* changes to data in a <code>RowSet</code> object, its original values and current
* values will still differ, but its original values will be the values that
* were previously the current values.
* <P>
* Keeping track of original values allows the writer to compare the <code>RowSet</code>
* object's original value with the value in the database. If
 the values in
* the database differ from the <code>RowSet</code> object's original values, which means that
* the values in the database have been changed, there is a conflict.
* Whether a writer checks for conflicts, what degree of checking it does, and how
* it handles conflicts all depend on how it is implemented.
*
* <h3>5.0 Registering and Notifying Listeners</h3>
* Being JavaBeans components, all rowsets participate in the JavaBeans event
* model, inheriting methods for registering listeners and notifying them of
* changes from the <code>BaseRowSet</code> class.  A listener for a
* <code>CachedRowSet</code> object is a component that wants to be notified
* whenever there is a change in the rowset.  For example, if a
* <code>CachedRowSet</code> object contains the results of a query and
* those
* results are being displayed in, say, a table and a bar graph, the table and
* bar graph could be registered as listeners with the rowset so that they can
* update themselves
 to reflect changes. To become listeners, the table and
* bar graph classes must implement the <code>RowSetListener</code> interface.
* Then they can be added to the <Code>CachedRowSet</code> object's list of
* listeners, as is illustrated in the following lines of code.
```

```
* <PRE>
*    crs.addRowSetListener(table);
*    crs.addRowSetListener(barGraph);
* </PRE>
* Each <code>CachedRowSet</code> method that moves the cursor or changes
* data also notifies registered listeners of the changes, so
* <code>table</code> and <code>barGraph</code> will be notified when there is
* a change in <code>crs</code>.
*
* <h3>6.0 Passing Data to Thin Clients</h3>
* One of the main reasons to use a <code>CachedRowSet</code> object is to
* pass data between different components of an application. Because it is
* serializable, a <code>CachedRowSet</code> object can be used, for example,
* to send the result of a query executed by an enterprise JavaBeans component
* running in a server environment
 over a network to a client running in a
* web browser.
* <P>
* While a <code>CachedRowSet</code> object is disconnected, it can be much
* leaner than a <code>ResultSet</code> object with the same data.
* As a result, it can be especially suitable for sending data to a thin client
* such as a PDA, where it would be inappropriate to use a JDBC driver
* due to resource limitations or security considerations.
* Thus, a <code>CachedRowSet</code> object provides a means to "get rows in"
* without the need to implement the full JDBC API.
*
* <h3>7.0 Scrolling and Updating</h3>
* A second major use for <code>CachedRowSet</code> objects is to provide
* scrolling and updating for <code>ResultSet</code> objects that
* do not provide these capabilities themselves.  In other words, a
* <code>CachedRowSet</code> object can be used to augment the
* capabilities of a JDBC technology-enabled driver (hereafter called a
* "JDBC driver") when the DBMS does not provide full support
 for scrolling and
* updating. To achieve the effect of making a non-scrollble and read-only
* <code>ResultSet</code> object scrollable and updatable, a programmer
* simply needs to create a <code>CachedRowSet</code> object populated
* with that <code>ResultSet</code> object's data.  This is demonstrated
* in the following code fragment, where <code>stmt</code> is a
* <code>Statement</code> object.
* <PRE>
*    ResultSet rs = stmt.executeQuery("SELECT * FROM EMPLOYEES");
*    CachedRowSetImpl crs = new CachedRowSetImpl();
*    crs.populate(rs);
* </PRE>
* <P>
* The object <code>crs</code> now contains the data from the table
* <code>EMPLOYEES</code>, just as the object <code>rs</code> does.
```

```
* The difference is that the cursor for <code>crs</code> can be moved
* forward, backward, or to a particular row even if the cursor for
* <code>rs</code> can move only forward.  In addition, <code>crs</code> is
* updatable even if <code>rs</code> is not because by default, a
*
 <code>CachedRowSet</code> object is both scrollable and updatable.
* <P>
* In summary, a <code>CachedRowSet</code> object can be thought of as simply
* a disconnected set of rows that are being cached outside of a data source.
* Being thin and serializable, it can easily be sent across a wire,
* and it is well suited to sending data to a thin client. However, a
* <code>CachedRowSet</code> object does have a limitation: It is limited in
* size by the amount of data it can store in memory at one time.
*
* <h3>8.0 Getting Universal Data Access</h3>
* Another advantage of the <code>CachedRowSet</code> class is that it makes it
* possible to retrieve and store data from sources other than a relational
* database. The reader for a rowset can be implemented to read and populate
* its rowset with data from any tabular data source, including a spreadsheet
* or flat file.
* Because both a <code>CachedRowSet</code> object and its metadata can be
* created from scratch, a component
 that acts as a factory for rowsets
* can use this capability to create a rowset containing data from
* non-SQL data sources. Nevertheless, it is expected that most of the time,
* <code>CachedRowSet</code> objects will contain data that was fetched
* from an SQL database using the JDBC API.
*
* <h3>9.0 Setting Properties</h3>
* All rowsets maintain a set of properties, which will usually be set using
* a tool.  The number and kinds of properties a rowset has will vary,
* depending on what the rowset does and how it gets its data.  For example,
* rowsets that get their data from a <code>ResultSet</code> object need to
* set the properties that are required for making a database connection.
* If a rowset uses the <code>DriverManager</code> facility to make a
* connection, it needs to set a property for the JDBC URL that identifies
* the appropriate driver, and it needs to set the properties that give the
* user name and password.
* If, on the other hand, the rowset uses a
 <code>DataSource</code> object
* to make the connection, which is the preferred method, it does not need to
* set the property for the JDBC URL.  Instead, it needs to set
* properties for the logical name of the data source, for the user name,
* and for the password.
* <P>
* NOTE:  In order to use a <code>DataSource</code> object for making a
* connection, the <code>DataSource</code> object must have been registered
* with a naming service that uses the Java Naming and Directory
```

```
* Interface&trade; (JNDI) API.  This registration
* is usually done by a person acting in the capacity of a system
* administrator.
* <P>
* In order to be able to populate itself with data from a database, a rowset
* needs to set a command property.  This property is a query that is a
* <code>PreparedStatement</code> object, which allows the query to have
* parameter placeholders that are set at run time, as opposed to design time.
* To set these placeholder parameters with values, a rowset provides
 * setter methods for setting values of each data type,
* similar to the setter methods provided by the <code>PreparedStatement</code>
* interface.
* <P>
* The following code fragment illustrates how the <code>CachedRowSet</code>
* object <code>crs</code> might have its command property set.  Note that if a
* tool is used to set properties, this is the code that the tool would use.
* <PRE>{@code
*    crs.setCommand("SELECT FIRST_NAME, LAST_NAME, ADDRESS FROM CUSTOMERS " +
*                   "WHERE CREDIT_LIMIT > ? AND REGION = ?");
* } </PRE>
* <P>
* The values that will be used to set the command's placeholder parameters are
* contained in the <code>RowSet</code> object's <code>params</code> field, which is a
* <code>Vector</code> object.
* The <code>CachedRowSet</code> class provides a set of setter
* methods for setting the elements in its <code>params</code> field.  The
* following code fragment demonstrates setting the two parameters in the
* query from the
 previous example.
* <PRE>
*    crs.setInt(1, 5000);
*    crs.setString(2, "West");
* </PRE>
* <P>
* The <code>params</code> field now contains two elements, each of which is
* an array two elements long.  The first element is the parameter number;
* the second is the value to be set.
* In this case, the first element of <code>params</code> is
* <code>1</code>, <code>5000</code>, and the second element is <code>2</code>,
* <code>"West"</code>.  When an application calls the method
* <code>execute</code>, it will in turn call on this <code>RowSet</code> object's reader,
* which will in turn invoke its <code>readData</code> method. As part of
* its implementation, <code>readData</code> will get the values in
* <code>params</code> and use them to set the command's placeholder
* parameters.
* The following code fragment gives an idea of how the reader
* does this, after obtaining the <code>Connection</code> object
* <code>con</code>.
```

```
* <PRE>{@code
*    PreparedStatement
 pstmt = con.prepareStatement(crs.getCommand());
*    reader.decodeParams();
*    // decodeParams figures out which setter methods to use and does something
*    // like the following:
*    //    for (i = 0; i < params.length; i++) {
*    //        pstmt.setObject(i + 1, params[i]);
*    //    }
* }</PRE>
* <P>
* At this point, the command for <code>crs</code> is the query {@code "SELECT
* FIRST_NAME, LAST_NAME, ADDRESS FROM CUSTOMERS WHERE CREDIT_LIMIT > 5000
* AND REGION = "West"}.  After the <code>readData</code> method executes
* this command with the following line of code, it will have the data from
* <code>rs</code> with which to populate <code>crs</code>.
* <PRE>{@code
*     ResultSet rs = pstmt.executeQuery();
* }</PRE>
* <P>
* The preceding code fragments give an idea of what goes on behind the
* scenes; they would not appear in an application, which would not invoke
* methods like <code>readData</code> and <code>decodeParams</code>.
* In contrast, the
 following code fragment shows what an application might do.
* It sets the rowset's command, sets the command's parameters, and executes
* the command. Simply by calling the <code>execute</code> method,
* <code>crs</code> populates itself with the requested data from the
* table <code>CUSTOMERS</code>.
* <PRE>{@code
*    crs.setCommand("SELECT FIRST_NAME, LAST_NAME, ADDRESS FROM CUSTOMERS" +
*                   "WHERE CREDIT_LIMIT > ? AND REGION = ?");
*    crs.setInt(1, 5000);
*    crs.setString(2, "West");
*    crs.execute();
* }</PRE>
*
* <h3>10.0 Paging Data</h3>
* Because a <code>CachedRowSet</code> object stores data in memory,
* the amount of data that it can contain at any one
* time is determined by the amount of memory available. To get around this limitation,
* a <code>CachedRowSet</code> object can retrieve data from a <code>ResultSet</code>
* object in chunks of data, called <i>pages</i>. To take advantage of this mechanism,
* an application sets the number
 of rows to be included in a page using the method
* <code>setPageSize</code>. In other words, if the page size is set to five, a chunk
* of five rows of
* data will be fetched from the data source at one time. An application can also
```

```
* optionally set the maximum number of rows that may be fetched at one time.  If the
* maximum number of rows is set to zero, or no maximum number of rows is set, there is
* no limit to the number of rows that may be fetched at a time.
* <P>
* After properties have been set,
* the <code>CachedRowSet</code> object must be populated with data
* using either the method <code>populate</code> or the method <code>execute</code>.
* The following lines of code demonstrate using the method <code>populate</code>.
* Note that this version of the method takes two parameters, a <code>ResultSet</code>
* handle and the row in the <code>ResultSet</code> object from which to start
* retrieving rows.
* <PRE>
*     CachedRowSet crs = new CachedRowSetImpl();
 *     crs.setMaxRows(20);
*     crs.setPageSize(4);
*     crs.populate(rsHandle, 10);
* </PRE>
* When this code runs, <i>crs</i> will be populated with four rows from
* <i>rsHandle</i> starting with the tenth row.
* <P>
* The next code fragment shows populating a <code>CachedRowSet</code> object using the
* method <code>execute</code>, which may or may not take a <code>Connection</code>
* object as a parameter.  This code passes <code>execute</code> the <code>Connection</code>
* object <i>conHandle</i>.
* <P>
* Note that there are two differences between the following code
* fragment and the previous one. First, the method <code>setMaxRows</code> is not
* called, so there is no limit set for the number of rows that <i>crs</i> may contain.
* (Remember that <i>crs</i> always has the overriding limit of how much data it can
* store in memory.) The second difference is that the you cannot pass the method
* <code>execute</code> the number of the row in the <code>ResultSet</code>
 object
* from which to start retrieving rows. This method always starts with the first row.
* <PRE>
*     CachedRowSet crs = new CachedRowSetImpl();
*     crs.setPageSize(5);
*     crs.execute(conHandle);
* </PRE>
* After this code has run, <i>crs</i> will contain five rows of data from the
* <code>ResultSet</code> object produced by the command for <i>crs</i>. The writer
* for <i>crs</i> will use <i>conHandle</i> to connect to the data source and
* execute the command for <i>crs</i>. An application is then able to operate on the
* data in <i>crs</i> in the same way that it would operate on data in any other
* <code>CachedRowSet</code> object.
* <P>
* To access the next page (chunk of data), an application calls the method
* <code>nextPage</code>.  This method creates a new <code>CachedRowSet</code> object
* and fills it with the next page of data.  For example, assume that the
```

```
* <code>CachedRowSet</code> object's command returns a <code>ResultSet</code> object
 * <i>rs</i> with 1000 rows of data.  If the page size has been set to 100, the first
*  call to the method <code>nextPage</code> will create a <code>CachedRowSet</code> object
* containing the first 100 rows of <i>rs</i>. After doing what it needs to do with the
* data in these first 100 rows, the application can again call the method
* <code>nextPage</code> to create another <code>CachedRowSet</code> object
* with the second 100 rows from <i>rs</i>. The data from the first <code>CachedRowSet</code>
* object will no longer be in memory because it is replaced with the data from the
* second <code>CachedRowSet</code> object. After the tenth call to the method <code>nextPage</code>,
* the tenth <code>CachedRowSet</code> object will contain the last 100 rows of data from
* <i>rs</i>, which are stored in memory. At any given time, the data from only one
* <code>CachedRowSet</code> object is stored in memory.
* <P>
* The method <code>nextPage</code> returns <code>true</code>
 as long as the current
* page is not the last page of rows and <code>false</code> when there are no more pages.
* It can therefore be used in a <code>while</code> loop to retrieve all of the pages,
* as is demonstrated in the following lines of code.
* <PRE>
*     CachedRowSet crs = CachedRowSetImpl();
*     crs.setPageSize(100);
*     crs.execute(conHandle);
*
*     while(crs.nextPage()) {
*         while(crs.next()) {
*             . . . // operate on chunks (of 100 rows each) in crs,
*                   // row by row
*         }
*     }
* </PRE>
* After this code fragment has been run, the application will have traversed all
* 1000 rows, but it will have had no more than 100 rows in memory at a time.
* <P>
* The <code>CachedRowSet</code> interface also defines the method <code>previousPage</code>.
* Just as the method <code>nextPage</code> is analogous to the <code>ResultSet</code>
* method <code>next</code>, the method <code>previousPage</code> is analogous to
 * the <code>ResultSet</code> method <code>previous</code>.  Similar to the method
* <code>nextPage</code>, <code>previousPage</code> creates a <code>CachedRowSet</code>
* object containing the number of rows set as the page size.  So, for instance, the
* method <code>previousPage</code> could be used in a <code>while</code> loop at
* the end of the preceding code fragment to navigate back through the pages from the last
* page to the first page.
* The method <code>previousPage</code> is also similar to <code>nextPage</code>
* in that it can be used in a <code>while</code>
* loop, except that it returns <code>true</code> as long as there is another page
* preceding it and <code>false</code> when there are no more pages ahead of it.
* <P>
* By positioning the cursor after the last row for each page,
```

```
* as is done in the following code fragment, the method <code>previous</code>
* navigates from the last row to the first row in each page.
* The code could also have left the cursor
 before the first row on each page and then
* used the method <code>next</code> in a <code>while</code> loop to navigate each page
* from the first row to the last row.
* <P>
* The following code fragment assumes a continuation from the previous code fragment,
* meaning that the cursor for the tenth <code>CachedRowSet</code> object is on the
* last row.  The code moves the cursor to after the last row so that the first
* call to the method <code>previous</code> will put the cursor back on the last row.
* After going through all of the rows in the last page (the <code>CachedRowSet</code>
* object <i>crs</i>), the code then enters
* the <code>while</code> loop to get to the ninth page, go through the rows backwards,
* go to the eighth page, go through the rows backwards, and so on to the first row
* of the first page.
*
* <PRE>
*     crs.afterLast();
*     while(crs.previous())  {
*         . . . // navigate through the rows, last to first
*     {
*     while(crs.previousPage())
  {
*         crs.afterLast();
*         while(crs.previous())  {
*             . . . // go from the last row to the first row of each page
*         }
*     }
* </PRE>
*
* @author Jonathan Bruce
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/sql/rowset/CachedRowSet.java
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*/
/**
   * Constructs a new {@link ClassNode}. Subclasses must not use this
   * constructor. Instead, they must use the {@link #ClassNode(int)}
   * version.
   *
   * @throws IllegalStateException
   *   If a subclass calls this constructor.
   */

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/internal/org/objectweb/asm/tree/ClassNode.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/api/model/wsdl/WSDLModel.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/border/Border.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/DefaultButtonModel.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/awt/image/IntegerComponentRaster.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/AppletInitializer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/security/cert/X509Certificate.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/Policy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/basic/BasicTableUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/internal/ws/processor/generator/JwsImplGenerator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/text/html/HTMLDocument.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/awt/geom/FlatteningPathIterator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/JButton.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/basic/BasicProgressBarUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/ws/api/message/Message.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/ws/model/AbstractSEIModelImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/security/spec/X509EncodedKeySpec.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/awt/image/ComponentColorModel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/ws/message/DOMMessage.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/ws/spi/db/BindingContext.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/ws/model/JavaMethodImpl.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/javadoc/Type.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/text/TableView.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/ws/message/jaxb/JAXBHeader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/net/www/protocol/jar/JarFileFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/JComponent.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/ws/transport/http/server/ServerAdapter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/messaging/saaj/soap/AttachmentPartImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/hat/internal/server/AllClassesQuery.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/border/LineBorder.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/ws/message/stream/StreamMessage.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/JToggleButton.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/basic/BasicTabbedPaneUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/internal/ws/wsdl/parser/WSDLInternalizationLogic.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/print/Book.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/JMenuBar.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/doclets/formats/html/AbstractExecutableMemberWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/basic/BasicToolBarUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/security/InvalidAlgorithmParameterException.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/SecureClassLoader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/basic/BasicSplitPaneDivider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/ws/model/wsdl/WSDLBoundOperationImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/table/DefaultTableColumnModel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/BoundedRangeModel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/undo/CannotUndoException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/text/Highlighter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/geom/PathIterator.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/ws/model/wsdl/AbstractExtensibleImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/security/AlgorithmParameterGenerator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/internal/xjc/Options.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/beans/beancontext/BeanContextChild.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/security/AlgorithmParametersSpi.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/ThreadLocal.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/com/sun/xml/internal/ws/api/wsdl/parser/WSDLParserExtension.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/print/PageFormat.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/ws/api/databinding/DatabindingConfig.java
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*/
/*
 File: ConditionVariable.java

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 Thanks for the assistance and support of Sun Microsystems Labs,
 and everyone contributing, testing, and using this code.

 History:
 Date       Who             What
 11Jun1998  dl              Create public version
 08dec2001  kmc             Added support for Reentrant Mutexes
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/orbutil/concurrent/CondVar.java

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/**
* Interface for reading an XML document using callbacks.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p><strong>Note:</strong> despite its name, this interface does
* <em>not</em> extend the standard Java {@link java.io.Reader Reader}
* interface, because reading XML is a fundamentally different activity
* than reading character data.</p>
*
* <p>XMLReader is the interface that an XML parser's SAX2 driver must
* implement.
  This interface allows an application to set and
* query features and properties in the parser, to register
* event handlers for document processing, and to initiate
```

```
* a document parse.</p>
*
* <p>All SAX interfaces are assumed to be synchronous: the
* {@link #parse parse} methods must not return until parsing
* is complete, and readers must wait for an event-handler callback
* to return before reporting the next event.</p>
*
* <p>This interface replaces the (now deprecated) SAX 1.0 {@link
* org.xml.sax.Parser Parser} interface.  The XMLReader interface
* contains two important enhancements over the old Parser
* interface (as well as some minor ones):</p>
*
* <ol>
* <li>it adds a standard way to query and set features and
*  properties; and</li>
* <li>it adds Namespace support, which is required for many
*  higher-level XML standards.</li>
* </ol>
*
* <p>There are adapters available to convert a SAX1 Parser to
* a SAX2 XMLReader and vice-versa.</p>
*
* @since
 SAX 2.0
* @author David Megginson
* @see org.xml.sax.XMLFilter
* @see org.xml.sax.helpers.ParserAdapter
* @see org.xml.sax.helpers.XMLReaderAdapter
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/internal/org/xml/sax/XMLReader.java
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/SimpleBeanInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/Beans.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/PropertyDescriptor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/zip/ZipOutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/transport/DGCClient.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/net/AbstractPlainDatagramSocketImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/reflect/Field.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/EmbeddedFrame.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/applet/resources/MsgAppletViewer_sv.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/ssl/HandshakeMessage.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/Identity.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/zip/ZipInputStream.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/internal/xjc/reader/internalizer/NamespaceContextImpl.java
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 *
* This locale data is based on the ICU's Vietnamese locale data (rev. 1.38)
* found at:
*
* http://oss.software.ibm.com/cvs/icu/icu/source/data/locales/vi.txt?rev=1.38
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/vi/CollationData_vi.java

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/Cache.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/image/FileImageSource.java
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/**
* Interface for an element's attribute specifications.
*
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* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
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*
* <p>This is the original SAX1 interface for reporting an element's
* attributes.  Unlike the new {@link org.xml.sax.Attributes Attributes}
* interface, it does not support Namespace-related information.</p>
*
* <p>When an attribute list is supplied as part of a
* {@link org.xml.sax.DocumentHandler#startElement startElement}
* event, the list will return valid results only
 during the
* scope of the event; once the event handler returns control
* to the parser, the attribute list is invalid.  To save a
* persistent copy of the attribute list, use the SAX1
* {@link org.xml.sax.helpers.AttributeListImpl AttributeListImpl}
* helper class.</p>
*
* <p>An attribute list includes only attributes that have been
* specified or defaulted: #IMPLIED attributes will not be included.</p>
*
* <p>There are two ways for the SAX application to obtain information
* from the AttributeList.  First, it can iterate through the entire
* list:</p>
*
* <pre>
* public void startElement (String name, AttributeList atts) {
*   for (int i = 0; i < atts.getLength(); i++) {
*     String name = atts.getName(i);
*     String type = atts.getType(i);
*     String value = atts.getValue(i);
*     [...]
```

```
*   }
* }
* </pre>
*
* <p>(Note that the result of getLength() will be zero if there
* are no attributes.)
*
* <p>As an alternative, the application can request the
 value or
* type of specific attributes:</p>
*
* <pre>
* public void startElement (String name, AttributeList atts) {
*   String identifier = atts.getValue("id");
*   String label = atts.getValue("label");
*   [...]
* }
* </pre>
*
* @deprecated This interface has been replaced by the SAX2
*            {@link org.xml.sax.Attributes Attributes}
*            interface, which includes Namespace support.
* @since SAX 1.0
* @author David Megginson
* @see org.xml.sax.DocumentHandler#startElement startElement
* @see org.xml.sax.helpers.AttributeListImpl AttributeListImpl
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/net/InetAddress.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/FilteredImageSource.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/launcher/java.c
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*/
// This class is in the Public Domain. NO WARRANTY!
/**
* Encapsulate Namespace logic for use by applications using SAX,
* or internally by SAX drivers.
*
* <blockquote>

```
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This class encapsulates the logic of Namespace processing: it
* tracks the declarations currently in force for each context and
* automatically processes qualified XML names into their Namespace
* parts; it can also be used in reverse for generating XML qnames
* from Namespaces.</p>
 *
* <p>Namespace support objects are reusable, but the reset method
* must be invoked between each session.</p>
*
* <p>Here is a simple session:</p>
*
* <pre>
* String parts[] = new String[3];
* NamespaceSupport support = new NamespaceSupport();
*
* support.pushContext();
* support.declarePrefix("", "http://www.w3.org/1999/xhtml");
* support.declarePrefix("dc", "http://www.purl.org/dc#");
*
* parts = support.processName("p", parts, false);
* System.out.println("Namespace URI: " + parts[0]);
* System.out.println("Local name: " + parts[1]);
* System.out.println("Raw name: " + parts[2]);
*
* parts = support.processName("dc:title", parts, false);
* System.out.println("Namespace URI: " + parts[0]);
* System.out.println("Local name: " + parts[1]);
* System.out.println("Raw name: " + parts[2]);
*
* support.popContext();
* </pre>
*
* <p>Note that this class is optimized for the use case where most
* elements do not contain Namespace declarations: if the same
 * prefix/URI mapping is repeated for each context (for example), this
* class will be somewhat less efficient.</p>
*
* <p>Although SAX drivers (parsers) may choose to use this class to
* implement namespace handling, they are not required to do so.
* Applications must track namespace information themselves if they
* want to use namespace information.
*
```

* @since SAX 2.0
* @author David Megginson
* @version 2.0.1 (sax2r2)
*/

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/xs/XSDDescription.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/util/XMLResourceIdentifierImpl.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/dv/xs/BaseDVFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/dv/xs/FullDVFactory.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/spec/AlgorithmParameterSpec.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/activation/UnknownObjectException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/activation/UnknownGroupException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/log/LogInputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/accessibility/AccessibleSelection.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/ARG_IN.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/CTX_RESTRICT_SCOPE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/event/MenuListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/geom/LineIterator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/swing/plaf/motif/MotifSplitPaneDivider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/beancontext/BeanContextMembershipListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/swing/plaf/motif/MotifTreeCellRenderer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/CustomCursor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/ARG_INOUT.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/dnd/peer/DropTargetPeer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/KeyIdentifier.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/tree/MutableTreeNode.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/activation/CommandInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/text/html/ListView.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/portable/Streamable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/table/TableCellEditor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/IDLType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/TypeCodePackage/Bounds.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/ARG_OUT.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/geom/NoninvertibleTransformException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/IRObject.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/TypeCodePackage/BadKind.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/DerEncoder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/event/InputMethodListener.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/policy/sourcemodel/attach/ContextClassloaderLocal.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/util/IntHashTable.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/stream/buffer/ContextClassloaderLocal.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/awt/image/MultiResolutionCachedImage.java
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/net/NetworkPermission.java
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zip/com/sun/xml/internal/ws/util/xml/ContextClassloaderLocal.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/net/Sockets.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/net/SocketFlow.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/ExtendedOptionsImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/net/package-info.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/net/ExtendedSocketOptions.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/TreeUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/event/TableModelListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/swing/plaf/windows/WindowsEditorPaneUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/event/ListSelectionListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/ColorChooserUI.java
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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/swing/plaf/motif/MotifTextFieldUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/ComboBoxEditor.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/OptionPaneUI.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/TabbedPaneUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/tree/RowMapper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/ScrollBarUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/text/rtf/Constants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/SeparatorUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/DebugGraphicsObserver.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/Icon.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/MenuItemUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/SplitPaneUI.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/awt/image/RasterFormatException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/InternalFrameUI.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/MenuBarUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/swing/plaf/windows/WindowsScrollPaneUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/activation/registries/MimeTypeEntry.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/LabelUI.java
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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/event/HyperlinkListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/text/ViewFactory.java
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/**
   * Returns a <code>Map</code> of the specified <code>DataFlavor</code>s to
   * their corresponding <code>String</code> native. The returned
   * <code>Map</code> is a modifiable copy of this <code>FlavorMap</code>'s
   * internal data. Client code is free to modify the <code>Map</code>
   * without affecting this object.
   *
   * @param flavors an array of <code>DataFlavor</code>s which will be the
   *       key set of the returned <code>Map</code>. If <code>null</code> is
   *       specified, a mapping of all <code>DataFlavor</code>s currently
   *       known to this <code>FlavorMap</code> to their corresponding
   *       <code>String</code> natives will be returned.

   * @return a <code>java.util.Map</code> of <code>DataFlavor</code>s to
   *        <code>String</code> natives
   */
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/datatransfer/FlavorMap.java
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*/
/**
    * Returns an array containing all of the elements in this deque
    * in proper sequence (from first to last element).
    *
    * <p>The returned array will be "safe" in that no references to it are
    * maintained by this deque.  (In other words, this method must allocate
    * a new array).  The caller is thus free to modify the returned array.
    *
    * <p>This method acts as bridge between
```

array-based and collection-based
* APIs.
*
* @return an array containing all of the elements in this deque
*/

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/javac/jvm/ClassWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/util/Bits.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/code/Scope.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/javac/jvm/ClassReader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/jvm/Code.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/comp/Flow.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/datatransfer/SunClipboard.java
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*/
/**
    * This method creates a new MBeanServer implementation object.
    * When creating a new MBeanServer the
    * {@link javax.management.MBeanServerBuilder} first calls
    * <code>newMBeanServerDelegate()</code> in order to obtain a new
    * {@link javax.management.MBeanServerDelegate} for the new
    * MBeanServer. Then it calls
    * <code>newMBeanServer(defaultDomain,outer,delegate)</code>
    * passing the <var>delegate</var> that should be used by the
    * MBeanServer  implementation.
    * <p>Note that the passed <var>delegate</var> might not be directly the
    * MBeanServerDelegate that was returned by this implementation. It could
    * be, for instance, a new object wrapping the
 previously
    * returned delegate.
    * <p>The <var>outer</var> parameter is a pointer to the MBeanServer that
    * should be passed to the {@link javax.management.MBeanRegistration}
    * interface when registering MBeans inside the MBeanServer.
    * If <var>outer</var> is <code>null</code>, then the MBeanServer
    * implementation is free to use its own <code>this</code> pointer when
    * invoking the {@link javax.management.MBeanRegistration} interface.
    * <p>This makes it possible for a MBeanServer implementation to wrap
    * another MBeanServer implementation, in order to implement, e.g,
```

```
   * security checks, or to prevent access to the actual MBeanServer
   * implementation by returning a pointer to a wrapping object.
   *
   * @param defaultDomain Default domain of the new MBeanServer.
   * @param outer A pointer to the MBeanServer object that must be
   *       passed to the MBeans when invoking their
   *       {@link javax.management.MBeanRegistration}
 interface.
   * @param delegate A pointer to the MBeanServerDelegate associated
   *       with the new MBeanServer. The new MBeanServer must register
   *       this MBean in its MBean repository.
   * @param interceptors If <code>true</code>,
   *       {@link MBeanServerInterceptor}s will be enabled (default is
   *       <code>false</code>).
   *       Note: this parameter is not taken into account by this
   *       implementation - the default value <code>false</code> is
   *       always used.
   * @return A new private implementation of an MBeanServer.
   * @see #interceptorsEnabled
   * @see javax.management.MBeanServerBuilder
   * @see com.sun.jmx.mbeanserver.JmxMBeanServerBuilder
   **/
```

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*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/renderable/RenderableImage.java
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zip/sun/security/krb5/internal/crypto/dk/DkCrypto.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/com/sun/corba/se/impl/oa/poa/AOMEntry.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/Big5_HKSCS_2001.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XEmbeddedFrame.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javah/JNI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/ISO2022.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/nio/cs/ext/MS950_HKSCS_XP.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/spi/orb/ParserImplBase.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/util/jar/pack/CodingChooser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/dns/ResolverConfiguration.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/orbutil/ObjectUtility.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/swing/SwingUtilities3.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/swing/plaf/gtk/PangoFonts.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/orb/PrefixParserAction.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/spi/transport/CorbaConnection.java
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*/
/**
   * Creates a new {@link AnalyzerAdapter}. <i>Subclasses must not use this
   * constructor</i>. Instead, they must use the
   * {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}
   * version.
   *
   * @param owner
   *          the owner's class name.
   * @param access
   *          the method's access flags (see {@link Opcodes}).
   * @param name
```

```
   *          the method's name.
   * @param desc
   *          the method's descriptor (see {@link Type Type}).
   * @param mv
   *          the method visitor to which this adapter delegates calls. May
   *          be <tt>null</tt>.
   * @throws IllegalStateException
   *           If a subclass calls this constructor.
   */
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/internal/org/objectweb/asm/commons/AnalyzerAdapter.java
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*/
/*
 File: Sync.java

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```

History:
Date Who What
11Jun1998 dl Create public version
5Aug1998 dl Added some convenient time constants
*/

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/orbutil/concurrent/Sync.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/event/TextEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/event/TextListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/www/protocol/mailto/MailToURLConnection.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/SyncFailedException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/net/NoRouteToHostException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/www/ApplicationLaunchException.java
*

/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/net/ConnectException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/CharConversionException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/zip/DataFormatException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/NoSuchFieldException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/server/MarshalOutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/UnsupportedEncodingException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/TooManyListenersException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/net/BindException.java
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/**
* Interface for associating a SAX event with a document location.
*
* <blockquote>
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* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
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* </blockquote>
*
```

```
* <p>If a SAX parser provides location information to the SAX
* application, it does so by implementing this interface and then
* passing an instance to the application using the content
* handler's {@link org.xml.sax.ContentHandler#setDocumentLocator
* setDocumentLocator} method.  The application can use the
* object to obtain the location of any other SAX event
 * in the XML source document.</p>
*
* <p>Note that the results returned by the object will be valid only
* during the scope of each callback method: the application
* will receive unpredictable results if it attempts to use the
* locator at any other time, or after parsing completes.</p>
*
* <p>SAX parsers are not required to supply a locator, but they are
* very strongly encouraged to do so.  If the parser supplies a
* locator, it must do so before reporting any other document events.
* If no locator has been set by the time the application receives
* the {@link org.xml.sax.ContentHandler#startDocument startDocument}
* event, the application should assume that a locator is not
* available.</p>
*
* @since SAX 1.0
* @author David Megginson
* @see org.xml.sax.ContentHandler#setDocumentLocator
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/HelloExtensions.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/ECDHCrypt.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ec/CurveDB.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/EllipticPointFormatsExtension.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/provider/ByteArrayAccess.java
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/**
* Defines an abstract implementation of a factory for getting streams.
*

```
* The following table defines the standard properties of this specification.
* Each property varies in the level of support required by each implementation.
* The level of support required is described in the 'Required' column.
*
*   <table border="2" rules="all" cellpadding="4">
*    <thead>
*      <tr>
*        <th align="center" colspan="5">
*          Configuration parameters
*        </th>
*      </tr>
*    </thead>
*    <tbody>
*      <tr>
*        <th>Property Name</th>
*        <th>Behavior</th>
*        <th>Return type</th>
*        <th>Default Value</th>
*        <th>Required</th>
*      </tr>
* <tr><td>javax.xml.stream.isValidating</td><td>Turns
 on/off implementation specific DTD validation</td><td>Boolean</td><td>False</td><td>No</td></tr>
* <tr><td>javax.xml.stream.isNamespaceAware</td><td>Turns on/off namespace processing for XML 1.0
support</td><td>Boolean</td><td>True</td><td>True (required) / False (optional)</td></tr>
* <tr><td>javax.xml.stream.isCoalescing</td><td>Requires the processor to coalesce adjacent character
data</td><td>Boolean</td><td>False</td><td>Yes</td></tr>
* <tr><td>javax.xml.stream.isReplacingEntityReferences</td><td>replace internal entity references with their
replacement text and report them as characters</td><td>Boolean</td><td>True</td><td>Yes</td></tr>
*<tr><td>javax.xml.stream.isSupportingExternalEntities</td><td>Resolve external parsed
entities</td><td>Boolean</td><td>Unspecified</td><td>Yes</td></tr>
*<tr><td>javax.xml.stream.supportDTD</td><td>Use this property to request processors that do not support
DTDs</td><td>Boolean</td><td>True</td><td>Yes</td></tr>
 *<tr><td>javax.xml.stream.reporter</td><td>sets/gets the impl of the XMLReporter
</td><td>javax.xml.stream.XMLReporter</td><td>Null</td><td>Yes</td></tr>
*<tr><td>javax.xml.stream.resolver</td><td>sets/gets the impl of the XMLResolver
interface</td><td>javax.xml.stream.XMLResolver</td><td>Null</td><td>Yes</td></tr>
*<tr><td>javax.xml.stream.allocator</td><td>sets/gets the impl of the XMLEventAllocator
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*    </tbody>
*  </table>
*
*
* @version 1.2
* @author Copyright (c) 2009 by Oracle Corporation. All Rights Reserved.
* @see XMLOutputFactory
* @see XMLEventReader
* @see XMLStreamReader
* @see EventFilter
```

* @see XMLReporter
* @see XMLResolver
* @see javax.xml.stream.util.XMLEventAllocator
* @since 1.6
*/

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/imageio/plugins/jpeg/JPEGMetadataFormat.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/ClassFileConstants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/www/http/Hurryable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/imageio/plugins/jpeg/DHTMarkerSegment.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/ByteVector.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/reflect/ConstructorAccessorImpl.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/ConstructorAccessor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/dnd/SerializationTester.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/net/ssl/ManagerFactoryParameters.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/imageio/plugins/jpeg/JPEGMetadataFormatResources.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/imageio/plugins/jpeg/AdobeMarkerSegment.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/FieldAccessor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/nio/channels/InterruptibleChannel.java
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zip/org/omg/PortableServer/POAHelper.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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zip/com/sun/imageio/plugins/jpeg/DQTMarkerSegment.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/LineInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/MagicAccessorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/FieldAccessorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/reflect/DelegatingConstructorAccessorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/text/html/MuxingAttributeSet.java
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/BaseLineInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/awt/dnd/DragSourceMotionListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/StratumLineInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/ByteVectorImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/print/BackgroundLookupListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/MethodAccessorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/pipe/DrawImagePipe.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/reflect/InstantiationExceptionConstructorAccessorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/print/BackgroundServiceLookup.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/imageio/plugins/jpeg/DRIMarkerSegment.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/net/www/protocol/jar/URLJarFileCallBack.java
*

/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/browser/net/ProxyServiceProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/SignatureIterator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/toJavaPortable/NameModifier.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/print/SimpleDoc.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/MethodAccessor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/toJavaPortable/NameModifierImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/event/WindowStateListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/SerializationConstructorAccessorImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/server/RemoteObjectInvocationHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/security/sasl/CramMD5Base.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/P11Key.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/P11Mac.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/SunPKCS11.java
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zip/com/sun/security/sasl/gsskerb/GssKrb5Base.java
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/**
* This interface represents a context in which you can perform
* operations with LDAPv3-style controls and perform LDAPv3-style
* extended operations.
*
* For applications that do not require such controls or extended
* operations, the more generic <tt>javax.naming.directory.DirContext</tt>
* should be used instead.
*
* <h3>Usage Details About Controls</h3>
*
* This interface provides support for LDAP v3 controls.
* At a high level, this support allows a user
* program to set request controls for LDAP operations that are executed
* in the course of the user program's invocation of
* <tt>Context</tt>/<tt>DirContext</tt>
* methods, and read response controls resulting from LDAP operations.
 * At the implementation level, there are some details that developers of
* both the user program and service providers need to understand in order
* to correctly use request and response controls.
*
* <h3>Request Controls</h3>
* <p>
* There are two types of request controls:
* <ul>
* <li>Request controls that affect how a connection is created
* <li>Request controls that affect context methods
* </ul>
*
* The former is used whenever a connection needs to be established or
* re-established with an LDAP server. The latter is used when all other
* LDAP operations are sent to the LDAP server.  The reason why a
* distinction between these two types of request controls is necessary
* is because JNDI is a high-level API that does not deal directly with
* connections.  It is the job of service providers to do any necessary
* connection management. Consequently, a single
* connection may be shared by multiple context instances, and a service provider
* is free to use its own
```

```
 algorithms to conserve connection and network
* usage. Thus, when a method is invoked on the context instance, the service
* provider might need to do some connection management in addition to
* performing the corresponding LDAP operations. For connection management,
* it uses the <em>connection request controls</em>, while for the normal
* LDAP operations, it uses the <em>context request controls</em>.
*<p>Unless explicitly qualified, the term "request controls" refers to
* context request controls.
*
* <h4>Context Request Controls</h4>
* There are two ways in which a context instance gets its request controls:
* <ol>
* <li><tt>ldapContext.newInstance(<strong>reqCtls</strong>)</tt>
* <li><tt>ldapContext.setRequestControls(<strong>reqCtls</strong>)</tt>
* </ol>
* where <tt>ldapContext</tt> is an instance of <tt>LdapContext</tt>.
* Specifying <tt>null</tt> or an empty array for <tt>reqCtls</tt>
* means no request controls.
* <tt>newInstance()</tt> creates a new instance
 of a context using
* <tt>reqCtls</tt>, while <tt>setRequestControls()</tt>
* updates an existing context instance's request controls to <tt>reqCtls</tt>.
* <p>
* Unlike environment properties, request controls of a context instance
* <em>are not inherited</em> by context instances that are derived from
* it.  Derived context instances have <tt>null</tt> as their context
* request controls.  You must set the request controls of a derived context
* instance explicitly using <tt>setRequestControls()</tt>.
* <p>
* A context instance's request controls are retrieved using
* the method <tt>getRequestControls()</tt>.
*
* <h4>Connection Request Controls</h4>
* There are three ways in which connection request controls are set:
* <ol>
* <li><tt>
* new InitialLdapContext(env, <strong>connCtls</strong>)</tt>
* <li><tt>refException.getReferralContext(env, <strong>connCtls</strong>)</tt>
* <li><tt>ldapContext.reconnect(<strong>connCtls</strong>);</tt>
* </ol>
* where <tt>refException</tt>
 is an instance of
* <tt>LdapReferralException</tt>, and <tt>ldapContext</tt> is an
* instance of <tt>LdapContext</tt>.
* Specifying <tt>null</tt> or an empty array for <tt>connCtls</tt>
* means no connection request controls.
* <p>
* Like environment properties, connection request controls of a context
```

```
* <em>are inherited</em> by contexts that are derived from it.
* Typically, you initialize the connection request controls using the
* <tt>InitialLdapContext</tt> constructor or
* <tt>LdapReferralContext.getReferralContext()</tt>. These connection
* request controls are inherited by contexts that share the same
* connection--that is, contexts derived from the initial or referral
* contexts.
* <p>
* Use <tt>reconnect()</tt> to change the connection request controls of
* a context.
* Invoking <tt>ldapContext.reconnect()</tt> affects only the
* connection used by <tt>ldapContext</tt> and any new contexts instances that are
* derived form <tt>ldapContext</tt>.
 Contexts that previously shared the
* connection with <tt>ldapContext</tt> remain unchanged. That is, a context's
* connection request controls must be explicitly changed and is not
* affected by changes to another context's connection request
* controls.
* <p>
* A context instance's connection request controls are retrieved using
* the method <tt>getConnectControls()</tt>.
*
* <h4>Service Provider Requirements</h4>
*
* A service provider supports connection and context request controls
* in the following ways.  Context request controls must be associated on
* a per context instance basis while connection request controls must be
* associated on a per connection instance basis.  The service provider
* must look for the connection request controls in the environment
* property "java.naming.ldap.control.connect" and pass this environment
* property on to context instances that it creates.
*
* <h3>Response Controls</h3>
*
* The method <tt>LdapContext.getResponseControls()</tt>
 is used to
* retrieve the response controls generated by LDAP operations executed
* as the result of invoking a <tt>Context</tt>/<tt>DirContext</tt>
* operation. The result is all of the responses controls generated
* by the underlying LDAP operations, including any implicit reconnection.
* To get only the reconnection response controls,
* use <tt>reconnect()</tt> followed by <tt>getResponseControls()</tt>.
*
* <h3>Parameters</h3>
*
* A <tt>Control[]</tt> array
* passed as a parameter to any method is owned by the caller.
* The service provider will not modify the array or keep a reference to it,
```

* although it may keep references to the individual <tt>Control</tt> objects
* in the array.
* A <tt>Control[]</tt> array returned by any method is immutable, and may
* not subsequently be modified by either the caller or the service provider.
*
* @author Rosanna Lee
* @author Scott Seligman
* @author Vincent Ryan
*
* @see InitialLdapContext
* @see LdapReferralException#getReferralContext(java.util.Hashtable,javax.naming.ldap.Control[])
 * @since 1.3
*/

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/Base64.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/KeyUtil.java

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/modelmbean/XMLParseException.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/ConnectException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/server/Unreferenced.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/peer/PopupMenuPeer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/UnknownHostException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/UnexpectedException.java
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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/NoSuchObjectException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/UnmarshalException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/peer/LightweightPeer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/ConnectIOException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/dgc/Lease.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/rmi/server/ServerNotActiveException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/interfaces/DSAKey.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/peer/FontPeer.java
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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/net/www/protocol/netdoc/Handler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/rmi/server/RMIFailureHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/MarshalException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/AlreadyBoundException.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/events/FileReadEvent.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/dcmd/DCmdStart.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/events/ExceptionStatisticsEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/events/ErrorThrownEvent.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/RepositoryChunk.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/events/FileWriteEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/instrument/ConstructorWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/dcmd/AbstractDCmd.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/instrument/ThrowableTracer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/events/SocketReadEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/jfr/internal/dcmd/DCmdStop.java
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* <p>An XMLReader will throw this exception when it finds an
* unrecognized feature or property identifier; SAX applications and
* extensions may use this class for other, similar purposes.</p>
*
* @since SAX 2.0
```

```
* @author David Megginson
* @see org.xml.sax.SAXNotSupportedException
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/xml/sax/SAXNotRecognizedException.java
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*/
/**
    * Returns an array containing all of the elements in this list
    * in proper sequence (from first to last element).
    *
    * <p>The returned array will be "safe" in that no references to it are
    * maintained by this list.  (In other words, this method must allocate
```

```
   * a new array).  The caller is thus free to modify the returned array.
   *
   * <p>This method acts as bridge between array-based and collection-based
   * APIs.
    *
   * @return an array containing all the elements in this list
   */
```

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zip/java/util/concurrent/atomic/AtomicBoolean.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/util/concurrent/CountDownLatch.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/locks/Lock.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/util/concurrent/atomic/Striped64.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/locks/package-
info.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/util/concurrent/locks/ReentrantReadWriteLock.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/util/concurrent/atomic/DoubleAccumulator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/util/concurrent/atomic/LongAdder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/package-info.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/util/concurrent/ConcurrentMap.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/util/concurrent/ScheduledFuture.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/Executors.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/util/concurrent/ConcurrentSkipListMap.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/java/util/concurrent/atomic/AtomicLongFieldUpdater.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/util/concurrent/atomic/AtomicReferenceFieldUpdater.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/util/concurrent/BlockingDeque.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/util/concurrent/ConcurrentSkipListSet.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/util/concurrent/atomic/AtomicLongArray.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/util/concurrent/RunnableFuture.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/util/concurrent/atomic/AtomicMarkableReference.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/ForkJoinTask.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/util/concurrent/CompletionService.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/FutureTask.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/util/concurrent/atomic/AtomicIntegerFieldUpdater.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/util/concurrent/ForkJoinWorkerThread.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/util/concurrent/RecursiveAction.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/util/concurrent/locks/AbstractQueuedLongSynchronizer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/TimeUnit.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/util/concurrent/atomic/AtomicStampedReference.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/ForkJoinPool.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/RecursiveTask.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/Delayed.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/util/concurrent/TimeoutException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/Semaphore.java
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/util/concurrent/locks/ReadWriteLock.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/util/concurrent/AbstractExecutorService.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/BrokenBarrierException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/locks/LockSupport.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/locks/Condition.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/ExecutorCompletionService.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/CompletionException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/atomic/DoubleAdder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/Phaser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/TransferQueue.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/ExecutorService.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/locks/AbstractOwnableSynchronizer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/LinkedTransferQueue.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/atomic/AtomicReferenceArray.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/atomic/AtomicLong.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/ConcurrentHashMap.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/ThreadFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/locks/StampedLock.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/locks/ReentrantLock.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/CyclicBarrier.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/ScheduledThreadPoolExecutor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/Executor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/atomic/package-info.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/atomic/AtomicReference.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/ConcurrentNavigableMap.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/atomic/LongAccumulator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/RejectedExecutionHandler.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/CancellationException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/atomic/AtomicIntegerArray.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/ThreadLocalRandom.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/Queue.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/RejectedExecutionException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/RunnableScheduledFuture.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/ThreadPoolExecutor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/CompletableFuture.java
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/Callable.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/ExecutionException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/locks/AbstractQueuedSynchronizer.java
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****
*
  file name: UBiDiProps.java
* encoding: US-ASCII

```
*   tab size:   8 (not used)
*   indentation:4
*
*   created on: 2005jan16
*   created by: Markus W. Scherer
*
*   Low-level Unicode bidi/shaping properties access.
*   Java port of ubidi_props.h/.c.
*/
```

Found in path(s):
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/ar/FormatData_ar_SY.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/resources/ar/FormatData_ar_JO.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/tools/jarsigner/Resources_zh_CN.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/tools/keytool/Resources_pt_BR.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/provider/certpath/SunCertPathBuilder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/tools/keytool/Resources_ja.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/logging/Logger.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/tools/keytool/Resources_sv.java
*

/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/dns/ResourceRecord.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/IdentityHashMap.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ISO_8859_1.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/transform/TransformerFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/tools/keytool/Resources_es.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/tools/jarsigner/Resources_ja.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/tools/keytool/Resources_ko.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/logging/FileHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/provider/certpath/ldap/LDAPCertStore.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/jgss/GSSUtil.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/tools/keytool/Resources_zh_CN.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/encoding/BufferManagerWriteGrow.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/tools/jarsigner/Resources.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/transform/TransformerException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/provider/certpath/PKIXCertPathValidator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/tools/keytool/Resources_fr.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/tools/keytool/Resources_zh_TW.java
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/tools/keytool/Resources_it.java
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zip/com/sun/java/swing/plaf/windows/WindowsInternalFrameTitlePane.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/cert/TrustAnchor.java
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zip/com/sun/tools/javadoc/JavadocTool.java
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/**
* This class handles bulk data enciphering/deciphering for each SSLv3
* message.  This provides data confidentiality.  Stream ciphers (such
* as RC4) don't need to do padding; block ciphers (e.g. DES) need it.
*
* Individual instances are obtained by calling the static method
* newCipherBox(), which should only be invoked by BulkCipher.newCipher().
*
* In RFC 2246, with bock ciphers in CBC mode, the Initialization
* Vector (IV) for the first record is generated with the other keys
* and secrets when the security parameters are set.  The IV for
* subsequent records is the last ciphertext block from the previous
* record.
*
* In RFC 4346, the implicit Initialization Vector (IV) is replaced
*
 with an explicit IV to protect against CBC attacks.  RFC 4346
* recommends two algorithms used to generated the per-record IV.
* The implementation uses the algorithm (2)(b), as described at
* section 6.2.3.2 of RFC 4346.
*
* The usage of IV in CBC block cipher can be illustrated in
* the following diagrams.
*
*   (random)
*       R        P1                  IV        C1
*       |        |                   |         |
*  SIV---+   |-----+   |-...          |-----    |------
*       |   |    |   |             |   |   |    |
*    +----+ |  +----+ |           +----+ |  +----+ |
*    | Ek | |  + Ek + |           | Dk | | | Dk | |
*    +----+ |  +----+ |           +----+ |  +----+ |
*       |   |    |   |             |   |   |    |
*       |----|    |----|          SIV--+   |----|    |-...
*       |        |                   |      |
*      IV        C1                   R      P1
*
                 (discard)
*
*      CBC Encryption                  CBC Decryption
*
* NOTE that any ciphering involved in key exchange (e.g. with RSA) is
* handled separately.
*
* @author David Brownell
* @author Andreas Sterbenz
```

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*/

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/**
* A single input source for an XML entity.
*
* <blockquote>
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* </blockquote>
*
* <p>This class allows a SAX application to encapsulate information
* about an input source in a single object, which may include
* a public identifier, a system identifier, a byte stream (possibly
* with a specified encoding), and/or a character stream.</p>
*
* <p>There are two places that the application can deliver an
* input source to the parser: as the argument to the Parser.parse
```

```
 * method, or as the return value of the EntityResolver.resolveEntity
* method.</p>
*
* <p>The SAX parser will use the InputSource object to determine how
* to read XML input.  If there is a character stream available, the
* parser will read that stream directly, disregarding any text
* encoding declaration found in that stream.
* If there is no character stream, but there is
* a byte stream, the parser will use that byte stream, using the
* encoding specified in the InputSource or else (if no encoding is
* specified) autodetecting the character encoding using an algorithm
* such as the one in the XML specification.  If neither a character
* stream nor a
* byte stream is available, the parser will attempt to open a URI
* connection to the resource identified by the system
* identifier.</p>
*
* <p>An InputSource object belongs to the application: the SAX parser
* shall never modify it in any way (it may modify a copy if
* necessary).  However, standard processing of
 both byte and
* character streams is to close them on as part of end-of-parse cleanup,
* so applications should not attempt to re-use such streams after they
* have been handed to a parser.  </p>
*
* @since SAX 1.0
* @author David Megginson
* @see org.xml.sax.XMLReader#parse(org.xml.sax.InputSource)
* @see org.xml.sax.EntityResolver#resolveEntity
* @see java.io.InputStream
* @see java.io.Reader
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/locale/LocaleSyntaxException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/locale/StringTokenIterator.java
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/**
* Interface for associating a SAX event with a document location.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
```

```
* for further information.
* </blockquote>
*
* <p>If a SAX parser provides location information to the SAX
* application, it does so by implementing this interface and then
* passing an instance to the application using the content
* handler's {@link org.xml.sax.ContentHandler#setDocumentLocator
* setDocumentLocator} method.  The application can use the
* object to obtain the location of any other SAX event
 * in the XML source document.</p>
*
* <p>Note that the results returned by the object will be valid only
* during the scope of each callback method: the application
* will receive unpredictable results if it attempts to use the
* locator at any other time, or after parsing completes.</p>
*
* <p>SAX parsers are not required to supply a locator, but they are
* very strongly encouraged to do so.  If the parser supplies a
* locator, it must do so before reporting any other document events.
* If no locator has been set by the time the application receives
* the {@link org.xml.sax.ContentHandler#startDocument startDocument}
* event, the application should assume that a locator is not
* available.</p>
*
* @since SAX 1.0
* @author David Megginson
* @see org.xml.sax.ContentHandler#setDocumentLocator
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/xml/sax/Locator.java
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/cert/CertPathHelperImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/oa/poa/POAFactory.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/ldap/ExtendedRequest.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/sound/midi/Receiver.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/sound/sampled/Line.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/main/CommandLine.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/loops/RenderLoops.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/security/sasl/CramMD5Client.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/event/EventDirContext.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/ldap/UnsolicitedNotificationListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/toJavaPortable/Stub.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/sound/midi/Transmitter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/util/LayoutCharacters.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/loops/CompositeType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/ldap/ExtendedResponse.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/ldap/UnsolicitedNotification.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/ldap/Control.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/util/FatalError.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/constExpr/Expression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/parser/ScannerFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/Debug.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/image/PNGImageDecoder.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/spec/RSAPrivateKeySpec.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/multi/MultiColorChooserUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/ServiceDetailHelper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/multi/MultiViewportUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/Policy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/colorchooser/DefaultColorSelectionModel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/UNSUPPORTED_POLICY_VALUE.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/BAD_POLICY.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/FixedHolder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/server/RMIServerSocketFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/ServiceDetail.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/UNSUPPORTED_POLICY.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/multi/MultiPanelUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/NameValuePair.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/spec/RSAPublicKeySpec.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/colorchooser/ColorSelectionModel.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/DomainManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/BAD_POLICY_TYPE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/BAD_POLICY_VALUE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/ServiceInformation.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/java/rmi/server/RMIClientSocketFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/omg/CORBA/ServiceInformationHolder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/omg/CORBA/ServiceInformationHelper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/colorchooser/SmartGridLayout.java
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/**
* This class abstracts a number of features for which the Java 2D
* implementation relies on proprietary licensed software libraries.
* Access to those features is now achieved by retrieving the singleton
* instance of this class and calling the appropriate methods on it.
* The 3 primary features abstracted here include:
* <dl>
* <dt>Shape createStrokedShape(Shape, [BasicStroke attributes]);
* <dd>This method implements the functionality of the method of the
* same name on the {@link BasicStroke} class.
* <dt>void strokeTo(Shape, [rendering parameters], PathConsumer2D);
* <dd>This method performs widening of the source path on the fly
* and sends the results to the given {@link PathConsumer2D}
```

```
 object.
* This procedure avoids having to create an intermediate Shape
* object to hold the results of the {@code createStrokedShape} method.
* The main user of this method is the Java 2D non-antialiasing renderer.
* <dt>AATileGenerator getAATileGenerator(Shape, [rendering parameters]);
* <dd>This method returns an object which can iterate over the
* specified bounding box and produce tiles of coverage values for
* antialiased rendering.  The details of the operation of the
* {@link AATileGenerator} object are explained in its class comments.
* </dl>
* Additionally, the following informational method supplies important
* data about the implementation.
* <dl>
* <dt>float getMinimumAAPenSize()
* <dd>This method provides information on how small the BasicStroke
* line width can get before dropouts occur.  Rendering with a BasicStroke
* is defined to never allow the line to have breaks, gaps, or dropouts
* even if the width is set to 0.0f, so this information allows the
 * {@link SunGraphics2D} class to detect the "thin line" case and set
* the rendering attributes accordingly.
* </dl>
* At startup the runtime will load a single instance of this class.
* It searches the classpath for a registered provider of this API
* and returns either the last one it finds, or the instance whose
* class name matches the value supplied in the System property
* {@code sun.java2d.renderer}.
* Additionally, a runtime System property flag can be set to trace
* all calls to methods on the {@code RenderingEngine} in use by
* setting the sun.java2d.renderer.trace property to any non-null value.
* <p>
* Parts of the system that need to use any of the above features should
* call {@code RenderingEngine.getInstance()} to obtain the properly
* registered (and possibly trace-enabled) version of the RenderingEngine.
*/
```

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zip/com/sun/tools/classfile/DefaultAttribute.java
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zip/com/sun/media/sound/SF2LayerRegion.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/classfile/AccessFlags.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/classfile/Code_attribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/java2d/cmm/lcms/LCMSImageLayout.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javap/CodeWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/media/sound/SF2GlobalRegion.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javap/AttributeWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/media/sound/ModelStandardTransform.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/nio/file/attribute/UserDefinedFileAttributeView.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/nio/channels/MulticastChannel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/DirectoryStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/classfile/Attribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/attribute/package-info.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/media/sound/ModelConnectionBlock.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javap/Options.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/media/sound/SoftJitterCorrector.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/resources/zh/CurrencyNames_zh_SG.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/media/sound/SoftProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/channels/AsynchronousChannel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/media/sound/EmergencySoundbank.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/media/sound/SoftReverb.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/media/sound/AudioSynthesizerPropertyInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/channels/AsynchronousServerSocketChannel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/media/sound/SoftLinearResampler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/spi/FileSystemProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/channels/spi/AsynchronousChannelProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/net/ProtocolFamily.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/media/sound/SoftLanczosResampler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/bind/DatatypeConverterImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/attribute/AclFileAttributeView.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/cert/Extension.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/package-info.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/sjavac/comp/SmartWriter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/stream/DoubleStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/stream/MatchOps.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/net/ssl/SNIHostName.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/function/DoubleFunction.java
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zip/sun/reflect/annotation/AnnotationSupport.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/OptionalDouble.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/internal/util/xml/impl/Parser.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/doclint/Env.java
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zip/java/lang/reflect/AnnotatedArrayType.java
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*/
/*
   * If QOP is set to 'auth-conf', a DIGEST-MD5 mechanism must have
   * support for the DES and Triple DES cipher algorithms (optionally,
   * support for RC4 [128/56/40 bit keys] ciphers) to provide for
   * confidentiality. See RFC 2831 for details. This implementation
   * provides support for DES, Triple DES and RC4 ciphers.
   *
   * The value of strength effects the strength of cipher used. The mappings
   * of 'high', 'medium', and 'low' give the following behaviour.
   *
   *  HIGH_STRENGTH   - Triple DES
   *                  - RC4 (128bit)
   *  MEDIUM_STRENGTH - DES
   *                  - RC4 (56bit)
   *  LOW_SRENGTH     - RC4 (40bit)
   */
/**
   * Implementation
 of the SecurityCtx interface allowing for messages
   * between the client and server to be integrity checked and encrypted.
   * After a successful DIGEST-MD5 authentication, privacy is invoked if the
   * SASL QOP (quality-of-protection) is set to 'auth-conf'.
   * <p>
   * Further details on the integrity-protection mechanism can be found
   * at section 2.4 - Confidentiality protection in
   * <a href="http://www.ietf.org/rfc/rfc2831.txt">RFC2831</a> definition.
   *
   * @author Jonathan Bruce
   */
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/security/sasl/digest/DigestMD5Base.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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*/
/**
    * Returns the subset of the supported cipher suites which are
    * enabled by default.  These cipher suites all provide a minimum
    * quality of service whereby the server authenticates itself
    * (preventing person-in-the-middle attacks) and where traffic
    * is encrypted to provide confidentiality.
    */
/**
    * Returns the names of the cipher suites which could be enabled for use
    * on an SSL connection.  Normally, only a subset of these will actually
    * be enabled by default, since this list may include cipher suites which
    * do not support the mutual authentication of servers and clients, or
    * which do not protect data confidentiality.  Servers may also need

   * certain kinds of certificates to use certain cipher suites.
    *
    * @return an array of cipher suite names
    */
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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zip/com/sun/org/apache/xerces/internal/xni/XMLAttributes.java

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zip/com/sun/org/apache/xerces/internal/impl/XMLEntityHandler.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/xni/parser/XMLInputSource.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/xs/AttributePSVImpl.java
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*
* @version 1.0
* @author Copyright (c) 2009 by Oracle Corporation. All Rights Reserved.
* @see XMLEvent
* @since 1.6
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/stream/events/EndElement.java
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//  behave in a "proprietary manner" otherwise.
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/corba/se/idl/Arguments.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xpath/internal/res/XPATHErrorResources.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/logging/ErrorManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/encoding/CodeSetConversion.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/imageio/plugins/gif/GIFStreamMetadataFormat.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/pept/transport/Acceptor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/imageio/plugins/gif/GIFImageMetadataFormat.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/DelegatingDefaultFocusManager.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/pept/protocol/MessageMediator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/com/sun/imageio/plugins/png/PNGMetadataFormat.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/oa/toa/TOAImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/print/attribute/standard/PrinterURI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/encoding/CDRInputObject.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/ClassFileAssembler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/protocol/CorbaClientDelegateImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/encoding/CDROutputObject.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/encoding/CodeSetCache.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/pept/transport/ContactInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/loops/ScaledBlit.java
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*/
/**
    * Returns an array containing all of the elements in this list
    * in proper sequence (from first to last element).
```

```
    *
    * <p>The returned array will be "safe" in that no references to it are
    * maintained by this list.  (In other words, this method must allocate
    * a new array).  The caller is thus free to modify the returned array.
    *
    * <p>This method acts as bridge between array-based and collection-based
    * APIs.
    *
    * @return an array containing all of the elements in this list in
    *         proper sequence
    */
```

Found in path(s):
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/mbeanserver/MBeanServerDelegateImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/SnmpEngineParameters.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/Perf.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/IPAcl/JDMNetMaskV6.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/DoubleByteEncoder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/transport/CorbaContactInfoListImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/synth/SynthBorder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/ISO2022_KR.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/ISO2022_CN_CNS.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/rmi/CORBA/ValueHandlerMultiFormat.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/ISO2022_CN_GB.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/timer/TimerAlarmClockNotification.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jmx/snmp/IPAcl/JDMNetMask.java
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zip/com/sun/java/accessibility/util/GUIInitializedMulticaster.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/accessibility/util/AccessibilityListenerList.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/EPollSelectorImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xalan/internal/xsltc/trax/StAXStream2SAX.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/accessibility/util/TopLevelWindowMulticaster.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xalan/internal/xsltc/trax/StAXEvent2SAX.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/stream/XMLEntityStorage.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/locale/provider/LocaleDataMetaInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/PBKDF2KeyImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/PropertyChangeEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/applet/resources/MsgAppletViewer_fr.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/BeanDescriptor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/acl/GroupImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/FeatureDescriptor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/www/http/KeepAliveCache.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/server/UID.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/Void.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/Queue.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/acl/AclEntryImpl.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/PropertyEditorManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/AVA.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/server/RemoteObject.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/RequestProcessor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/transport/LiveRef.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/www/HeaderParser.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/FontDescriptor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/applet/resources/MsgAppletViewer_it.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/acl/AclImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/Writer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs/ContentInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/applet/resources/MsgAppletViewer_es.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/nio/ch/sctp/SctpStdSocketOption.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/com/sun/nio/sctp/IllegalUnbindException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/Objects.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/classfile/Instruction.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/ftp/FtpClient.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/logging/PlatformLogger.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/GBK.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/nio/sctp/SctpStandardSocketOptions.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/JIS_X_0208.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/nio/sctp/Association.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/nio/sctp/SctpSocketOption.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/nio/sctp/package-info.java
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zip/com/sun/nio/sctp/ShutdownNotification.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/PBES1Core.java
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zip/com/sun/tools/javadoc/ParameterizedTypeImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/jules/JulesPathBuf.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/jules/JulesShapePipe.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/CryptoPrimitive.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/xr/XIDGenerator.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/xr/XcbRequestCounter.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/MS950_HKSCS.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/Paint.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/hat/internal/server/AllRootsQuery.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/hat/internal/util/Misc.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/rmi/activation/ActivationGroupDesc.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/hat/internal/parser/PositionInputStream.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/hat/internal/server/QueryListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/hat/internal/model/JavaObjectArray.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/hat/internal/model/JavaDouble.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/hat/internal/server/ObjectQuery.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/jar/JarException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/hat/internal/model/JavaBoolean.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/hat/internal/oql/OQLEngine.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/basic/BasicToggleButtonUI.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/hat/internal/server/FinalizerSummaryQuery.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/undo/StateEdit.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/hat/internal/util/VectorSorter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/text/rtf/RTFParser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/hat/internal/model/JavaInt.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/text/html/HRuleView.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/hat/internal/parser/MappedReadBuffer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/hat/internal/model/JavaValueArray.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/hat/internal/model/JavaObject.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/hat/internal/model/ReachableExcludes.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/text/rtf/RTFGenerator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/hat/internal/model/JavaByte.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/hat/internal/model/JavaThing.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/hat/internal/model/JavaStatic.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/hat/internal/server/RootStackQuery.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/text/rtf/MockAttributeSet.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/hat/internal/util/ArraySorter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/hat/internal/parser/PositionDataInputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/hat/internal/model/StackTrace.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/hat/internal/oql/OQLException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/hat/internal/server/InstancesQuery.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/swing/plaf/motif/MotifGraphicsUtils.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/hat/internal/model/JavaFloat.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/hat/internal/util/Comparer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/CertificatePolicySet.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/hat/internal/model/ReachableExcludesImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/hat/internal/model/JavaValue.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/hat/internal/oql/ObjectVisitor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/hat/internal/model/HackJavaValue.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/hat/internal/model/JavaClass.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/hat/internal/parser/HprofReader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/hat/internal/server/FinalizerObjectsQuery.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/DebugGraphicsInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/undo/UndoableEditSupport.java

*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/hat/internal/model/JavaShort.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/hat/internal/model/ReachableObjects.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/hat/internal/server/HistogramQuery.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/hat/internal/model/Root.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/FileChooserUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/hat/internal/parser/ReadBuffer.java
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*/
// NO WARRANTY! This class is in the Public Domain.
/**
* Factory for creating an XML reader.
*
* <blockquote>
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* Public Domain, and comes with NO WARRANTY.
* See http://www.saxproject.org
* for further information.

```
* </blockquote>
*
* <p>This class contains static methods for creating an XML reader
* from an explicit class name, or based on runtime defaults:</p>
*
* <pre>
* try {
*   XMLReader myReader = XMLReaderFactory.createXMLReader();
* } catch (SAXException e) {
*   System.err.println(e.getMessage());
* }
* </pre>
*
* <p><strong>Note to Distributions bundled
 with parsers:</strong>
* You should modify the implementation of the no-arguments
* <em>createXMLReader</em> to handle cases where the external
* configuration mechanisms aren't set up.  That method should do its
* best to return a parser when one is in the class path, even when
* nothing bound its class name to <code>org.xml.sax.driver</code> so
* those configuration mechanisms would see it.</p>
*
* @since SAX 2.0
* @author David Megginson, David Brownell
* @version 2.0.1 (sax2r2)
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/xml/sax/helpers/XMLReaderFactory.java
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*/
/*
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*/
/**
* This is the base class for deriving an XMLEventReader
* filter.
*
* This class is designed to sit between an XMLEventReader and an
* application's XMLEventReader.  By default each method
* does nothing but call the corresponding method on the
* parent interface.
*
* @version 1.0
* @author Copyright (c) 2009 by Oracle Corporation. All Rights Reserved.
* @see javax.xml.stream.XMLEventReader
* @see StreamReaderDelegate
* @since 1.6
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/stream/util/EventReaderDelegate.java
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* questions.
*/
/**
    * Returns a name for the given time zone ID that's suitable for
    * presentation to the user in the specified locale. The given time
    * zone ID is "GMT" or one of the names defined using "Zone" entries
    * in the "tz database", a public domain time zone database at
    * <a href="ftp://elsie.nci.nih.gov/pub/">ftp://elsie.nci.nih.gov/pub/</a>.
    * The data of this database is contained in a file whose name starts with
    * "tzdata", and the specification of the data format is part of the zic.8
    * man page, which is contained in a file whose name starts with "tzcode".
    * <p>
    * If <code>daylight</code> is true, the method should return a name
    * appropriate for daylight
 saving time even if the specified time zone
    * has not observed daylight saving time in the past.
    *
    * @param ID a time zone ID string
    * @param daylight if true, return the daylight saving name.
    * @param style either {@link java.util.TimeZone#LONG TimeZone.LONG} or
    *    {@link java.util.TimeZone#SHORT TimeZone.SHORT}
    * @param locale the desired locale
    * @return the human-readable name of the given time zone in the
    *     given locale, or null if it's not available.
    * @exception IllegalArgumentException if <code>style</code> is invalid,
    *     or <code>locale</code> isn't one of the locales returned from
    *     {@link java.util.spi.LocaleServiceProvider#getAvailableLocales()
    *     getAvailableLocales()}.
    * @exception NullPointerException if <code>ID</code> or <code>locale</code>
    *     is null
    * @see java.util.TimeZone#getDisplayName(boolean, int, java.util.Locale)
    */
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/spi/TimeZoneNameProvider.java
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/jgss/krb5/WrapToken.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/imageio/spi/RAFImageInputStreamSpi.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/imageio/plugins/png/PNGImageWriterSpi.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/imageio/spi/RAFImageOutputStreamSpi.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/IOVecWrapper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/PipeImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/imageio/spi/OutputStreamImageOutputStreamSpi.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/jgss/GSSNameImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/java2d/HeadlessGraphicsEnvironment.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/basic/BasicSpinnerUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/imageio/plugins/gif/GIFImageReaderSpi.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/Surrogate.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/UnicodeEncoder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/imageio/spi/FileImageInputStreamSpi.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/com/sun/imageio/plugins/png/PNGImageReaderSpi.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/imageio/spi/FileImageOutputStreamSpi.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/orbutil/CorbaResourceUtil.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/imageio/spi/InputStreamImageInputStreamSpi.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/corba/se/impl/encoding/BufferManagerWriteStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/Interruptible.java
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// NO WARRANTY!  This class is in the public domain.
/**
* Default implementation of the Attributes interface.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
*
* <p>This class provides a default implementation of the SAX2
```

```
* {@link org.xml.sax.Attributes Attributes} interface, with the
* addition of manipulators so that the list can be modified or
* reused.</p>
*
* <p>There are two typical uses of this class:</p>
*
* <ol>
* <li>to take a persistent snapshot of an Attributes object
*  in a {@link org.xml.sax.ContentHandler#startElement startElement} event; or</li>
* <li>to construct
 or modify an Attributes object in a SAX2 driver or filter.</li>
* </ol>
*
* <p>This class replaces the now-deprecated SAX1 {@link
* org.xml.sax.helpers.AttributeListImpl AttributeListImpl}
* class; in addition to supporting the updated Attributes
* interface rather than the deprecated {@link org.xml.sax.AttributeList
* AttributeList} interface, it also includes a much more efficient
* implementation using a single array rather than a set of Vectors.</p>
*
* @since SAX 2.0
* @author David Megginson,
*        <a href="mailto:sax@megginson.com">sax@megginson.com</a>
* @version 2.0
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/xsom/impl/parser/state/AttributesImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/www/protocol/http/HttpAuthenticator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/server/RemoteRef.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/server/Skeleton.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/ServerRuntimeException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/ReplicateScaleFilter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/VMNotification.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/CertParseError.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/server/SkeletonMismatchException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/ServerRequest.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/reflect/InvocationTargetException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/javac/ErrorConsumer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/Externalizable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/server/LoaderHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/RMISecurityException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/server/Operation.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/PrincipalHolder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/CertException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/net/ssl/SSLException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/StringWriter.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xalan/internal/xsltc/compiler/XSLTC.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xml/internal/res/XMLErrorResources_zh_HK.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/event/AWTEventListenerProxy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/crypto/interfaces/PBEKey.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/MBeanServerPermission.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/charset/CoderMalfunctionError.java
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/internal/ReferralsCache.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/WStringValueHelper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/util/Version.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/util/RepositoryIdCache.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/corba/se/impl/io/OptionalDataException.java
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*/
/**
 * DOM Level 3 LS CR - Experimental.
 * Create a new <code>LSParser</code>. The newly constructed parser may
 * then be configured by means of its <code>DOMConfiguration</code>
 * object, and used to parse documents by means of its <code>parse</code>
 * method.
 * @param mode
 The <code>mode</code> argument is either
 * <code>MODE_SYNCHRONOUS</code> or <code>MODE_ASYNCHRONOUS</code>, if

```
    *   <code>mode</code> is <code>MODE_SYNCHRONOUS</code> then the
    *   <code>LSParser</code> that is created will operate in synchronous
    *   mode, if it's <code>MODE_ASYNCHRONOUS</code> then the
    *   <code>LSParser</code> that is created will operate in asynchronous
    *   mode.
    * @param schemaType  An absolute URI representing the type of the schema
    *   language used during the load of a <code>Document</code> using the
    *   newly created <code>LSParser</code>. Note that no lexical checking
    *   is done on the absolute URI. In order to create a
    *   <code>LSParser</code> for any kind of schema types (i.e. the
    *   LSParser will be free to use any schema found), use the value
    *   <code>null</code>.
    * <p ><b>Note:</b>    For W3C XML Schema [<a href='http://www.w3.org/TR/2001/REC-xmlschema-1-
20010502/'>XML Schema Part
 1</a>]
    *   , applications must use the value
    *   <code>"http://www.w3.org/2001/XMLSchema"</code>. For XML DTD [<a
href='http://www.w3.org/TR/2000/REC-xml-20001006'>XML 1.0</a>],
    *   applications must use the value
    *   <code>"http://www.w3.org/TR/REC-xml"</code>. Other Schema languages
    *   are outside the scope of the W3C and therefore should recommend an
    *   absolute URI in order to use this method.
    * @return  The newly created <code>LSParser</code> object. This
    *   <code>LSParser</code> is either synchronous or asynchronous
    *   depending on the value of the <code>mode</code> argument.
    * <p ><b>Note:</b>    By default, the newly created <code>LSParser</code>
    *    does not contain a <code>DOMErrorHandler</code>, i.e. the value of
    *   the "<a href='http://www.w3.org/TR/2003/WD-DOM-Level-3-Core-20030609/core.html#parameter-error-
handler'>
    *   error-handler</a>" configuration parameter is <code>null</code>. However, implementations
     *   may provide a default error handler at creation time. In that case,
    *   the initial value of the <code>"error-handler"</code> configuration
    *   parameter on the new created <code>LSParser</code> contains a
    *   reference to the default error handler.
    * @exception DOMException
    *    NOT_SUPPORTED_ERR: Raised if the requested mode or schema type is
    *   not supported.
        */
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/dom/CoreDOMImplementationImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/ArrayExpression.java
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zip/sun/tools/tree/LessOrEqualExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/tree/AssignBitAndExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/LocalMember.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/AssignExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/BufferedOutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/CommaExpression.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/OrExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/net/www/protocol/http/Handler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/www/protocol/file/Handler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/IncDecExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/CaseStatement.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/ExpressionStatement.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/CastExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/FloatExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/ConvertExpression.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/asm/ClassConstantData.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/IntegerExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/UnaryExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/sun/tools/tree/AssignAddExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/asm/FieldConstantData.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/ShortExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/tree/BinaryEqualityExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/AndExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/NaryExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/tree/UnsignedShiftRightExpression.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/tree/InlineMethodExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/tree/BinaryLogicalExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/CharExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/tree/AssignSubtractExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/tree/AssignDivideExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/ForStatement.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/tree/AssignShiftLeftExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/BitXorExpression.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/java/CompilerError.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/tree/AssignBitOrExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/ThrowStatement.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/tree/BinaryArithmeticExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/NegativeExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/java/ClassType.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/GreaterExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/ContinueStatement.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/java/BinaryAttribute.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/ThisExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/tree/AssignUnsignedShiftRightExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/MultiplyExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/tree/ShiftRightExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/Statement.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/tree/BinaryShiftExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/BinaryExpression.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/StringExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/asm/CatchData.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/tools/asm/StringExpressionConstantData.java
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zip/sun/tools/tree/VarDeclarationStatement.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/BinaryCompareExpression.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/DivideExpression.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/tree/NewInstanceExpression.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/RDN.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/ProtocolVersion.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XlibWrapper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/Disposer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/code/Source.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/NameGenerator.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/AuthResources_es.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/dns/ResourceRecords.java
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zip/javax/imageio/metadata/IIOMetadataNode.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/bind/marshaller/DumbEscapeHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/internal/xjc/generator/bean/ObjectFactoryGenerator.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/bind/v2/runtime/unmarshaller/DefaultIDResolver.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/bind/v2/schemagen/MultiMap.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/CertificatePolicyId.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/internal/xjc/generator/bean/field/FieldRendererFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/bind/v2/runtime/property/Messages.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/xsom/impl/RestrictionSimpleTypeImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/internal/xjc/reader/xmlschema/bindinfo/BIConversion.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/UnresolvedPermissionCollection.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/bind/v2/runtime/unmarshaller/AttributesEx.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/internal/xjc/api/impl/s2j/JAXBModelImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/internal/xjc/generator/bean/field/IsSetFieldRenderer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/internal/xjc/generator/package-info.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/bind/v2/model/impl/DummyPropertyInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/bind/v2/util/FlattenIterator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/internal/xjc/api/impl/s2j/ElementMappingImpl.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/bind/v2/runtime/property/ValueProperty.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/bind/marshaller/MinimumEscapeHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/bind/v2/runtime/Location.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/internal/xjc/reader/xmlschema/DefaultParticleBinder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/crypto/spec/DESKeySpec.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/bind/v2/model/annotation/FieldLocatable.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/internal/xjc/reader/TypeUtil.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/bind/v2/runtime/Coordinator.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/bind/v2/runtime/unmarshaller/Patcher.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/internal/xjc/model/CCustomizable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/internal/xjc/reader/xmlschema/ct/FreshComplexTypeBuilder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/internal/xjc/generator/util/WhitespaceNormalizer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/internal/xjc/addon/sync/SynchronizedMethodAddOn.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/bind/v2/schemagen/episode/Bindings.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/bind/IDResolver.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/bind/v2/model/annotation/ClassLocatable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/x509/CertificateVersion.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/bind/v2/model/runtime/RuntimeNonElementRef.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/bind/v2/runtime/reflect/AdaptedAccessor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/codemodel/internal/JNarrowedClass.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/internal/xjc/model/CClassRef.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/internal/xjc/reader/xmlschema/bindinfo/BIXSubstitutable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/bind/v2/model/impl/GetterSetterPropertySeed.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/ldap/LdapReferralException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/SSLContextImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/directory/BasicAttributes.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/ldap/EventSupport.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/regex/Pattern.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/tree/TreeInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/directory/BasicAttribute.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/ldap/LdapCtx.java
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// more details.

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/GregorianCalendar.java
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*/
/**
* Basic interface for resolving entities.
*
* <blockquote>
* This module, both source code and documentation, is in the
* Public Domain, and comes with NO WARRANTY.

```
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>If a SAX application needs to implement customized handling
* for external entities, it must implement this interface and
* register an instance with the SAX driver using the
* {@link org.xml.sax.XMLReader#setEntityResolver setEntityResolver}
* method.</p>
*
* <p>The XML reader will then allow the application to intercept any
* external entities (including the external DTD subset
 and external
* parameter entities, if any) before including them.</p>
*
* <p>Many SAX applications will not need to implement this interface,
* but it will be especially useful for applications that build
* XML documents from databases or other specialized input sources,
* or for applications that use URI types other than URLs.</p>
*
* <p>The following resolver would provide the application
* with a special character stream for the entity with the system
* identifier "http://www.myhost.com/today":</p>
*
* <pre>
* import org.xml.sax.EntityResolver;
* import org.xml.sax.InputSource;
*
* public class MyResolver implements EntityResolver {
*   public InputSource resolveEntity (String publicId, String systemId)
*   {
*     if (systemId.equals("http://www.myhost.com/today")) {
*             // return a special input source
*       MyReader reader = new MyReader();
*       return new InputSource(reader);
*     } else {
*             // use the default behaviour
*
    return null;
*     }
*   }
* }
* </pre>
*
* <p>The application can also use this interface to redirect system
* identifiers to local URIs or to look up replacements in a catalog
* (possibly by using the public identifier).</p>
*
```

```
* @since SAX 1.0
* @author David Megginson
* @see org.xml.sax.XMLReader#setEntityResolver
* @see org.xml.sax.InputSource
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/internal/org/xml/sax/EntityResolver.java
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*/
/**
* Used to generate a "symbol file" representing rt.jar that only
* includes supported or legacy proprietary API.  Valid annotation
* processor options:
*
* <dl>
* <dt>com.sun.tools.javac.sym.Jar</dt>
* <dd>Specifies the location of rt.jar.</dd>
* <dt>com.sun.tools.javac.sym.Dest</dt>
* <dd>Specifies the destination directory.</dd>
* </dl>
*
```

```
* <p><b>This is NOT part of any supported API.
* If you write code that depends on this, you do so at your own
* risk.  This code and its internal interfaces are subject to change
* or deletion without notice.</b></p>
*
* @author Peter von der Ah\u00e9
*/
// System.out.println("Legacy proprietary: " + className);
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/sym/CreateSymbols.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/example/debug/tty/EventHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/basic/BasicComboPopup.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/MethodImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/example/debug/tty/TTY.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/doclets/formats/html/ConfigurationImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XVerticalScrollbar.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/loading/PrivateClassLoader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/EphemeralKeyManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XHorizontalScrollbar.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/remote/JMXProviderException.java
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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/java/swing/plaf/windows/XPStyle.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/AESConstants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/swing/plaf/WindowsKeybindings.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/remote/rmi/RMIServer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/NotificationEmitter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/swing/plaf/GTKKeybindings.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/mbeanserver/ModifiableClassLoaderRepository.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/loading/PrivateMLet.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/IPAcl/NetMaskImpl.java
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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/remote/JMXServerErrorException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/MBeanServerBuilder.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/loading/ClassLoaderRepository.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/security/jgss/package-info.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/Contended.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/PrimitiveIterator.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/api/model/wsdl/editable/EditableWSDLFault.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/doclets/formats/html/AbstractProfileIndexWriter.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/FDBigInteger.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/client/sei/MethodUtil.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/spi/CalendarProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/api/model/wsdl/editable/EditableWSDLPortType.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jconsole/ExceptionSafePlugin.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/cmm/Profile.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/stream/LongStream.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/InnocuousThread.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/security/auth/package-info.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/jdp/JdpPacketReader.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/doclets/formats/html/ProfilePackageIndexFrameWriter.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/LightweightFrame.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/cmm/lcms/LCMSProfile.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/api/server/MethodUtil.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/GThreadHelper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/StringJoiner.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/locale/provider/CalendarProviderImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/jdp/JdpException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/api/model/wsdl/editable/EditableWSDLOperation.java

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*/
/**
    * Create the perfdata instrumentation buffer for the given lvmid
    * using the given ByteBuffer object as the source of the instrumentation
    * data. This method parses the instrumentation buffer header to determine
    * key characteristics of the instrumentation buffer and then dynamically
    * loads the appropriate class to handle the particular instrumentation
    * version.
    *
    * @param bb the ByteBuffer that references the instrumentation data.
    * @param lvmid the Local Java Virtual Machine identifier for this
    *             instrumentation buffer.
    *
    * @throws MonitorException
    */
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/jvmstat/perfdata/monitor/AbstractPerfDataBuffer.java
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*/
/**
* This class enables a programmer to create an object and protect its

```
* confidentiality with a cryptographic algorithm.
*
* <p> Given any Serializable object, one can create a SealedObject
* that encapsulates the original object, in serialized
* format (i.e., a "deep copy"), and seals (encrypts) its serialized contents,
* using a cryptographic algorithm such as AES, to protect its
* confidentiality.  The encrypted content can later be decrypted (with
* the corresponding algorithm using the correct decryption key) and
* de-serialized, yielding the original object.
*
* <p> Note that the Cipher object must be fully initialized with the
* correct algorithm, key, padding scheme, etc., before being
 applied
* to a SealedObject.
*
* <p> The original object that was sealed can be recovered in two different
* ways:
*
* <ul>
*
* <li>by using the {@link #getObject(javax.crypto.Cipher) getObject}
* method that takes a <code>Cipher</code> object.
*
* <p> This method requires a fully initialized <code>Cipher</code> object,
* initialized with the
* exact same algorithm, key, padding scheme, etc., that were used to seal the
* object.
*
* <p> This approach has the advantage that the party who unseals the
* sealed object does not require knowledge of the decryption key. For example,
* after one party has initialized the cipher object with the required
* decryption key, it could hand over the cipher object to
* another party who then unseals the sealed object.
*
* <li>by using one of the
* {@link #getObject(java.security.Key) getObject} methods
* that take a <code>Key</code> object.
*
* <p> In this approach, the <code>getObject</code> method creates a cipher
* object
 for the appropriate decryption algorithm and initializes it with the
* given decryption key and the algorithm parameters (if any) that were stored
* in the sealed object.
*
* <p> This approach has the advantage that the party who
* unseals the object does not need to keep track of the parameters (e.g., an
* IV) that were used to seal the object.
*
```

```
* </ul>
*
* @author Li Gong
* @author Jan Luehe
* @see Cipher
* @since 1.4
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/crypto/SealedObject.java
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*/
/**
* Represents OASIS Open Catalog files.
 *
* <p>This class implements the semantics of OASIS Open Catalog files
* (defined by
* <a href="http://www.oasis-open.org/html/a401.htm">OASIS Technical
* Resolution 9401:1997 (Amendment 2 to TR 9401)</a>).</p>
*
* <p>The primary purpose of the Catalog is to associate resources in the
* document with local system identifiers. Some entities
* (document types, XML entities, and notations) have names and all of them
* can have either public or system identifiers or both. (In XML, only a
* notation can have a public identifier without a system identifier, but
* the methods implemented in this class obey the Catalog semantics
* from the SGML
* days when system identifiers were optional.)</p>
*
```

```
* <p>The system identifiers returned by the resolution methods in this
* class are valid, i.e. usable by, and in fact constructed by, the
* <tt>java.net.URL</tt> class. Unfortunately, this class seems to behave in
* somewhat non-standard ways and the system identifiers returned may
 * not be directly usable in a browser or filesystem context.
*
* <p>This class recognizes all of the Catalog entries defined in
* TR9401:1997:</p>
*
* <ul>
* <li><b>BASE</b>
* changes the base URI for resolving relative system identifiers. The
* initial base URI is the URI of the location of the catalog (which is,
* in turn, relative to the location of the current working directory
* at startup, as returned by the <tt>user.dir</tt> system property).</li>
* <li><b>CATALOG</b>
* processes other catalog files. An included catalog occurs logically
* at the end of the including catalog.</li>
* <li><b>DELEGATE_PUBLIC</b>
* specifies alternate catalogs for some public identifiers. The delegated
* catalogs are not loaded until they are needed, but they are cached
* once loaded.</li>
* <li><b>DELEGATE_SYSTEM</b>
* specifies alternate catalogs for some system identifiers. The delegated
* catalogs are not loaded until they are needed, but they are cached
* once loaded.</li>
 * <li><b>DELEGATE_URI</b>
* specifies alternate catalogs for some URIs. The delegated
* catalogs are not loaded until they are needed, but they are cached
* once loaded.</li>
* <li><b>REWRITE_SYSTEM</b>
* specifies alternate prefix for a system identifier.</li>
* <li><b>REWRITE_URI</b>
* specifies alternate prefix for a URI.</li>
* <li><b>SYSTEM_SUFFIX</b>
* maps any system identifier that ends with a particular suffix to another
* system identifier.</li>
* <li><b>URI_SUFFIX</b>
* maps any URI that ends with a particular suffix to another URI.</li>
* <li><b>DOCTYPE</b>
* associates the names of root elements with URIs. (In other words, an XML
* processor might infer the doctype of an XML document that does not include
* a doctype declaration by looking for the DOCTYPE entry in the
* catalog which matches the name of the root element of the document.)</li>
* <li><b>DOCUMENT</b>
* provides a default document.</li>
* <li><b>DTDDECL</b>
* recognized and silently ignored.
```

```
 Not relevant for XML.</li>
* <li><b>ENTITY</b>
* associates entity names with URIs.</li>
* <li><b>LINKTYPE</b>
* recognized and silently ignored. Not relevant for XML.</li>
* <li><b>NOTATION</b>
* associates notation names with URIs.</li>
* <li><b>OVERRIDE</b>
* changes the override behavior. Initial behavior is set by the
* system property <tt>xml.catalog.override</tt>. The default initial
* behavior is 'YES', that is, entries in the catalog override
* system identifiers specified in the document.</li>
* <li><b>PUBLIC</b>
* maps a public identifier to a system identifier.</li>
* <li><b>SGMLDECL</b>
* recognized and silently ignored. Not relevant for XML.</li>
* <li><b>SYSTEM</b>
* maps a system identifier to another system identifier.</li>
* <li><b>URI</b>
* maps a URI to another URI.</li>
* </ul>
*
* <p>Note that BASE entries are treated as described by RFC2396. In
* particular, this has the counter-intuitive property that after a BASE
* entry identifing
 "http://example.com/a/b/c" as the base URI,
* the relative URI "foo" is resolved to the absolute URI
* "http://example.com/a/b/foo". You must provide the trailing slash if
* you do not want the final component of the path to be discarded as a
* filename would in a URI for a resource: "http://example.com/a/b/c/".
* </p>
*
* <p>Note that subordinate catalogs (all catalogs except the first,
* including CATALOG and DELEGATE* catalogs) are only loaded if and when
* they are required.</p>
*
* <p>This class relies on classes which implement the CatalogReader
* interface to actually load catalog files. This allows the catalog
* semantics to be implemented for TR9401 text-based catalogs, XML
* catalogs, or any number of other storage formats.</p>
*
* <p>Additional catalogs may also be loaded with the
* {@link #parseCatalog} method.</p>
* </dd>
* </dl>
*
* <p><b>Change Log:</b></p>
* <dl>
```

```
* <dt>2.0</dt>
* <dd><p>Rewrite to use CatalogReaders.</p></dd>
* <dt>1.1</dt>
*
 <dd><p>Allow quoted components in <tt>xml.catalog.files</tt>
* so that URLs containing colons can be used on Unix.
* The string passed to <tt>xml.catalog.files</tt> can now have the form:</p>
* <pre>
* unquoted-path-with-no-sep-chars:"double-quoted path with or without sep chars":'single-quoted path with or
without sep chars'
* </pre>
* <p>(Where ":" is the separater character in this example.)</p>
* <p>If an unquoted path contains an embedded double or single quote
* character, no special processig is performed on that character. No
* path can contain separater characters, double, and single quotes
* simultaneously.</p>
* <p>Fix bug in calculation of BASE entries: if
* a catalog contains multiple BASE entries, each is relative to the preceding
* base, not the default base URI of the catalog.</p>
* </dd>
* <dt>1.0.1</dt>
* <dd><p>Fixed a bug in the calculation of the list of subordinate catalogs.
* This bug caused an infinite loop where parsing would alternately process
 * two catalogs indefinitely.</p>
* </dd>
* </dl>
*
* @see CatalogReader
* @see CatalogEntry
*
* @author Norman Walsh
* <a href="mailto:Norman.Walsh@Sun.COM">Norman.Walsh@Sun.COM</a>
*
* @version 1.0
*
* <p>Derived from public domain code originally published by Arbortext,
* Inc.</p>
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xml/internal/resolver/Catalog.java
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/**
* SAX2 extension to augment the per-attribute information
* provided though {@link Attributes}.
* If an implementation supports this extension, the attributes
* provided in {@link org.xml.sax.ContentHandler#startElement
* ContentHandler.startElement() } will implement this interface,
* and the <em>http://xml.org/sax/features/use-attributes2</em>
* feature flag will have the value <em>true</em>.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* </blockquote>
*
* <p> XMLReader implementations are not required to support this
* information, and it is not part of
 core-only SAX2 distributions.</p>
*
* <p>Note that if an attribute was defaulted (<em>!isSpecified()</em>)
* it will of necessity also have been declared (<em>isDeclared()</em>)
* in the DTD.
* Similarly if an attribute's type is anything except CDATA, then it
* must have been declared.
* </p>
*
* @since SAX 2.0 (extensions 1.1 alpha)
```

* @author David Brownell
*/

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/xml/sax/ext/Attributes2.java
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zip/sun/text/resources/th/FormatData_th.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/IllegalArgumentException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/StringIndexOutOfBoundsException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/NoSuchElementException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/Observable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/Object.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/NumberFormatException.java
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* questions.
*/
/**
    * Returns the permissions for the given codesource object.
    * The implementation of this method first calls super.getPermissions,
    * to get the permissions
    * granted by the super class, and then adds additional permissions
    * based on the URL of the codesource.
    * <p>
    * If the protocol is "file"
    * and the path specifies a file, permission is granted to read all files
    * and (recursively) all files and subdirectories contained in
    * that directory. This is so applets with a codebase of
    * file:/blah/some.jar can read in file:/blah/, which is needed to
    * be backward compatible. We also add permission to connect back to
    * the "localhost".
    *

  * @param codesource the codesource
    * @throws NullPointerException if {@code codesource} is {@code null}.
    * @return the permissions granted to the codesource
    */
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jstat/ColumnFormat.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/bind/annotation/XmlRootElement.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jconsole/inspector/XTextField.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jps/Jps.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jconsole/ThreadTab.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jdi/JDIPermission.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jconsole/VMPanel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/swing/plaf/synth/Paint9Painter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/bind/annotation/XmlElements.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jconsole/inspector/Utils.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jconsole/JConsole.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/TRANSACTION_UNAVAILABLE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/AssertionStatusDirectives.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/rmi/server/RMIClassLoaderSpi.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/ResourcesMgr.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/accessibility/AccessibleEditableText.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/UnicodeDecoder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/jgss/GSSExceptionImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/jgss/krb5/Krb5Token.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/jgss/spi/MechanismFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/logging/Formatter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/transform/sax/TransformerHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/multi/MultiRootPaneUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/parsers/DocumentBuilder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/jgss/GSSHeader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/jgss/TokenTracker.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/accessibility/AccessibleExtendedComponent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/channels/ScatteringByteChannel.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/relation/RelationTypeSupport.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/RandomAccess.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/omg/CORBA/TRANSACTION_MODE.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/sql/ConnectionEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/xml/transform/sax/SAXSource.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/imageio/stream/MemoryCacheImageOutputStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/font/X11TextRenderer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/security/sasl/gsskerb/FactoryImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/sql/RowSetEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/sql/ParameterMetaData.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/metal/MetalTitlePane.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/jgss/krb5/MicToken.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/accessibility/AccessibleKeyBinding.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/agent/SnmpEntryOid.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/VolatileImage.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/locale/InternalLocaleBuilder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/locale/BaseLocale.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/locale/UnicodeLocaleExtension.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/locale/Extension.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/locale/LocaleObjectCache.java
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*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/XML11DTDScannerImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/XMLVersionDetector.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/DPathConsumer2D.java
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zip/com/sun/xml/internal/fastinfoset/tools/TransformInputOutput.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/dom/DOMDocumentParser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/stax/events/StartElementEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/stax/factory/StAXOutputFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/fastinfoset/tools/SAXEventSerializer.java
*
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zip/com/sun/xml/internal/fastinfoset/CommonResourceBundle.java
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*/
/** Visitor argument: the currently expected attribution result.
    */
// be undetected cycles which cause attribution to loop
//create an environment for attribution of the lambda expression
/* Map to hold 'fake' clinit methods. If a lambda is used to initialize a
        * static field and that lambda has type annotations, these annotations will
        * also be stored at these fake clinit methods.
        *
        * LambdaToMethod also use fake clinit methods so they can be reused.
        * Also as LTM is a phase subsequent to attribution, the methods from
        * clinits can be safely removed by LTM to save memory.
        */
//give up attribution of method reference
/** Finish the attribution
 of a class. */
// <editor-fold desc="post-attribution visitor">
/**
    * Handle missing types/symbols in an AST. This routine is useful when
    * the compiler has encountered some errors (which might have ended up
    * terminating attribution abruptly); if the compiler is used in fail-over
    * mode (e.g. by an IDE) and the AST contains semantic errors, this routine
    * prevents NPE to be progagated during subsequent compilation steps.
    */
```

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zip/com/sun/tools/classfile/BootstrapMethods_attribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/javac/api/MultiTaskListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/messaging/saaj/util/SAAJUtil.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/lang/invoke/MethodHandleStatics.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jcmd/Arguments.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/management/GarbageCollectionNotifInfoCompositeData.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/internal/ws/wscompile/plugin/at_generated/PluginImpl.java
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zip/com/sun/tools/internal/ws/wscompile/Plugin.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/ws/api/server/LazyMOMProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/provider/certpath/ssl/SSLServerCertStoreHelper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/org/jvnet/staxex/Base64EncoderStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/javac/api/ClientCodeWrapper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/javac/tree/DocTreeMaker.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/imageio/plugins/jpeg/JPEGImageWriter.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/provider/certpath/ConstraintsChecker.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/JFormattedTextField.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/dns/DnsClient.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/JSpinner.java
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*/
/**
	* Checks if the ID/IDREF semantics is associated with this
	* datatype.
	*
	* <p>
	* This method is introduced to support the RELAX NG DTD
	* compatibility spec. (Of course it's always free to use
	* this method for other purposes.)
	 *
	* <p>
	* If you are implementing a datatype library and have no idea about
	* the "RELAX NG DTD compatibility" thing, just return
	* <code>ID_TYPE_NULL</code> is fine.
	*
	* @return
	*		If this datatype doesn't have any ID/IDREF semantics,
	*		it returns {@link #ID_TYPE_NULL}. If it has such a semantics
	*		(for example, XSD:ID, XSD:IDREF and comp:ID type), then
	*		it returns {@link #ID_TYPE_ID}, {@link #ID_TYPE_IDREF} or
	*		{@link #ID_TYPE_IDREFS}.
	*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/relaxng/datatype/Datatype.java
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* questions.
*/
/**
* Default implementation for AttributeList.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>AttributeList implements the deprecated SAX1 {@link
* org.xml.sax.AttributeList AttributeList} interface, and has been
* replaced by the new SAX2 {@link org.xml.sax.helpers.AttributesImpl
* AttributesImpl} interface.</p>
*
* <p>This class provides a convenience implementation of the SAX
* {@link org.xml.sax.AttributeList AttributeList} interface.  This
* implementation is useful
 both for SAX parser writers, who can use
* it to provide attributes to the application, and for SAX application
* writers, who can use it to create a persistent copy of an element's
* attribute specifications:</p>
*
* <pre>
* private AttributeList myatts;
*
* public void startElement (String name, AttributeList atts)
* {
*             // create a persistent copy of the attribute list
*             // for use outside this method
*   myatts = new AttributeListImpl(atts);
*   [...]
* }
* </pre>
*
* <p>Please note that SAX parsers are not required to use this
* class to provide an implementation of AttributeList; it is
* supplied only as an optional convenience.  In particular,
* parser writers are encouraged to invent more efficient
```

```
* implementations.</p>
*
* @deprecated This class implements a deprecated interface,
*            {@link org.xml.sax.AttributeList AttributeList};
*            that interface has been replaced by
*            {@link org.xml.sax.Attributes
 Attributes},
*            which is implemented in the
*            {@link org.xml.sax.helpers.AttributesImpl
*           AttributesImpl} helper class.
* @since SAX 1.0
* @author David Megginson
* @see org.xml.sax.AttributeList
* @see org.xml.sax.DocumentHandler#startElement
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/xml/sax/helpers/AttributeListImpl.java
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*/
/*
   * Encrypt data in the new GSS tokens
```

```
 *
 * Wrap Tokens (with confidentiality)
 * { Encrypt(16-byte confounder | plaintext | 16-byte token_header) |
 *          12-byte HMAC }
 * where HMAC is on {16-byte confounder | plaintext | 16-byte token_header}
 * HMAC is not encrypted; it is appended at the end.
 */
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/jgss/krb5/CipherHelper.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/image/ImageFetcher.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/Insets.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/VirtualMachineError.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/image/InputStreamImageSource.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/Error.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/io/FileDescriptor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/www/URLConnection.java

*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/REException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/NetworkServer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/image/ImageFilter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/CEFormatException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/BASE64Decoder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/net/www/protocol/mailto/Handler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/CEStreamExhausted.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/RuntimeException.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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/**
  * Returns an array containing all of the elements in this set.
  * If this set makes any guarantees as to what order its elements
  * are returned by its iterator, this method must return the
  * elements in the same order.
  *
  * <p>The returned array will be "safe" in that no references to it
  * are maintained by this set. (In other words,
this method must
  * allocate a new array even if this set is backed by an array).
  * The caller is thus free to modify the returned array.
  *
  * <p>This method acts as bridge between array-based and collection-based
  * APIs.
  *
  * @return an array containing all the elements in this set
  */

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/CopyOnWriteArraySet.java
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*/
/**
   * Sets the int[] data to this object.
   *
   * <p>
   * This method doesn't make a copy for a performance reason.
   * The caller is still free to modify the array it passed to this method,
   * but he should do so with a care. The unmarshalling code isn't expecting
   * the value to be changed while it's being routed.
   */
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/bind/v2/runtime/unmarshaller/IntArrayData.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/ws/util/ReadAllStream.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/jgss/GSSCaller.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/provider/certpath/ldap/LDAPCertStoreHelper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/beans/finder/BeanInfoFinder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/sctp/SendFailed.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/jgss/HttpCaller.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/ws/api/WebServiceFeatureFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/sctp/Shutdown.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/javac/nio/PathFileManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/internal/ws/api/WsgenProtocol.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/provider/certpath/CertStoreHelper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/sctp/AssociationImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/ws/transport/http/server/ServerAdapterList.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/glassfish/external/probe/provider/annotations/Probe.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jmx/remote/internal/IIOPHelper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/sctp/MessageInfoImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/sctp/SctpNotification.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/beans/finder/PropertyEditorFinder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/javac/nio/PathFileObject.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/javac/nio/JavacPathFileManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/ws/addressing/WSEPRExtension.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/ws/api/server/EndpointData.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/internal/ws/api/WsgenExtension.java
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* questions.
*/
/**
    * Returns an array containing all of the elements in this collection.
    * If this collection makes any guarantees as to what order its elements
    * are returned by its iterator, this method must return the elements in
    * the same order.
    *
    * <p>The returned array will be "safe" in that no references to it are
    * maintained by this collection.  (In other words, this method must
    * allocate a new array even if this collection is backed by an array).
    * The caller is thus free to modify the returned array.
    *
    * <p>This method acts as bridge between array-based and collection-based
    * APIs.
    *
    * @return an array containing all of the elements in this
 collection
    */
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/Collection.java
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/javac/parser/JavacParser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/ssl/TrustManagerFactoryImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/JarIndex.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/doclets/internal/toolkit/util/VisibleMemberMap.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/security/auth/SubjectDomainCombiner.java
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/RC2Cipher.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/ProcessEnvironment.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/generics/scope/ConstructorScope.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/action/PutAllAction.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/generics/tree/MethodTypeSignature.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/Timestamp.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/reflect/GenericSignatureFormatError.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/generics/scope/AbstractScope.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/generics/tree/ClassSignature.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/opengl/OGLRenderer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/jdi/GenericAttachingConnector.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/ArrayTable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/crypto/spec/PSource.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/MemoryManagerImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/crypto/provider/RC2Parameters.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/IBM33722.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/instrument/TransformerManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/logging/LoggingMXBean.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/jca/ProviderList.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/opengl/OGLDrawImage.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/rowset/internal/CachedRowSetReader.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/generics/reflectiveObjects/NotImplementedException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/CausedFocusEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/timestamp/TSResponse.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/net/ssl/KeyStoreBuilderParameters.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/FpUtils.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/KeyCache.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/AccessDescription.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/generics/parser/SignatureParser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/rowset/internal/Row.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/ldap/pool/ConnectionsWeakRef.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/www/protocol/http/AuthCacheImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/IBM964.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/LRUCache.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/Session.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/naming/ldap/Rfc2253Parser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/IndexedPropertyChangeEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/rsa/RSAKeyFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/util/calendar/BaseCalendar.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/jca/Providers.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/util/Password.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/instrument/ClassFileTransformer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/ConstantPool.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/EventListenerAggregate.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XRobotPeer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/Enum.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/P11KeyFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/ModalityEvent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/counter/perf/PerfDataEntry.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/instrument/ClassDefinition.java
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*/
/**
* <code>DateFormatSymbols</code> is a public class for encapsulating
* localizable date-time formatting data, such as the names of the
* months, the names
 of the days of the week, and the time zone data.
* <code>SimpleDateFormat</code> uses
* <code>DateFormatSymbols</code> to encapsulate this information.
*
* <p>
* Typically you shouldn't use <code>DateFormatSymbols</code> directly.
* Rather, you are encouraged to create a date-time formatter with the
* <code>DateFormat</code> class's factory methods: <code>getTimeInstance</code>,
* <code>getDateInstance</code>, or <code>getDateTimeInstance</code>.
```

```
* These methods automatically create a <code>DateFormatSymbols</code> for
* the formatter so that you don't have to. After the
* formatter is created, you may modify its format pattern using the
* <code>setPattern</code> method. For more information about
* creating formatters using <code>DateFormat</code>'s factory methods,
* see {@link DateFormat}.
*
* <p>
* If you decide to create a date-time formatter with a specific
* format pattern for a specific locale, you can do so with:
* <blockquote>
* <pre>
* new SimpleDateFormat(aPattern,
 DateFormatSymbols.getInstance(aLocale)).
* </pre>
* </blockquote>
*
* <p>
* <code>DateFormatSymbols</code> objects are cloneable. When you obtain
* a <code>DateFormatSymbols</code> object, feel free to modify the
* date-time formatting data. For instance, you can replace the localized
* date-time format pattern characters with the ones that you feel easy
* to remember. Or you can change the representative cities
* to your favorite ones.
*
* <p>
* New <code>DateFormatSymbols</code> subclasses may be added to support
* <code>SimpleDateFormat</code> for date-time formatting for additional locales.

* @see         DateFormat
* @see         SimpleDateFormat
* @see         java.util.SimpleTimeZone
* @author      Chen-Lieh Huang
*/
```

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```
package com.sun.tools.javac.resources;

public final class compiler_ja extends java.util.ListResourceBundle {
   protected final Object[][] getContents() {
      return new Object[][] {
         { "compiler.err.abstract.cant.be.accessed.directly",
"\u62BD\u8C61{0}\u3067\u3042\u308B{1}({2}\u5185)\u306B\u76F4\u63A5\u30A2\u30AF\u30BB\u30B9\u3059\
u308B\u3053\u3068\u306F\u3067\u304D\u307E\u305B\u3093" },
         { "compiler.err.abstract.cant.be.instantiated",
"{0}\u306Fabstract\u3067\u3059\u3002\u30A4\u30F3\u30B9\u30BF\u30F3\u30B9\u3092\u751F\u6210\u3059\u30
8B\u3053\u3068\u306F\u3067\u304D\u307E\u305B\u3093" },
         { "compiler.err.abstract.meth.cant.have.body",
"abstract\u30E1\u30BD\u30C3\u30C9\u304C\u672C\u4F53\u3092\u6301\u3064\u3053\u3068\u306F\u3067\u304D
\u307E\u305B\u3093" },
         { "compiler.err.already.annotated", "{0}
{1}\u306F\u6CE8\u91C8\u304C\u4ED8\u3044\u3066\u3044\u307E\u3059" },
```

{ "compiler.err.already.defined", "{0} {1}\u306F\u3059\u3067\u306B{2}
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{ "compiler.err.already.defined.in.clinit", "{0} {1}\u306F\u3059\u3067\u306B{3}
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{ "compiler.err.already.defined.this.unit",
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},
{ "compiler.err.annotation.missing.default.value",
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{ "compiler.err.annotation.missing.default.value.1",
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{ "compiler.err.annotation.value.must.be.class.literal",
"\u6CE8\u91C8\u306E\u5024\u306F\u30AF\u30E9\u30B9\u30FB\u30EA\u30C6\u30E9\u30EB\u3067\u3042\u308B\u5FC5\u8981\u304C\u3042\u308A\u307E\u3059" },
{ "compiler.err.annotation.value.must.be.name.value",
"\u6CE8\u91C8\u306E\u5024\u306F"name=value"\u3068\u3044\u3046\u5F62\u5F0F\u3067\u3042\u308B\u5FC5\u8981\u304C\u3042\u308A\u307E\u3059" },
{ "compiler.err.annotation.value.not.allowable.type",
"\u4F7F\u7528\u3067\u304D\u306A\u3044\u578B\u306E\u6CE8\u91C8\u306E\u5024\u3067\u3059" },
{ "compiler.err.annotations.after.type.params.not.supported.in.source",
"\u30E1\u30BD\u30C3\u30C9\u30FB\u30BF\u30A4\u30D7\u30FB\u30D1\u30E9\u30E1\u30FC\u30BF\u306E\u5F8C\u306E\u6CE8\u91C8\u306F-source
{0}\u3067\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u3066\u3044\u307E\u305B\u3093\n(\u30E1\u30BD\u30C3\u30C9\u30FB\u30BF\u30A4\u30D7\u30FB\u30D1\u30E9\u30E1\u30FC\u30BF\u306E\u5F8C\u306E\u6CE8\u91C8\u3092\u4F7F\u7528\u53EF\u80FD\u306B\u3059\u308B\u306B\u306F\u3001-source
8\u4EE5\u4E0A\u3092\u4F7F\u7528\u3057\u3066\u304F\u3060\u3055\u3044)"
},
{ "compiler.err.annotations.not.supported.in.source", "\u6CE8\u91C8\u306F-source

{0}\u3067\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u3066\u3044\u307E\u305B\u3093\n(\u6CE8\u91C8\u3092\u4F7F\u7528\u53EF\u80FD\u306B\u3059\u308B\u306B\u306F\u3001-source 5\u4EE5\u964D\u3092\u4F7F\u7528\u3057\u3066\u304F\u3060\u3055\u3044)" },
{ "compiler.err.anon.class.impl.intf.no.args", "\u533F\u540D\u30AF\u30E9\u30B9\u304C\u30A4\u30F3\u30BF\u30D5\u30A7\u30FC\u30B9\u3092\u5B9F\u88C5\u3057\u3066\u3044\u307E\u3059\u3002\u5F15\u6570\u3092\u6301\u3064\u3053\u3068\u306F\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.anon.class.impl.intf.no.qual.for.new", "\u533F\u540D\u30AF\u30E9\u30B9\u304C\u30A4\u30F3\u30BF\u30D5\u30A7\u30FC\u30B9\u3092\u5B9F\u88C5\u3057\u3066\u3044\u307E\u3059\u3002new\u306B\u4FEE\u98FE\u5B50\u3092\u6301\u3064\u3053\u3068\u306F\u3067\u304D\u307E\u305B\u3093\u3002" },
{ "compiler.err.anon.class.impl.intf.no.typeargs", "\u533F\u540D\u30AF\u30E9\u30B9\u304C\u30A4\u30F3\u30BF\u30D5\u30A7\u30FC\u30B9\u3092\u5B9F\u88C5\u3057\u3066\u3044\u307E\u3059\u3002\u578B\u5F15\u6570\u3092\u6301\u3064\u3053\u3068\u306F\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.array.and.receiver", "\u65E7\u5F0F\u306E\u914D\u5217\u8868\u8A18\u6CD5\u306F\u53D7\u53D6\u308A\u5074\u30D1\u30E9\u30E1\u30FC\u30BF\u3067\u306F\u4F7F\u7528\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.array.and.varargs", "{2}\u3067{0}\u3068{1}\u306E\u4E21\u65B9\u3092\u5BA3\u8A00\u3059\u308B\u3053\u3068\u306F\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.array.dimension.missing", "\u914D\u5217\u306E\u5927\u304D\u3055\u304C\u6307\u5B9A\u3055\u308C\u3066\u3044\u307E\u305B\u3093" },
{ "compiler.err.array.req.but.found", "\u914D\u5217\u304C\u8981\u6C42\u3055\u308C\u307E\u3057\u305F\u304C\u3001{0}\u304C\u898B\u3064\u304B\u308A\u307E\u3057\u305F" },
{ "compiler.err.assert.as.identifier", "\u30EA\u30EA\u30FC\u30B91.4\u304B\u3089"assert"\u306F\u30AD\u30FC\u30EF\u30FC\u30C9\u306A\u306E\u3067\u3001\u8B58\u5225\u5B50\u3068\u3057\u3066\u4F7F\u7528\u3059\u308B\u3053\u3068\u306F\u3067\u304D\u307E\u305B\u3093\n("assert"\u3092\u8B58\u5225\u5B50\u3068\u3057\u3066\u4F7F\u7528\u3059\u308B\u306B\u306F\u3001-source 1.3\u4EE5\u524D\u3092\u4F7F\u7528\u3057\u3066\u304F\u3060\u3055\u3044)" },
{ "compiler.err.attribute.value.must.be.constant", "\u8981\u7D20\u5024\u306F\u5B9A\u6570\u5F0F\u3067\u3042\u308B\u5FC5\u8981\u304C\u3042\u308A\u307E\u3059" },
{ "compiler.err.bad.functional.intf.anno", "\u4E88\u671F\u3057\u306A\u3044@FunctionalInterface\u6CE8\u91C8" },
{ "compiler.err.bad.functional.intf.anno.1", "\u4E88\u671F\u3057\u306A\u3044@FunctionalInterface\u6CE8\u91C8\n{0}" },
{ "compiler.err.bad.initializer", "{0}\u306E\u4E0D\u6B63\u306A\u521D\u671F\u5316\u5B50" },
{ "compiler.err.break.outside.switch.loop", "break\u304Cswitch\u6587\u307E\u305F\u306F\u30EB\u30FC\u30D7\u306E\u5916\u306B\u3042\u308A\u307E\u3059" },
{ "compiler.err.call.must.be.first.stmt.in.ctor", "{0}\u306E\u547C\u51FA\u3057\u306F\u30B3\u30F3\u30B9\u30C8\u30E9\u30AF\u30BF\u306E\u5148\u982D\u6587\u3067\u3042\u308B\u5FC5\u8981\u304C\u3042\u308A\u307E\u3059" },
{ "compiler.err.call.to.super.not.allowed.in.enum.ctor", "\u5217\u6319\u578B\u30B3\u30F3\u30B9\u30C8\u30E9\u30AF\u30BF\u3067\u306F\u3001\u30B9\u30FC\u30D

1\u30FC\u30AF\u30E9\u30B9\u306E\u547C\u51FA\u3057\u306F\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.cannot.create.array.with.diamond",
""<>"\u3092\u6301\u3064\u914D\u5217\u306F\u4F5C\u6210\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.cannot.create.array.with.type.arguments",
"\u578B\u5F15\u6570\u3092\u6301\u3064\u914D\u5217\u3092\u4F5C\u6210\u3067\u304D\u307E\u305B\u3093"
},
{ "compiler.err.cant.access",
"{0}\u306B\u30A2\u30AF\u30BB\u30B9\u3067\u304D\u307E\u305B\u3093\n{1}"
},
{ "compiler.err.cant.apply.diamond",
"{0}\u306E\u578B\u5F15\u6570\u3092\u63A8\u8AD6\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.cant.apply.diamond.1",
"{0}\u306E\u578B\u5F15\u6570\u3092\u63A8\u8AD6\u3067\u304D\u307E\u305B\u3093\n\u7406\u7531: {1}" },
{ "compiler.err.cant.apply.symbol", "{4} {5}\u306E{0}
{1}\u306F\u6307\u5B9A\u3055\u308C\u305F\u578B\u306B\u9069\u7528\u3067\u304D\u307E\u305B\u3093\u30
02\n\u671F\u5F85\u5024: {2}\n\u691C\u51FA\u5024: {3}\n\u7406\u7531: {6}" },
{ "compiler.err.cant.apply.symbols",
"{1}\u306B\u9069\u5207\u306A{0}\u304C\u898B\u3064\u304B\u308A\u307E\u305B\u3093({2})" },
{ "compiler.err.cant.assign.val.to.final.var",
"final\u5909\u6570{0}\u306B\u5024\u3092\u4EE3\u5165\u3059\u308B\u3053\u3068\u306F\u3067\u304D\u307E\
u305B\u3093" },
{ "compiler.err.cant.deref", "{0}\u306F\u9593\u63A5\u53C2\u7167\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.cant.extend.intf.annotation",
"@interfaces\u3067\u306F"extends"\u306F\u8A31\u53EF\u3055\u308C\u307E\u305B\u3093" },
{ "compiler.err.cant.inherit.diff.arg",
"{0}\u3092\u7570\u306A\u308B\u5F15\u6570<{1}>\u3068<{2}>\u3067\u7D99\u627F\u3059\u308B\u3053\u3068
8\u306F\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.cant.inherit.from.anon",
"\u533F\u540D\u30AF\u30E9\u30B9\u304B\u3089\u7D99\u627F\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.cant.inherit.from.final", "final
{0}\u304B\u3089\u306F\u7D99\u627F\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.cant.read.file", "{0}\u3092\u8AAD\u307F\u8FBC\u3081\u307E\u305B\u3093" },
{ "compiler.err.cant.ref.before.ctor.called",
"\u30B9\u30FC\u30D1\u30FC\u30BF\u30A4\u30D7\u306E\u30B3\u30F3\u30B9\u30C8\u30E9\u30AF\u30BF\u30
6E\u547C\u51FA\u3057\u524D\u306F{0}\u3092\u53C2\u7167\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.cant.ref.non.effectively.final.var",
"{1}\u304B\u3089\u53C2\u7167\u3055\u308C\u308B\u30ED\u30FC\u30AB\u30EB\u5909\u6570\u306F\u3001fin
al\u307E\u305F\u306F\u4E8B\u5B9F\u4E0A\u306Efinal\u3067\u3042\u308B\u5FC5\u8981\u304C\u3042\u308A\
u307E\u3059" },
{ "compiler.err.cant.resolve",
"\u30B7\u30F3\u30DC\u30EB\u3092\u898B\u3064\u3051\u3089\u308C\u307E\u305B\u3093\n\u30B7\u30F3\u30
DC\u30EB: {0} {1}" },
{ "compiler.err.cant.resolve.args",
"\u30B7\u30F3\u30DC\u30EB\u3092\u898B\u3064\u3051\u3089\u308C\u307E\u305B\u3093\n\u30B7\u30F3\u30
DC\u30EB: {0} {1}({3})" },
{ "compiler.err.cant.resolve.args.params",
"\u30B7\u30F3\u30DC\u30EB\u3092\u898B\u3064\u3051\u3089\u308C\u307E\u305B\u3093\n\u30B7\u30F3\u30
DC\u30EB: {0} <{2}>{1}({3})" },

{ "compiler.err.cant.resolve.location",
"\u30B7\u30F3\u30DC\u30EB\u3092\u898B\u3064\u3051\u3089\u308C\u307E\u305B\u3093\n\u30B7\u30F3\u30DC\u30EB: {0} {1}\n\u5834\u6240: {4}" },
{ "compiler.err.cant.resolve.location.args",
"\u30B7\u30F3\u30DC\u30EB\u3092\u898B\u3064\u3051\u3089\u308C\u307E\u305B\u3093\n\u30B7\u30F3\u30DC\u30EB:
 {0} {1}({3})\n\u5834\u6240: {4}" },
{ "compiler.err.cant.resolve.location.args.params",
"\u30B7\u30F3\u30DC\u30EB\u3092\u898B\u3064\u3051\u3089\u308C\u307E\u305B\u3093\n\u30B7\u30F3\u30DC\u30EB: {0} <{2}>{1}({3})\n\u5834\u6240: {4}" },
{ "compiler.err.cant.select.static.class.from.param.type",
"\u30D1\u30E9\u30E1\u30FC\u30BF\u306B\u3055\u308C\u305F\u578B\u304B\u3089static\u30AF\u30E9\u30B9\u3092\u9078\u629E\u3059\u308B\u3053\u3068\u306F\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.cant.type.annotate.scoping",
"\u30B9\u30B3\u30FC\u30D7\u30FB\u30B3\u30F3\u30B9\u30C8\u30E9\u30AF\u30C8\u3092\u578B\u4F7F\u7528\u6CE8\u91C8\u3067\u6CE8\u91C8\u4ED8\u3051\u3059\u308B\u3053\u3068\u306F\u3067\u304D\u307E\u305B\u3093: {0}" },
{ "compiler.err.cant.type.annotate.scoping.1",
"\u30B9\u30B3\u30FC\u30D7\u30FB\u30B3\u30F3\u30B9\u30C8\u30E9\u30AF\u30C8\u3092\u578B\u4F7F\u7528\u6CE8\u91C8\u3067\u6CE8\u91C8\u4ED8\u3051\u3059\u308B\u3053\u3068\u306F\u3067\u304D\u307E\u305B\u3093:
 {0}" },
{ "compiler.err.catch.without.try", ""catch"\u3078\u306E"try"\u304C\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.err.clash.with.pkg.of.same.name", "{0} {1}\u306F\u540C\u540D\u306E\u30D1\u30C3\u30B1\u30FC\u30B8\u3068\u7AF6\u5408\u3057\u307E\u3059" },
{ "compiler.err.class.cant.write",
"{0}\u306E\u66F8\u8FBC\u307F\u4E2D\u306B\u30A8\u30E9\u30FC\u304C\u767A\u751F\u3057\u307E\u3057\u305F: {1}" },
{ "compiler.err.class.not.allowed",
"\u30AF\u30E9\u30B9\u3001\u30A4\u30F3\u30BF\u30D5\u30A7\u30FC\u30B9\u307E\u305F\u306F\u5217\u6319\u578B\u306E\u5BA3\u8A00\u3092\u3053\u3053\u3067\u4F7F\u7528\u3059\u308B\u3053\u3068\u306F\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.class.public.should.be.in.file",
"\u30AF\u30E9\u30B9{0}\u306Fpublic\u3067\u3042\u308A\u3001\u30D5\u30A1\u30A4\u30EB{0}.java\u3067\u5BA3\u8A00\u3059\u308B\u5FC5\u8981\u304C\u3042\u308A\u307E\u3059"
 },
{ "compiler.err.concrete.inheritance.conflict",
"{1}\u306E\u30E1\u30BD\u30C3\u30C9{0}\u3068{3}\u306E{2}\u306F\u540C\u3058\u30B7\u30B0\u30CD\u30C1\u30E3\u304B\u3089\u7D99\u627F\u3055\u308C\u3066\u3044\u307E\u3059" },
{ "compiler.err.const.expr.req", "\u5B9A\u6570\u5F0F\u304C\u5FC5\u8981\u3067\u3059" },
{ "compiler.err.cont.outside.loop",
"continue\u304C\u30EB\u30FC\u30D7\u306E\u5916\u306B\u3042\u308A\u307E\u3059" },
{ "compiler.err.cyclic.annotation.element",
"\u8981\u7D20{0}\u306E\u578B\u304C\u30EB\u30FC\u30D7\u3057\u3066\u3044\u307E\u3059" },
{ "compiler.err.cyclic.inheritance",
"{0}\u3092\u542B\u3080\u7D99\u627F\u304C\u30EB\u30FC\u30D7\u3057\u3066\u3044\u307E\u3059" },
{ "compiler.err.dc.bad.entity",
"HTML\u30A8\u30F3\u30C6\u30A3\u30C6\u30A3\u304C\u4E0D\u6B63\u3067\u3059" },

{ "compiler.err.dc.bad.gt", ">"\u306E\u4F7F\u7528\u304C\u4E0D\u6B63\u3067\u3059"
},
{ "compiler.err.dc.bad.inline.tag",
"\u30A4\u30F3\u30E9\u30A4\u30F3\u30FB\u30BF\u30B0\u306E\u4F7F\u7528\u304C\u6B63\u3057\u304F\u3042
\u308A\u307E\u305B\u3093" },
{ "compiler.err.dc.gt.expected", ">"\u304C\u5FC5\u8981\u3067\u3059" },
{ "compiler.err.dc.identifier.expected", "\u8B58\u5225\u5B50\u304C\u5FC5\u8981\u3067\u3059" },
{ "compiler.err.dc.malformed.html", "HTML\u304C\u4E0D\u6B63\u3067\u3059" },
{ "compiler.err.dc.missing.semicolon",
"\u30BB\u30DF\u30B3\u30ED\u30F3\u304C\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.err.dc.no.content", "\u30B3\u30F3\u30C6\u30F3\u30C4\u306A\u3057" },
{ "compiler.err.dc.no.tag.name",
"'@'\u306E\u5F8C\u306B\u30BF\u30B0\u540D\u304C\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.err.dc.ref.bad.parens", "\u53C2\u7167\u306B")"\u304C\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.err.dc.ref.syntax.error",
"\u53C2\u7167\u306B\u69CB\u6587\u30A8\u30E9\u30FC\u304C\u3042\u308A\u307E\u3059"
},
{ "compiler.err.dc.ref.unexpected.input",
"\u4E88\u671F\u3057\u306A\u3044\u30C6\u30AD\u30B9\u30C8\u3067\u3059" },
{ "compiler.err.dc.unexpected.content",
"\u4E88\u671F\u3057\u306A\u3044\u30B3\u30F3\u30C6\u30F3\u30C4\u3067\u3059" },
{ "compiler.err.dc.unterminated.inline.tag",
"\u30A4\u30F3\u30E9\u30A4\u30F3\u30FB\u30BF\u30B0\u304C\u7D42\u4E86\u3057\u3066\u3044\u307E\u305
B\u3093" },
{ "compiler.err.dc.unterminated.signature",
"\u30B7\u30B0\u30CD\u30C1\u30E3\u304C\u7D42\u4E86\u3057\u3066\u3044\u307E\u305B\u3093" },
{ "compiler.err.dc.unterminated.string",
"\u6587\u5B57\u5217\u304C\u7D42\u4E86\u3057\u3066\u3044\u307E\u305B\u3093" },
{ "compiler.err.default.allowed.in.intf.annotation.member",
"\u30C7\u30D5\u30A9\u30EB\u30C8\u5024\u306F\u6CE8\u91C8\u578B\u306E\u5BA3\u8A00\u3067\u306E\u30
7F\u4F7F\u7528\u3067\u304D\u307E\u3059" },
{ "compiler.err.default.methods.not.supported.in.source",
"\u30C7\u30D5\u30A9\u30EB\u30C8\u30FB\u30E1\u30BD\u30C3\u30C9\u306F-source
{0}\u3067\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u3066\u3044\u307E\u305B\u3093\n(\u30C7\u30D5\u30A9\
u30EB\u30C8\u30FB\u30E1\u30BD\u30C3\u30C9\u3092\u4F7F\u7528\u53EF\u80FD\u306B\u3059\u308B\u306B
\u306F\u3001-source 8\u4EE5\u4E0A\u3092\u4F7F\u7528\u3057\u3066\u304F\u3060\u3055\u3044)" },
{ "compiler.err.default.overrides.object.member", "{1}
{2}\u306E\u30C7\u30D5\u30A9\u30EB\u30C8\u30FB\u30E1\u30BD\u30C3\u30C9{0}\u306Fjava.lang.Object\u3
06E\u30E1\u30F3\u30D0\u30FC\u3092\u30AA\u30FC\u30D0\u30FC\u30E9\u30A4\u30C9\u3057\u307E\u3059"
},
{ "compiler.err.diamond.not.supported.in.source",
"\u30C0\u30A4\u30E4\u30E2\u30F3\u30C9\u6F14\u7B97\u5B50\u306F-source
{0}\u3067\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u3066\u3044\u307E\u305B\u3093\n(\u30C0\u30A4\u30E4\
u30E2\u30F3\u30C9\u6F14\u7B97\u5B50\u3092\u4F7F\u7528\u53EF\u80FD\u306B\u3059\u308B\u306B\u306F\u
3001-source 7\u4EE5\u964D\u3092\u4F7F\u7528\u3057\u3066\u304F\u3060\u3055\u3044)"
},
{ "compiler.err.does.not.override.abstract",
"{0}\u306Fabstract\u3067\u306A\u304F\u3001{2}\u5185\u306Eabstract\u30E1\u30BD\u30C3\u30C9{1}\u3092\u

30AA\u30FC\u30D0\u30FC\u30E9\u30A4\u30C9\u3057\u307E\u305B\u3093" },
{ "compiler.err.doesnt.exist",
"\u30D1\u30C3\u30B1\u30FC\u30B8{0}\u306F\u5B58\u5728\u3057\u307E\u305B\u3093" },
{ "compiler.err.dot.class.expected", ".class"\u304C\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.err.duplicate.annotation.invalid.repeated",
"\u6CE8\u91C8{0}\u306F\u6709\u52B9\u306A\u7E70\u8FD4\u3057\u53EF\u80FD\u306A\u6CE8\u91C8\u3067\u306F\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.err.duplicate.annotation.member.value",
"\u6CE8\u91C8@{1}\u306B\u91CD\u8907\u3057\u305F\u8981\u7D20"{0}"\u304C\u3042\u308A\u307E\u3059\u3002" },
{ "compiler.err.duplicate.annotation.missing.container",
"{0}\u306F\u7E70\u8FD4\u3057\u53EF\u80FD\u306A\u6CE8\u91C8\u578B\u3067\u306F\u3042\u308A\u307E\u305B\u3093"
},
{ "compiler.err.duplicate.case.label",
"case\u30E9\u30D9\u30EB\u304C\u91CD\u8907\u3057\u3066\u3044\u307E\u3059" },
{ "compiler.err.duplicate.class",
"\u30AF\u30E9\u30B9{0}\u304C\u91CD\u8907\u3057\u3066\u3044\u307E\u3059" },
{ "compiler.err.duplicate.default.label",
"default\u30E9\u30D9\u30EB\u304C\u91CD\u8907\u3057\u3066\u3044\u307E\u3059" },
{ "compiler.err.else.without.if", ""else"\u3078\u306E"if"\u304C\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.err.empty.char.lit", "\u7A7A\u306E\u6587\u5B57\u30EA\u30C6\u30E9\u30EB\u3067\u3059" },
{ "compiler.err.encl.class.required",
"{0}\u3092\u542B\u3080\u56F2\u3046\u30A4\u30F3\u30B9\u30BF\u30F3\u30B9\u304C\u5FC5\u8981\u3067\u3059" },
{ "compiler.err.enum.annotation.must.be.enum.constant",
"\u5217\u6319\u578B\u6CE8\u91C8\u5024\u306F\u3001\u5217\u6319\u578B\u5B9A\u6570\u3067\u3042\u308B\u5FC5\u8981\u304C\u3042\u308A\u307E\u3059"
},
{ "compiler.err.enum.as.identifier",
"\u30EA\u30EA\u30FC\u30B95\u304B\u3089"enum"\u306F\u30AD\u30FC\u30EF\u30FC\u30C9\u306A\u306E\u3067\u8B58\u5225\u5B50\u3068\u3057\u3066\u4F7F\u7528\u3059\u308B\u3053\u3068\u306F\u3067\u304D\u307E\u305B\u3093\n("enum"\u3092\u8B58\u5225\u5B50\u3068\u3057\u3066\u4F7F\u7528\u3059\u308B\u306B\u306F-source 1.4\u4EE5\u524D\u3092\u4F7F\u7528\u3057\u3066\u304F\u3060\u3055\u3044)" },
{ "compiler.err.enum.cant.be.instantiated",
"\u5217\u6319\u578B\u306F\u30A4\u30F3\u30B9\u30BF\u30F3\u30B9\u5316\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.enum.label.must.be.unqualified.enum", "\u5217\u6319\u578B\u306Eswitch case\u30E9\u30D9\u30EB\u306F\u5217\u6319\u578B\u5B9A\u6570\u306E\u975E\u4FEE\u98FE\u540D\u3067\u3042\u308B\u5FC5\u8981\u304C\u3042\u308A\u307E\u3059" },
{ "compiler.err.enum.no.finalize",
"\u5217\u6319\u578B\u306Ffinalize\u30E1\u30BD\u30C3\u30C9\u3092\u6301\u3064\u3053\u3068\u306F\u3067\u304D\u307E\u305B\u3093"
},
{ "compiler.err.enum.no.subclassing",
"\u30AF\u30E9\u30B9\u306F\u76F4\u63A5java.lang.Enum\u3092\u62E1\u5F35\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.enum.types.not.extensible",

"\u5217\u6319\u578B\u306F\u62E1\u5F35\u53EF\u80FD\u3067\u306F\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.err.enums.must.be.static",
"\u5217\u6319\u578B\u306E\u5BA3\u8A00\u306Fstatic\u30B3\u30F3\u30C6\u30AD\u30B9\u30C8\u3067\u306E\u307F\u4F7F\u7528\u3067\u304D\u307E\u3059" },
{ "compiler.err.enums.not.supported.in.source", "\u5217\u6319\u578B\u306F-source {0}\u3067\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u3066\u3044\u307E\u305B\u3093\n(\u5217\u6319\u578B\u3092\u4F7F\u7528\u53EF\u80FD\u306B\u3059\u308B\u306B\u306F-source 5\u4EE5\u964D\u3092\u4F7F\u7528\u3057\u3066\u304F\u3060\u3055\u3044)" },
{ "compiler.err.error", "\u30A8\u30E9\u30FC: " },
{ "compiler.err.error.reading.file",
"{0}\u306E\u8AAD\u8FBC\u307F\u30A8\u30E9\u30FC\u3067\u3059\u3002{1}" },
{ "compiler.err.except.already.caught",
"\u4F8B\u5916{0}\u306F\u3059\u3067\u306B\u6355\u6349\u3055\u308C\u3066\u3044\u307E\u3059" },
{ "compiler.err.except.never.thrown.in.try",
"\u4F8B\u5916{0}\u306F\u5BFE\u5FDC\u3059\u308Btry\u6587\u306E\u672C\u4F53\u3067\u306F\u30B9\u30ED\u30FC\u3055\u308C\u307E\u305B\u3093" },
{ "compiler.err.expected", "{0}\u304C\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.err.expected2", "{0}\u307E\u305F\u306F{1}\u304C\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.err.expected3",
"{0}\u3001{1}\u307E\u305F\u306F{2}\u304C\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.err.final.parameter.may.not.be.assigned",
"final\u30D1\u30E9\u30E1\u30FC\u30BF{0}\u306B\u5024\u3092\u4EE3\u5165\u3059\u308B\u3053\u3068\u306F\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.finally.without.try", ""finally"\u3078\u306E"try"\u304C\u3042\u308A\u307E\u305B\u3093"
},
{ "compiler.err.foreach.not.applicable.to.type", "for-each\u306F\u5F0F\u306E\u30BF\u30A4\u30D7\u306B\u4F7F\u7528\u3067\u304D\u307E\u305B\u3093\n\u671F\u5F85\u5024: {1}\n\u691C\u51FA\u5024: {0}" },
{ "compiler.err.foreach.not.supported.in.source", "\u62E1\u5F35for\u30EB\u30FC\u30D7\u306F-source {0}\u3067\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u3066\u3044\u307E\u305B\u3093\n(for-each\u30EB\u30FC\u30D7\u3092\u4F7F\u7528\u53EF\u80FD\u306B\u3059\u308B\u306B\u306F\u3001-source 5\u4EE5\u964D\u3092\u4F7F\u7528\u3057\u3066\u304F\u3060\u3055\u3044)" },
{ "compiler.err.fp.number.too.large",
"\u6D6E\u52D5\u5C0F\u6570\u70B9\u6570\u304C\u5927\u304D\u3059\u304E\u307E\u3059" },
{ "compiler.err.fp.number.too.small",
"\u6D6E\u52D5\u5C0F\u6570\u70B9\u6570\u304C\u5C0F\u3055\u3059\u304E\u307E\u3059" },
{ "compiler.err.generic.array.creation",
"\u6C4E\u7528\u914D\u5217\u3092\u4F5C\u6210\u3057\u307E\u3059" },

{ "compiler.err.generic.throwable",
"\u6C4E\u7528\u30AF\u30E9\u30B9\u306Fjava.lang.Throwable\u3092\u62E1\u5F35\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.generics.not.supported.in.source", "\u7DCF\u79F0\u578B\u306F-source {0}\u3067\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u3066\u3044\u307E\u305B\u3093\n(\u7DCF\u79F0\u578B\u3092\u4F7F\u7528\u53EF\u80FD\u306B\u3059\u308B\u306B\u306F\u3001-source 5\u4EE5\u964D\u3092\u4F7F\u7528\u3057\u3066\u304F\u3060\u3055\u3044)" },
{ "compiler.err.icls.cant.have.static.decl",
"\u5185\u90E8\u30AF\u30E9\u30B9{0}\u306E\u9759\u7684\u5BA3\u8A00\u304C\u4E0D\u6B63\u3067\u3059\n\

u4FEE\u98FE\u5B50"static"\u306F\u5B9A\u6570\u304A\u3088\u3073\u5909\u6570\u306E\u5BA3\u8A00\u3067\u306E\u307F\u4F7F\u7528\u3067\u304D\u307E\u3059" },
{ "compiler.err.illegal.char", ""{0}"\u306F\u4E0D\u6B63\u306A\u6587\u5B57\u3067\u3059" },
{ "compiler.err.illegal.char.for.encoding", "\u3053\u306E\u6587\u5B57\u306F\u3001\u30A8\u30F3\u30B3\u30FC\u30C7\u30A3\u30F3\u30B0{0}\u306B\u30DE\u30C3\u30D7\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.illegal.combination.of.modifiers", "\u4FEE\u98FE\u5B50{0}\u3068{1}\u306E\u7D44\u5408\u305B\u306F\u4E0D\u6B63\u3067\u3059" },
{ "compiler.err.illegal.default.super.call", "\u30C7\u30D5\u30A9\u30EB\u30C8\u306E\u30B9\u30FC\u30D1\u30FC\u30FB\u30B3\u30FC\u30EB\u306E\u578B\u4FEE\u98FE\u5B50{0}\u304C\u4E0D\u6B63\u3067\u3059\n{1}" },
{ "compiler.err.illegal.dot", "\u4E0D\u6B63\u306A"."\u3067\u3059" },
{ "compiler.err.illegal.enum.static.ref", "\u521D\u671F\u5316\u5B50\u304B\u3089static\u30D5\u30A3\u30FC\u30EB\u30C9\u3078\u306E\u53C2\u7167\u304C\u4E0D\u6B63\u3067\u3059" },
{ "compiler.err.illegal.esc.char", "\u30A8\u30B9\u30B1\u30FC\u30D7\u6587\u5B57\u304C\u4E0D\u6B63\u3067\u3059" },
{ "compiler.err.illegal.forward.ref", "\u524D\u65B9\u53C2\u7167\u304C\u4E0D\u6B63\u3067\u3059" },
{ "compiler.err.illegal.generic.type.for.instof", "instanceof\u306E\u7DCF\u79F0\u578B\u304C\u4E0D\u6B63\u3067\u3059" },
{ "compiler.err.illegal.initializer.for.type", "{0}\u306E\u521D\u671F\u5316\u5B50\u304C\u4E0D\u6B63\u3067\u3059" },
{ "compiler.err.illegal.line.end.in.char.lit", "\u6587\u5B57\u30EA\u30C6\u30E9\u30EB\u306E\u884C\u672B\u304C\u4E0D\u6B63\u3067\u3059" },
{ "compiler.err.illegal.nonascii.digit", "\u4E0D\u6B63\u306A\u975EASCII\u6570\u5B57\u3067\u3059" },
{ "compiler.err.illegal.qual.not.icls", "\u4FEE\u98FE\u5B50\u304C\u4E0D\u6B63\u3067\u3059\u3002{0}\u306F\u5185\u90E8\u30AF\u30E9\u30B9\u3067\u306F\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.err.illegal.self.ref", "\u521D\u671F\u5316\u5B50\u5185\u306E\u81EA\u5DF1\u53C2\u7167" },
{ "compiler.err.illegal.start.of.expr", "\u5F0F\u306E\u958B\u59CB\u304C\u4E0D\u6B63\u3067\u3059" },
{ "compiler.err.illegal.start.of.stmt", "\u6587\u306E\u958B\u59CB\u304C\u4E0D\u6B63\u3067\u3059" },
{ "compiler.err.illegal.start.of.type", "\u578B\u306E\u958B\u59CB\u304C\u4E0D\u6B63\u3067\u3059" },
{ "compiler.err.illegal.static.intf.meth.call", "static\u30A4\u30F3\u30BF\u30D5\u30A7\u30FC\u30B9\u30FB\u30E1\u30BD\u30C3\u30C9\u30FB\u30B3\u30FC\u30EB\u304C\u4E0D\u6B63\u3067\u3059\n\u53D7\u4FE1\u5F0F\u306F\u578B\u4FEE\u98FE\u5B50"{0}"\u3067\u7F6E\u63DB\u3055\u308C\u308B\u5FC5\u8981\u304C\u3042\u308A\u307E\u3059" },
{ "compiler.err.illegal.underscore", "\u4E0D\u6B63\u306A\u30A2\u30F3\u30C0\u30FC\u30B9\u30B3\u30A2\u3067\u3059" },
{ "compiler.err.illegal.unicode.esc", "Unicode\u30A8\u30B9\u30B1\u30FC\u30D7\u304C\u4E0D\u6B63\u3067\u3059" },
{ "compiler.err.import.requires.canonical", "\u30A4\u30F3\u30DD\u30FC\u30C8\u306B\u306F{0}\u306E\u6A19\u6E96\u540D\u304C\u5FC5\u8981\u3067\u3059" },
{ "compiler.err.improperly.formed.type.inner.raw.param", "\u578B\u306E\u5F62\u5F0F\u304C\u4E0D\u9069\u5207\u3067\u3059\u3002raw\u578B\u306B\u6307\u5B9A\u3055\u308C\u305F\u578B\u5F15\u6570\u3067\u3059"

},
{ "compiler.err.improperly.formed.type.param.missing",
"\u578B\u306E\u5F62\u5F0F\u304C\u4E0D\u9069\u5207\u3067\u3059\u3002\u30D1\u30E9\u30E1\u30FC\u30BF
\u304C\u4E0D\u8DB3\u3057\u3066\u3044\u307E\u3059" },
{ "compiler.err.incomparable.types",
"\u578B{0}\u3068{1}\u306F\u6BD4\u8F03\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.incompatible.thrown.types.in.mref",
"\u30E1\u30BD\u30C3\u30C9\u53C2\u7167\u306E\u30B9\u30ED\u30FC\u3055\u308C\u305F\u30BF\u30A4\u30
D7{0}\u306F\u4E0D\u9069\u5408\u3067\u3059" },
{ "compiler.err.incorrect.constructor.receiver.name",
"\u53D7\u53D6\u308A\u5074\u306E\u540D\u524D\u304C\u3001\u5305\u542B\u3059\u308B\u5916\u90E8\u30A
F\u30E9\u30B9\u30FB\u30BF\u30A4\u30D7\u3068\u4E00\u81F4\u3057\u307E\u305B\u3093\n\u5FC5\u9808:
{0}\n\u691C\u51FA: {1}" },
{ "compiler.err.incorrect.constructor.receiver.type",
"\u53D7\u53D6\u308A\u5074\u306E\u30BF\u30A4\u30D7\u304C\u3001\u5305\u542B\u3059\u308B\u5916\u90E
8\u30AF\u30E9\u30B9\u30FB\u30BF\u30A4\u30D7\u3068\u4E00\u81F4\u3057\u307E\u305B\u3093\n\u5FC5\u9
808:
{0}\n\u691C\u51FA: {1}" },
{ "compiler.err.incorrect.receiver.name",
"\u53D7\u53D6\u308A\u5074\u306E\u540D\u524D\u304C\u3001\u5305\u542B\u3059\u308B\u30AF\u30E9\u30B
9\u30FB\u30BF\u30A4\u30D7\u3068\u4E00\u81F4\u3057\u307E\u305B\u3093\n\u5FC5\u9808:
{0}\n\u691C\u51FA: {1}" },
{ "compiler.err.incorrect.receiver.type",
"\u53D7\u53D6\u308A\u5074\u306E\u30BF\u30A4\u30D7\u304C\u3001\u5305\u542B\u3059\u308B\u30AF\u30E
9\u30B9\u30FB\u30BF\u30A4\u30D7\u3068\u4E00\u81F4\u3057\u307E\u305B\u3093\n\u5FC5\u9808:
{0}\n\u691C\u51FA: {1}" },
{ "compiler.err.initializer.must.be.able.to.complete.normally",
"\u521D\u671F\u5316\u5B50\u306F\u6B63\u5E38\u306B\u5B8C\u4E86\u3067\u304D\u308B\u5FC5\u8981\u304
C\u3042\u308A\u307E\u3059" },
{ "compiler.err.int.number.too.large", "\u6574\u6570{0}\u304C\u5927\u304D\u3059\u304E\u307E\u3059"
},
{ "compiler.err.intersection.types.in.cast.not.supported.in.source",
"\u30AD\u30E3\u30B9\u30C8\u5185\u306Eintersection\u578B\u306F-source
{0}\u3067\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u3066\u3044\u307E\u305B\u3093\n(\u30C7\u30D5\u30A9\
u30EB\u30C8\u30FB\u30E1\u30BD\u30C3\u30C9\u3092\u4F7F\u7528\u53EF\u80FD\u306B\u3059\u308B\u306B
\u306F\u3001-source 8\u4EE5\u4E0A\u3092\u4F7F\u7528\u3057\u3066\u304F\u3060\u3055\u3044)" },
{ "compiler.err.intf.annotation.cant.have.type.params",
"\u6CE8\u91C8\u578B{0}\u306F\u6C4E\u7528\u306B\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.intf.annotation.member.clash",
"\u6CE8\u91C8\u578B{1}\u3067\u30E1\u30BD\u30C3\u30C9{0}\u3068\u540C\u3058\u540D\u524D\u306E\u898
1\u7D20\u304C\u5BA3\u8A00\u3055\u308C\u3066\u3044\u307E\u3059" },
{ "compiler.err.intf.annotation.members.cant.have.params",
"\u6CE8\u91C8\u578B\u5BA3\u8A00\u5185\u306E\u8981\u7D20\u304C\u4EEE\u30D1\u30E9\u30E1\u30FC\u30
BF\u3092\u5BA3\u8A00\u3067\u304D\u307E\u305B\u3093"
},
{ "compiler.err.intf.annotation.members.cant.have.type.params",
"\u6CE8\u91C8\u578B\u5BA3\u8A00\u5185\u306E\u8981\u7D20\u306F\u6C4E\u7528\u30E1\u30BD\u30C3\u30
C9\u306B\u3067\u304D\u307E\u305B\u3093" },

{ "compiler.err.intf.expected.here",
"\u3053\u3053\u306B\u30A4\u30F3\u30BF\u30D5\u30A7\u30FC\u30B9\u304C\u5FC5\u8981\u3067\u3059" },
{ "compiler.err.intf.meth.cant.have.body",
"\u30A4\u30F3\u30BF\u30D5\u30A7\u30FC\u30B9\u62BD\u8C61\u30E1\u30BD\u30C3\u30C9\u304C\u672C\u4F53\u3092\u6301\u3064\u3053\u3068\u306F\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.intf.not.allowed.here",
"\u3053\u3053\u3067\u306F\u30A4\u30F3\u30BF\u30D5\u30A7\u30FC\u30B9\u306F\u8A31\u53EF\u3055\u308C\u307E\u305B\u3093" },
{ "compiler.err.invalid.annotation.member.type",
"\u6CE8\u91C8\u578B\u306E\u8981\u7D20{0}\u306E\u578B\u304C\u7121\u52B9\u3067\u3059" },

{ "compiler.err.invalid.binary.number",
"2\u9032\u6570\u5B57\u306F\u5C11\u306A\u304F\u3068\u30821\u6841\u306E2\u9032\u6570\u3092\u542B\u3080\u5FC5\u8981\u304C\u3042\u308A\u307E\u3059" },
{ "compiler.err.invalid.hex.number",
"16\u9032\u6570\u5B57\u306F\u5C11\u306A\u304F\u3068\u30821\u6841\u306E16\u9032\u6570\u3092\u542B\u3080\u5FC5\u8981\u304C\u3042\u308A\u307E\u3059" },
{ "compiler.err.invalid.meth.decl.ret.type.req",
"\u7121\u52B9\u306A\u30E1\u30BD\u30C3\u30C9\u5BA3\u8A00\u3067\u3059\u3002\u623B\u308A\u5024\u306E\u578B\u304C\u5FC5\u8981\u3067\u3059\u3002" },
{ "compiler.err.invalid.mref", "{0}\u53C2\u7167\u304C\u7121\u52B9\u3067\u3059\n{1}" },
{ "compiler.err.invalid.repeatable.annotation",
"\u6CE8\u91C8\u304C\u91CD\u8907\u3057\u3066\u3044\u307E\u3059:
{0}\u306F\u7121\u52B9\u306A@Repeatable\u6CE8\u91C8\u3067\u6CE8\u91C8\u4ED8\u3051\u3055\u308C\u3066\u3044\u307E\u3059" },
{ "compiler.err.invalid.repeatable.annotation.elem.nondefault",
"\u5305\u542B\u3059\u308B\u6CE8\u91C8\u578B{0}\u306B\u306F\u8981\u7D20{1}\u306E\u30C7\u30D5\u30A9\u30EB\u30C8\u5024\u304C\u6307\u5B9A\u3055\u308C\u3066\u3044\u307E\u305B\u3093" },
{ "compiler.err.invalid.repeatable.annotation.incompatible.target",
"\u5305\u542B\u3059\u308B\u6CE8\u91C8\u578B({0})\u306F\u3001\u7E70\u8FD4\u3057\u53EF\u80FD\u306A\u6CE8\u91C8\u578B({1})\u3088\u308A\u591A\u304F\u306E\u30BF\u30FC\u30B2\u30C3\u30C8\u306B\u9069\u7528\u3055\u308C\u307E\u3059" },
{ "compiler.err.invalid.repeatable.annotation.invalid.value",
"{0}\u306F\u6709\u52B9\u306A@Repeatable\u3067\u306F\u3042\u308A\u307E\u305B\u3093:
\u5024\u8981\u7D20\u304C\u7121\u52B9\u3067\u3059" },
{ "compiler.err.invalid.repeatable.annotation.multiple.values",
"{0}\u306F\u6709\u52B9\u306A@Repeatable\u3067\u306F\u3042\u308A\u307E\u305B\u3093\u3002{1}\u8981\u7D20\u30E1\u30BD\u30C3\u30C9"value"\u304C\u5BA3\u8A00\u3055\u308C\u3066\u3044\u307E\u3059" },
{ "compiler.err.invalid.repeatable.annotation.no.value",
"{0}\u306F\u6709\u52B9\u306A@Repeatable\u3067\u306F\u3042\u308A\u307E\u305B\u3093\u3002\u5024\u8981\u7D20\u30E1\u30BD\u30C3\u30C9\u304C\u5BA3\u8A00\u3055\u308C\u3066\u3044\u307E\u305B\u3093" },
{ "compiler.err.invalid.repeatable.annotation.not.documented",
"\u7E70\u8FD4\u3057\u53EF\u80FD\u306A\u6CE8\u91C8\u578B({1})\u306F@Documented\u3067\u3059\u304C\u3001\u5305\u542B\u3059\u308B\u6CE8\u91C8\u578B({0})\u306F\u9055\u3044\u307E\u3059" },
{ "compiler.err.invalid.repeatable.annotation.not.inherited",
"\u7E70\u8FD4\u3057\u53EF\u80FD\u306A\u6CE8\u91C8\u578B({1})\u306F@Inherited\u3067\u3059\u304C\u3001\u5305\u542B\u3059\u308B\u6CE8\u91C8\u578B({0})\u306F\u9055\u3044\u307E\u3059" },
{ "compiler.err.invalid.repeatable.annotation.repeated.and.container.present",

"\u30B3\u30F3\u30C6\u30CA{0}\u306F\u542B\u307E\u308C\u3066\u3044\u308B\u8981\u7D20\u3068\u540C\u6642\u306B\u6307\u5B9A\u3067\u304D\u307E\u305B\u3093" },

{ "compiler.err.invalid.repeatable.annotation.retention",
"\u5305\u542B\u3059\u308B\u6CE8\u91C8\u578B({0})\u306E\u4FDD\u6709\u304C\u3001\u7E70\u8FD4\u3057\u53EF\u80FD\u306A\u6CE8\u91C8\u578B({2})\u306E\u4FDD\u6709\u3088\u308A\u77ED\u304F\u306A\u3063\u3066\u3044\u307E\u3059" },
{ "compiler.err.invalid.repeatable.annotation.value.return",
"\u5305\u542B\u3059\u308B\u6CE8\u91C8\u578B({0})\u306F\u578B{2}\u306E\u8981\u7D20"value"\u3092\u5BA3\u8A00\u3059\u308B\u5FC5\u8981\u304C\u3042\u308A\u307E\u3059" },
{ "compiler.err.io.exception",
"\u30BD\u30FC\u30B9\u30FB\u30D5\u30A1\u30A4\u30EB\u306E\u8AAD\u53D6\u308A\u30A8\u30E9\u30FC\u3067\u3059: {0}" },
{ "compiler.err.label.already.in.use",
"\u30E9\u30D9\u30EB{0}\u306F\u3059\u3067\u306B\u4F7F\u7528\u3055\u308C\u3066\u3044\u307E\u3059" },
{ "compiler.err.lambda.body.neither.value.nor.void.compatible",
"\u30E9\u30E0\u30C0\u30FB\u30DC\u30C7\u30A3\u306F\u5024\u4E92\u63DB\u3067\u3082void\u4E92\u63DB\u3067\u3082\u3042\u308A\u307E\u305B\u3093"
},
{ "compiler.err.lambda.not.supported.in.source", "\u30E9\u30E0\u30C0\u5F0F\u306F-source {0}\u3067\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u3066\u3044\u307E\u305B\u3093\n(\u30E9\u30E0\u30C0\u5F0F\u3092\u4F7F\u7528\u53EF\u80FD\u306B\u3059\u308B\u306B\u306F\u3001-source 8\u4EE5\u4E0A\u3092\u4F7F\u7528\u3057\u3066\u304F\u3060\u3055\u3044)" },
{ "compiler.err.limit.code", "\u30B3\u30FC\u30C9\u304C\u5927\u304D\u3059\u304E\u307E\u3059" },
{ "compiler.err.limit.code.too.large.for.try.stmt",
"try\u6587\u306E\u30B3\u30FC\u30C9\u304C\u5927\u304D\u3059\u304E\u307E\u3059" },
{ "compiler.err.limit.dimensions",
"\u914D\u5217\u578B\u306E\u6B21\u5143\u304C\u591A\u3059\u304E\u307E\u3059" },
{ "compiler.err.limit.locals",
"\u30ED\u30FC\u30AB\u30EB\u5909\u6570\u304C\u591A\u3059\u304E\u307E\u3059" },
{ "compiler.err.limit.parameters",
"\u30D1\u30E9\u30E1\u30FC\u30BF\u304C\u591A\u3059\u304E\u307E\u3059"
},
{ "compiler.err.limit.pool", "\u5B9A\u6570\u304C\u591A\u3059\u304E\u307E\u3059" },
{ "compiler.err.limit.pool.in.class",
"\u30AF\u30E9\u30B9{0}\u5185\u306E\u5B9A\u6570\u304C\u591A\u3059\u304E\u307E\u3059" },
{ "compiler.err.limit.stack",
"\u30B3\u30FC\u30C9\u304C\u8981\u6C42\u3059\u308B\u30B9\u30BF\u30C3\u30AF\u304C\u591A\u3059\u304E\u307E\u3059" },
{ "compiler.err.limit.string", "\u5B9A\u6570\u6587\u5B57\u5217\u304C\u9577\u3059\u304E\u307E\u3059"
},
{ "compiler.err.limit.string.overflow",
"\u6587\u5B57\u5217\"{0}...\"\u306EUTF8\u8868\u73FE\u304C\u3001\u5B9A\u6570\u30D7\u30FC\u30EB\u306B\u5BFE\u3057\u3066\u9577\u3059\u304E\u307E\u3059" },
{ "compiler.err.local.enum",
"\u5217\u6319\u578B\u306F\u30ED\u30FC\u30AB\u30EB\u306B\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.local.var.accessed.from.icls.needs.final",
"\u30ED\u30FC\u30AB\u30EB\u5909\u6570{0}\u306F\u5185\u90E8\u30AF\u30E9\u30B9\u304B\u3089\u30A2\u

30AF\u30BB\u30B9\u3055\u308C\u307E\u3059\u3002final\u3067\u5BA3\u8A00\u3055\u308C\u308B\u5FC5\u8981\u304C\u3042\u308A\u307E\u3059"
},
{ "compiler.err.malformed.fp.lit",
"\u6D6E\u52D5\u5C0F\u6570\u70B9\u30EA\u30C6\u30E9\u30EB\u304C\u4E0D\u6B63\u3067\u3059" },
{ "compiler.err.method.does.not.override.superclass",
"\u30E1\u30BD\u30C3\u30C9\u306F\u30B9\u30FC\u30D1\u30FC\u30BF\u30A4\u30D7\u306E\u30E1\u30BD\u30C3\u30C9\u3092\u30AA\u30FC\u30D0\u30FC\u30E9\u30A4\u30C9\u307E\u305F\u306F\u5B9F\u88C5\u3057\u307E\u305B\u3093" },
{ "compiler.err.method.invoked.with.incorrect.number.arguments",
"\u30E1\u30BD\u30C3\u30C9\u3092\u8D77\u52D5\u3057\u305F\u5F15\u6570\u306E\u6570\u304C\u6B63\u3057\u304F\u3042\u308A\u307E\u305B\u3093\u3002\u4E88\u671F\u3055\u308C\u308B\u6570\u306F{0}\u3067\u3059\u304C\u3001{1}\u304C\u898B\u3064\u304B\u308A\u307E\u3057\u305F" },
{ "compiler.err.method.references.not.supported.in.source",
"\u30E1\u30BD\u30C3\u30C9\u53C2\u7167\u306F-source
{0}\u3067\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u3066\u3044\u307E\u305B\u3093\n(\u30E1\u30BD\u30C3\u30C9\u53C2\u7167\u3092\u4F7F\u7528\u53EF\u80FD\u306B\u3059\u308B\u306B\u306F\u3001-source
8\u4EE5\u4E0A\u3092\u4F7F\u7528\u3057\u3066\u304F\u3060\u3055\u3044)" },
{ "compiler.err.missing.meth.body.or.decl.abstract",
"\u30E1\u30BD\u30C3\u30C9\u672C\u4F53\u304C\u306A\u3044\u304B\u3001abstract\u3068\u3057\u3066\u5BA3\u8A00\u3055\u308C\u3066\u3044\u307E\u3059" },
{ "compiler.err.missing.ret.stmt",
"return\u6587\u304C\u6307\u5B9A\u3055\u308C\u3066\u3044\u307E\u305B\u3093" },
{ "compiler.err.mod.not.allowed.here",
"\u4FEE\u98FE\u5B50{0}\u3092\u3053\u3053\u3067\u4F7F\u7528\u3059\u308B\u3053\u3068\u306F\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.multicatch.not.supported.in.source", "\u8907\u6570catch\u6587\u306F-source
{0}\u3067\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u3066\u3044\u307E\u305B\u3093\n(\u8907\u6570catch\u6587\u3092\u4F7F\u7528\u53EF\u80FD\u306B\u3059\u308B\u306B\u306F\u3001-source
7\u4EE5\u964D\u3092\u4F7F\u7528\u3057\u3066\u304F\u3060\u3055\u3044)" },
{ "compiler.err.multicatch.parameter.may.not.be.assigned",
"\u8907\u6570catch\u30D1\u30E9\u30E1\u30FC\u30BF{0}\u306B\u5024\u3092\u4EE3\u5165\u3059\u308B\u3053\u3068\u306F\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.multicatch.types.must.be.disjoint",
"\u8907\u6570catch\u6587\u306E\u4EE3\u66FF\u3092\u30B5\u30D6\u30AF\u30E9\u30B9\u5316\u306B\u3088\u3063\u3066\u95A2\u9023\u4ED8\u3051\u308B\u3053\u3068\u306F\u3067\u304D\u307E\u305B\u3093\n\u4EE3\u66FF{0}\u306F\u4EE3\u66FF{1}\u306E\u30B5\u30D6\u30AF\u30E9\u30B9\u3067\u3059" },
{ "compiler.err.name.clash.same.erasure",
"\u540D\u524D\u304C\u7AF6\u5408\u3057\u3066\u3044\u307E\u3059\u3002{0}\u3068{1}\u306F\u524A\u9664\u5F8C\u306E\u540D\u524D\u304C\u540C\u3058\u3067\u3059" },
{ "compiler.err.name.clash.same.erasure.no.hide",
"\u540D\u524D\u304C\u7AF6\u5408\u3057\u3066\u3044\u307E\u3059\u3002{1}\u306E{0}\u3068{3}\u306E{2}\u306F\u307E\u3060\u4ED6\u65B9\u3092\u975E\u8868\u793A\u306B\u3057\u3066\u3044\u307E\u305B\u3093\u304C\u3001\u524A\u9664\u5F8C\u306E\u540D\u524D\u304C\u540C\u3058\u3067\u3059"
},
{ "compiler.err.name.clash.same.erasure.no.override",
"\u540D\u524D\u304C\u7AF6\u5408\u3057\u3066\u3044\u307E\u3059\u3002{1}\u306E{0}\u3068{3}\u306E{2}\u306F\u307E\u3060\u4ED6\u65B9\u3092\u30AA\u30FC\u30D0\u30FC\u30E9\u30A4\u30C9\u3057\u3066\u3044\u

u307E\u305B\u3093\u304C\u3001\u524A\u9664\u5F8C\u306E\u540D\u524D\u304C\u540C\u3058\u3067\u3059"
},
{ "compiler.err.name.clash.same.erasure.no.override.1",
"\u540D\u524D\u304C\u7AF6\u5408\u3057\u3066\u3044\u307E\u3059\u3002{1}\u306E{0}\u306E\u3069\u3061\
u3089\u3082\u3001\u4ED6\u65B9\u306E\u6700\u521D\u306E\u30E1\u30BD\u30C3\u30C9\u3092\u307E\u3060\
u30AA\u30FC\u30D0\u30FC\u30E9\u30A4\u30C9\u3057\u3066\u3044\u307E\u305B\u3093\u304C\u3001\u524A\
u9664\u5F8C\u306E\u540D\u524D\u304C\u5225\u306E\u30E1\u30BD\u30C3\u30C9\u3068\u540C\u3058\u30E1\
u30BD\u30C3\u30C9\u3092\n\u30AA\u30FC\u30D0\u30FC\u30E9\u30A4\u30C9\u3057\u307E\u3059\u3002\u67
00\u521D\u306E\u30E1\u30BD\u30C3\u30C9:
{3}\u306E{2}\n2\u756A\u76EE\u306E\u30E1\u30BD\u30C3\u30C9: {5}\u306E{4}" },
{ "compiler.err.name.reserved.for.internal.use",
"{0}\u306F\u5185\u90E8\u3067\u306E\u4F7F\u7528\u306E\u305F\u3081\u4E88\u7D04\u3055\u308C\u3066\u30
44\u307E\u3059" },
{ "compiler.err.native.meth.cant.have.body",
"native\u30E1\u30BD\u30C3\u30C9\u304C\u672C\u4F53\u3092\u6301\u3064\u3053\u3068\u306F\u3067\u304D\
u307E\u305B\u3093" },
{ "compiler.err.neither.conditional.subtype",
"?\u306B\u5BFE\u3059\u308B\u4E0D\u9069\u5408\u306A\u578B :
\u3069\u3061\u3089\u3082\u4ED6\u65B9\u306E\u30B5\u30D6\u30BF\u30A4\u30D7\u3067\u306F\u3042\u308A\
u307E\u305B\u3093\u3002\n2\u756A\u76EE\u306E\u30AA\u30DA\u30E9\u30F3\u30C9 :
{0}\n3\u756A\u76EE\u306E\u30AA\u30DA\u30E9\u30F3\u30C9 : {1}" },

{ "compiler.err.new.not.allowed.in.annotation",
""new"\u306F\u6CE8\u91C8\u306B\u4F7F\u7528\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.no.annotation.member",
"{1}\u306E\u6CE8\u91C8\u30E1\u30F3\u30D0\u30FC{0}\u304C\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.err.no.annotations.on.dot.class",
"\u6CE8\u91C8\u306F\u30AF\u30E9\u30B9\u30FB\u30EA\u30C6\u30E9\u30EB\u306E\u30BF\u30A4\u30D7\u3
067\u8A31\u53EF\u3055\u308C\u307E\u305B\u3093" },
{ "compiler.err.no.encl.instance.of.type.in.scope",
"\u578B{0}\u306E\u5185\u90E8\u30AF\u30E9\u30B9\u3092\u56F2\u3080\u30A4\u30F3\u30B9\u30BF\u30F3\u3
0B9\u304C\u30B9\u30B3\u30FC\u30D7\u5185\u306B\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.err.no.intf.expected.here",
"\u3053\u3053\u306B\u30A4\u30F3\u30BF\u30D5\u30A7\u30FC\u30B9\u306F\u5FC5\u8981\u3042\u308A\u307
E\u305B\u3093" },
{ "compiler.err.no.match.entry",
"{0}\u306F{1}\u306E\u30A8\u30F3\u30C8\u30EA\u306B\u9069\u5408\u3057\u307E\u305B\u3093\u3002{2}\u3
04C\u5FC5\u8981\u3067\u3059"
},
{ "compiler.err.no.superclass",
"{0}\u306B\u306F\u30B9\u30FC\u30D1\u30FC\u30AF\u30E9\u30B9\u304C\u3042\u308A\u307E\u305B\u3093\u
3002" },
{ "compiler.err.non-static.cant.be.ref", "static\u3067\u306A\u3044{0}
{1}\u3092static\u30B3\u30F3\u30C6\u30AD\u30B9\u30C8\u304B\u3089\u53C2\u7167\u3059\u308B\u3053\u3068
\u306F\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.not.annotation.type",
"{0}\u306F\u6CE8\u91C8\u578B\u3067\u306F\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.err.not.def.access.class.intf.cant.access",

"{1}\u306E{0}\u304C\u30A2\u30AF\u30BB\u30B9\u3067\u304D\u306A\u3044\u30AF\u30E9\u30B9\u307E\u305F\u306F\u30A4\u30F3\u30BF\u30D5\u30A7\u30FC\u30B9\u306B\u5B9A\u7FA9\u3055\u308C\u3066\u3044\u307E\u3059" },
{ "compiler.err.not.def.public.cant.access",
"{1}\u306E{0}\u306Fpublic\u3067\u306F\u3042\u308A\u307E\u305B\u3093\u3002\u30D1\u30C3\u30B1\u30FC\u30B8\u5916\u304B\u3089\u306F\u30A2\u30AF\u30BB\u30B9\u3067\u304D\u307E\u305B\u3093"
},
{ "compiler.err.not.encl.class",
"{0}\u306F\u5185\u90E8\u30AF\u30E9\u30B9\u3092\u56F2\u307F\u307E\u305B\u3093" },
{ "compiler.err.not.in.profile",
"{0}\u306F\u30D7\u30ED\u30D5\u30A1\u30A4\u30EB"{1}"\u3067\u4F7F\u7528\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.not.loop.label",
"{0}\u306F\u30EB\u30FC\u30D7\u30FB\u30E9\u30D9\u30EB\u3067\u306F\u3042\u308A\u307E\u305B\u3093"
},
{ "compiler.err.not.stmt", "\u6587\u3067\u306F\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.err.not.within.bounds",
"\u578B\u5F15\u6570{0}\u306F\u578B\u5909\u6570{1}\u306E\u5883\u754C\u5185\u306B\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.err.operator.cant.be.applied",
"\u5358\u9805\u6F14\u7B97\u5B50"{0}"\u306E\u30AA\u30DA\u30E9\u30F3\u30C9\u578B{1}\u304C\u4E0D\u6B63\u3067\u3059" },
{ "compiler.err.operator.cant.be.applied.1",
"\u4E8C\u9805\u6F14\u7B97\u5B50"{0}"\u306E\u30AA\u30DA\u30E9\u30F3\u30C9\u578B\u304C\u4E0D\u6B63\u3067\u3059\n\u6700\u521D\u306E\u578B:
{1}\n2\u756A\u76EE\u306E\u578B: {2}" },
{ "compiler.err.orphaned", "{0}\u306B\u306F\u89AA\u304C\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.err.override.incompatible.ret",
"{0}\n\u623B\u308A\u5024\u306E\u578B{1}\u306F{2}\u3068\u4E92\u63DB\u6027\u304C\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.err.override.meth",
"{0}\n\u30AA\u30FC\u30D0\u30FC\u30E9\u30A4\u30C9\u3055\u308C\u305F\u30E1\u30BD\u30C3\u30C9\u306F{1}\u3067\u3059" },
{ "compiler.err.override.meth.doesnt.throw",
"{0}\n\u30AA\u30FC\u30D0\u30FC\u30E9\u30A4\u30C9\u3055\u308C\u305F\u30E1\u30BD\u30C3\u30C9\u306F{1}\u3092\u30B9\u30ED\u30FC\u3057\u307E\u305B\u3093" },
{ "compiler.err.override.static",
"{0}\n\u30AA\u30FC\u30D0\u30FC\u30E9\u30A4\u30C9\u3059\u308B\u30E1\u30BD\u30C3\u30C9\u304Cstatic\u3067\u3059" },
{ "compiler.err.override.weaker.access",
"{0}\n({1})\u3088\u308A\u5F31\u3044\u30A2\u30AF\u30BB\u30B9\u6A29\u9650\u3092\u5272\u308A\u5F53\u3066\u3088\u3046\u3068\u3057\u307E\u3057\u305F" },
{ "compiler.err.pkg.annotations.sb.in.package-info.java",
"\u30D1\u30C3\u30B1\u30FC\u30B8\u306E\u6CE8\u91C8\u306F\u30D5\u30A1\u30A4\u30EBpackage-info.java\u5185\u306B\u3042\u308B\u5FC5\u8981\u304C\u3042\u308A\u307E\u3059" },
{ "compiler.err.pkg.clashes.with.class.of.same.name",
"\u30D1\u30C3\u30B1\u30FC\u30B8{0}\u306F\u540C\u540D\u306E\u30AF\u30E9\u30B9\u3068\u7AF6\u5408\u3057\u3066\u3044\u307E\u3059" },

{ "compiler.err.premature.eof",
"\u69CB\u6587\u89E3\u6790\u4E2D\u306B\u30D5\u30A1\u30A4\u30EB\u306E\u7D42\u308F\u308A\u306B\u79FB\u308A\u307E\u3057\u305F" },
{ "compiler.err.prob.found.req", "\u4E0D\u9069\u5408\u306A\u578B: {0}" },
{ "compiler.err.proc.bad.config.file",
"\u30B5\u30FC\u30D3\u30B9\u69CB\u6210\u30D5\u30A1\u30A4\u30EB\u304C\u4E0D\u6B63\u3067\u3042\u308B\u304B\u3001\u30D7\u30ED\u30BB\u30C3\u30B5\u30FB\u30AA\u30D6\u30B8\u30A7\u30AF\u30C8\u306E\u69CB\u7BC9\u4E2D\u306B\u4F8B\u5916\u304C\u30B9\u30ED\u30FC\u3055\u308C\u307E\u3057\u305F:
{0}" },
{ "compiler.err.proc.cant.access",
"{0}\u306B\u30A2\u30AF\u30BB\u30B9\u3067\u304D\u307E\u305B\u3093\n{1}\n\u8A73\u7D30\u306F\u6B21\u306E\u30B9\u30BF\u30C3\u30AF\u30FB\u30C8\u30EC\u30FC\u30B9\u3067\u8ABF\u67FB\u3057\u3066\u304F\u3060\u3055\u3044\u3002\n{2}" },
{ "compiler.err.proc.cant.access.1",
"{0}\u306B\u30A2\u30AF\u30BB\u30B9\u3067\u304D\u307E\u305B\u3093\n{1}" },
{ "compiler.err.proc.cant.create.loader",
"\u6CE8\u91C8\u30D7\u30ED\u30BB\u30C3\u30B5\u306E\u30AF\u30E9\u30B9\u30FB\u30ED\u30FC\u30C0\u30FC\u3092\u4F5C\u6210\u3067\u304D\u307E\u305B\u3093\u3067\u3057\u305F: {0}" },
{ "compiler.err.proc.cant.find.class",
""{0}"\u306E\u30AF\u30E9\u30B9\u30FB\u30D5\u30A1\u30A4\u30EB\u304C\u898B\u3064\u304B\u308A\u307E\u305B\u3093\u3067\u3057\u305F\u3002" },

{ "compiler.err.proc.messager", "{0}" },
{ "compiler.err.proc.no.explicit.annotation.processing.requested",
"\u30AF\u30E9\u30B9\u540D"{0}"\u304C\u53D7\u3051\u5165\u308C\u3089\u308C\u308B\u306E\u306F\u3001\u6CE8\u91C8\u51E6\u7406\u304C\u660E\u793A\u7684\u306B\u30EA\u30AF\u30A8\u30B9\u30C8\u3055\u308C\u305F\u5834\u5408\u306E\u307F\u3067\u3059" },
{ "compiler.err.proc.no.service",
"\u30B5\u30FC\u30D3\u30B9\u30FB\u30ED\u30FC\u30C0\u30FC\u304C\u4F7F\u7528\u3067\u304D\u307E\u305B\u3093\u3067\u3057\u305F\u304C\u3001\u6CE8\u91C8\u51E6\u7406\u306B\u5FC5\u8981\u3067\u3059\u3002" },
{ "compiler.err.proc.processor.bad.option.name",
"\u30D7\u30ED\u30BB\u30C3\u30B5"{1}"\u306B\u3088\u3063\u3066\u6307\u5B9A\u3055\u308C\u305F\u30AA\u30D7\u30B7\u30E7\u30F3\u540D"{0}"\u304C\u4E0D\u6B63\u3067\u3059" },
{ "compiler.err.proc.processor.cant.instantiate",
"\u30D7\u30ED\u30BB\u30C3\u30B5"{0}"\u306E\u30A4\u30F3\u30B9\u30BF\u30F3\u30B9\u3092\u30A4\u30F3\u30B9\u30BF\u30F3\u30B9\u5316\u3067\u304D\u307E\u305B\u3093\u3067\u3057\u305F"
},
{ "compiler.err.proc.processor.not.found",
"\u6CE8\u91C8\u30D7\u30ED\u30BB\u30C3\u30B5"{0}"\u304C\u898B\u3064\u304B\u308A\u307E\u305B\u3093" },
{ "compiler.err.proc.processor.wrong.type",
"\u6CE8\u91C8\u30D7\u30ED\u30BB\u30C3\u30B5"{0}"\u304Cjavax.annotation.processing.Processor\u3092\u5B9F\u88C5\u3057\u3066\u3044\u307E\u305B\u3093" },
{ "compiler.err.proc.service.problem",
"\u30D7\u30ED\u30BB\u30C3\u30B5\u3092\u30ED\u30FC\u30C9\u3059\u308B\u305F\u3081\u306E\u30B5\u30FC\u30D3\u30B9\u30FB\u30ED\u30FC\u30C0\u30FC\u3092\u4F5C\u6210\u4E2D\u306B\u30A8\u30E9\u30FC\u304C\u767A\u751F\u3057\u307E\u3057\u305F\u3002" },

{ "compiler.err.qualified.new.of.static.class",
"static\u30AF\u30E9\u30B9\u306Enew\u304C\u4FEE\u98FE\u3055\u308C\u3066\u3044\u307E\u3059" },
{ "compiler.err.receiver.parameter.not.applicable.constructor.toplevel.class",
"\u53D7\u53D6\u308A\u5074\u30D1\u30E9\u30E1\u30FC\u30BF\u306F\u6700\u4E0A\u4F4D\u30EC\u30D9\u30EB\u30FB\u30AF\u30E9\u30B9\u306E\u30B3\u30F3\u30B9\u30C8\u30E9\u30AF\u30BF\u306B\u9069\u7528\u3067\u304D\u307E\u305B\u3093"
},
{ "compiler.err.recursive.ctor.invocation",
"\u30B3\u30F3\u30B9\u30C8\u30E9\u30AF\u30BF\u306E\u547C\u51FA\u3057\u304C\u518D\u5E30\u7684\u3067\u3059" },
{ "compiler.err.ref.ambiguous",
"{0}\u306E\u53C2\u7167\u306F\u3042\u3044\u307E\u3044\u3067\u3059\n{3}\u306E{1} {2}\u3068{6}\u306E{4} {5}\u306E\u4E21\u65B9\u304C\u4E00\u81F4\u3057\u307E\u3059" },
{ "compiler.err.repeatable.annotations.not.supported.in.source",
"\u7E70\u8FD4\u3057\u6CE8\u91C8\u306F-source
{0}\u3067\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u3066\u3044\u307E\u305B\u3093\n(\u7E70\u8FD4\u3057\u6CE8\u91C8\u3092\u4F7F\u7528\u53EF\u80FD\u306B\u3059\u308B\u306B\u306F\u3001-source
8\u4EE5\u4E0A\u3092\u4F7F\u7528\u3057\u3066\u304F\u3060\u3055\u3044)" },
{ "compiler.err.repeated.annotation.target",
"\u6CE8\u91C8\u30BF\u30FC\u30B2\u30C3\u30C8\u304C\u7E70\u308A\u8FD4\u3055\u308C\u3066\u3044\u307E\u3059" },
{ "compiler.err.repeated.interface",
"\u30A4\u30F3\u30BF\u30D5\u30A7\u30FC\u30B9\u304C\u7E70\u308A\u8FD4\u3055\u308C\u3066\u3044\u307E\u3059" },
{ "compiler.err.repeated.modifier",
"\u4FEE\u98FE\u5B50\u304C\u7E70\u308A\u8FD4\u3055\u308C\u3066\u3044\u307E\u3059" },
{ "compiler.err.report.access",
"{0}\u306F{2}\u3067{1}\u30A2\u30AF\u30BB\u30B9\u3055\u308C\u307E\u3059" },
{ "compiler.err.ret.outside.meth",
"\u30E1\u30BD\u30C3\u30C9\u306E\u5916\u306Ereturn\u6587\u3067\u3059" },
{ "compiler.err.signature.doesnt.match.intf",
"\u30B7\u30B0\u30CD\u30C1\u30E3\u304C{0}\u306B\u4E00\u81F4\u3057\u307E\u305B\u3093\u3002\u4E0D\u9069\u5408\u306A\u30A4\u30F3\u30BF\u30D5\u30A7\u30FC\u30B9\u3067\u3059" },
{ "compiler.err.signature.doesnt.match.supertype",
"\u30B7\u30B0\u30CD\u30C1\u30E3\u304C{0}\u306B\u4E00\u81F4\u3057\u307E\u305B\u3093\u3002\u4E0D\u9069\u5408\u306A\u30B9\u30FC\u30D1\u30FC\u30BF\u30A4\u30D7\u3067\u3059"
},
{ "compiler.err.source.cant.overwrite.input.file",
"\u30BD\u30FC\u30B9\u306E\u66F8\u8FBC\u307F\u30A8\u30E9\u30FC\u3067\u3059\u3002\u5165\u529B\u30D5\u30A1\u30A4\u30EB{0}\u3092\u4E0A\u66F8\u304D\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.stack.sim.error", "\u5185\u90E8\u30A8\u30E9\u30FC:
{0}\u3067\u306E\u30B9\u30BF\u30C3\u30AF\u30FB\u30B7\u30DF\u30E5\u30EC\u30FC\u30B7\u30E7\u30F3\u30FB\u30A8\u30E9\u30FC" },
{ "compiler.err.static.imp.only.classes.and.interfaces", "static
import\u306F\u30AF\u30E9\u30B9\u3068\u30A4\u30F3\u30BF\u30D5\u30A7\u30FC\u30B9\u304B\u3089\u306E\u307F\u3068\u306A\u308A\u307E\u3059" },
{ "compiler.err.static.import.not.supported.in.source", "static import\u5BA3\u8A00\u306F -source
{0}\u3067\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u3066\u3044\u307E\u305B\u3093\n(static

import\u5BA3\u8A00\u3092\u4F7F\u7528\u53EF\u80FD\u306B\u3059\u308B\u306B\u306F\u3001-source
5\u4EE5\u964D\u3092\u4F7F\u7528\u3057\u3066\u304F\u3060\u3055\u3044)" },
{ "compiler.err.static.intf.method.invoke.not.supported.in.source",
"static\u30A4\u30F3\u30BF\u30D5\u30A7\u30FC\u30B9\u30FB\u30E1\u30BD\u30C3\u30C9\u547C\u51FA\u3057\u306F-source
{0}\u3067\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u3066\u3044\u307E\u305B\u3093\n(static\u30A4\u30F3\u30BF\u30D5\u30A7\u30FC\u30B9\u30FB\u30E1\u30BD\u30C3\u30C9\u547C\u51FA\u3057\u3092\u4F7F\u7528\u53EF\u80FD\u306B\u3059\u308B\u306B\u306F\u3001-source
8\u4EE5\u4E0A\u3092\u4F7F\u7528\u3057\u3066\u304F\u3060\u3055\u3044)" },
{ "compiler.err.static.intf.methods.not.supported.in.source",
"static\u30A4\u30F3\u30BF\u30D5\u30A7\u30FC\u30B9\u306F-source
{0}\u3067\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u3066\u3044\u307E\u305B\u3093\n(static\u30A4\u30F3\u30BF\u30D5\u30A7\u30FC\u30B9\u3092\u4F7F\u7528\u53EF\u80FD\u306B\u3059\u308B\u306B\u306F\u3001-source 8\u4EE5\u4E0A\u3092\u4F7F\u7528\u3057\u3066\u304F\u3060\u3055\u3044)"
},
{ "compiler.err.string.const.req",
"\u5B9A\u6570\u306E\u6587\u5B57\u5217\u5F0F\u304C\u5FC5\u8981\u3067\u3059" },
{ "compiler.err.string.switch.not.supported.in.source", "switch\u5185\u306E\u6587\u5B57\u5217\u306F-source
{0}\u3067\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u3066\u3044\u307E\u305B\u3093\n(switch\u5185\u306E\u6587\u5B57\u5217\u3092\u4F7F\u7528\u53EF\u80FD\u306B\u3059\u308B\u306B\u306F\u3001-source
7\u4EE5\u964D\u3092\u4F7F\u7528\u3057\u3066\u304F\u3060\u3055\u3044)" },
{ "compiler.err.synthetic.name.conflict",
"\u30B7\u30F3\u30DC\u30EB{0}\u304C\u3001{1}\u3067\u30B3\u30F3\u30D1\u30A4\u30E9\u304C\u5408\u6210\u3057\u305F\u30B7\u30F3\u30DC\u30EB\u3068\u7AF6\u5408\u3057\u307E\u3059" },
{ "compiler.err.this.as.identifier",
"\u30EA\u30EA\u30FC\u30B98\u304B\u3089"this"\u306F\u53D7\u4FE1\u30BF\u30A4\u30D7\u306E\u30D1\u30E9\u30E1\u30FC\u30BF\u540D\u3068\u3057\u3066\u306E\u307F\u8A31\u53EF\u3055\u308C\u3001\u6700\u521D\u306E\u30D1\u30E9\u30E1\u30FC\u30BF\u306B\u3059\u308B\u5FC5\u8981\u304C\u3042\u308A\u307E\u3059"
},
{ "compiler.err.throws.not.allowed.in.intf.annotation",
"throws\u7BC0\u3092@interface\u30E1\u30F3\u30D0\u30FC\u3067\u4F7F\u7528\u3059\u308B\u3053\u3068\u306F\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.try.resource.may.not.be.assigned",
"\u81EA\u52D5\u30AF\u30ED\u30FC\u30BA\u53EF\u80FD\u306A\u30EA\u30BD\u30FC\u30B9{0}\u306B\u5024\u3092\u4EE3\u5165\u3059\u308B\u3053\u3068\u306F\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.try.with.resources.not.supported.in.source", "try-with-resource\u306F-source
{0}\u3067\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u3066\u3044\u307E\u305B\u3093\n(try-with-resource\u3092\u4F7F\u7528\u53EF\u80FD\u306B\u3059\u308B\u306B\u306F\u3001-source
7\u4EE5\u964D\u3092\u4F7F\u7528\u3057\u3066\u304F\u3060\u3055\u3044)" },
{ "compiler.err.try.without.catch.finally.or.resource.decls",
""try"\u3078\u306E"catch"\u3001"finally"\u307E\u305F\u306F\u30EA\u30BD\u30FC\u30B9\u5BA3\u8A00\u304C\u3042\u308A\u307E\u305B\u3093"
},
{ "compiler.err.try.without.catch.or.finally",
""try"\u3078\u306E"catch"\u307E\u305F\u306F"finally"\u304C\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.err.type.annotations.not.supported.in.source", "\u30BF\u30A4\u30D7\u6CE8\u91C8\u306F-

source
{0}\u3067\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u3066\u3044\u307E\u305B\u3093\n(\u30BF\u30A4\u30D7\
u6CE8\u91C8\u3092\u4F7F\u7528\u53EF\u80FD\u306B\u3059\u308B\u306B\u306F\u3001-source
8\u4EE5\u4E0A\u3092\u4F7F\u7528\u3057\u3066\u304F\u3060\u3055\u3044)" },
{ "compiler.err.type.doesnt.take.params",
"\u578B{0}\u306F\u30D1\u30E9\u30E1\u30FC\u30BF\u3092\u3068\u308A\u307E\u305B\u3093" },
{ "compiler.err.type.found.req", "\u4E88\u671F\u3057\u306A\u3044\u578B\n\u671F\u5F85\u5024:
{1}\n\u691C\u51FA\u5024: {0}" },
{ "compiler.err.type.var.cant.be.deref",
"\u578B\u5909\u6570\u304B\u3089\u9078\u629E\u3067\u304D\u307E\u305B\u3093"
},
{ "compiler.err.type.var.may.not.be.followed.by.other.bounds",
"\u3053\u306E\u578B\u5909\u6570\u306E\u5F8C\u308D\u306B\u4ED6\u306E\u5883\u754C\u3092\u914D\u7F6
E\u3059\u308B\u3053\u3068\u306F\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.type.var.more.than.once",
"\u578B\u5909\u6570{0}\u306F{1}\u306E\u623B\u308A\u5024\u306E\u578B\u30672\u56DE\u4EE5\u4E0A\u51
FA\u73FE\u3057\u307E\u3059\u3002\u30A4\u30F3\u30B9\u30BF\u30F3\u30B9\u751F\u6210\u3055\u308C\u306
A\u3044\u307E\u307E\u306B\u306F\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.type.var.more.than.once.in.result",
"\u578B\u5909\u6570{0}\u306F{1}\u306E\u578B\u30672\u56DE\u4EE5\u4E0A\u51FA\u73FE\u3057\u307E\u30
59\u3002\u30A4\u30F3\u30B9\u30BF\u30F3\u30B9\u751F\u6210\u3055\u308C\u306A\u3044\u307E\u307E\u306
B\u306F\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.types.incompatible.abstract.default", "{0}
{1}\u306F\u578B{4}\u3068{5}\u304B\u3089{2}({3})\u306E\u62BD\u8C61\u3068\u30C7\u30D5\u30A9\u30EB\
u30C8\u3092\u7D99\u627F\u3057\u307E\u3059"
},
{ "compiler.err.types.incompatible.diff.ret",
"\u578B{0}\u3068\u578B{1}\u304C\u9069\u5408\u3057\u3066\u3044\u307E\u305B\u3093\u3002\u4E21\u65B9\
u3068\u3082{2}\u3092\u5B9A\u7FA9\u3057\u3066\u3044\u307E\u3059\u304C\u3001\u623B\u308A\u5024\u306
E\u578B\u304C\u7121\u95A2\u4FC2\u3067\u3059" },
{ "compiler.err.types.incompatible.unrelated.defaults", "{0}
{1}\u306F\u578B{4}\u3068{5}\u304B\u3089{2}({3})\u306E\u95A2\u9023\u3057\u306A\u3044\u30C7\u30D5\u3
0A9\u30EB\u30C8\u3092\u7D99\u627F\u3057\u307E\u3059" },
{ "compiler.err.unclosed.char.lit",
"\u6587\u5B57\u30EA\u30C6\u30E9\u30EB\u304C\u9589\u3058\u3089\u308C\u3066\u3044\u307E\u305B\u3093
" },
{ "compiler.err.unclosed.comment",
"\u30B3\u30E1\u30F3\u30C8\u304C\u9589\u3058\u3089\u308C\u3066\u3044\u307E\u305B\u3093" },
{ "compiler.err.unclosed.str.lit",
"\u6587\u5B57\u5217\u30EA\u30C6\u30E9\u30EB\u304C\u9589\u3058\u3089\u308C\u3066\u3044\u307E\u305B
\u3093"
},
{ "compiler.err.undef.label", "\u30E9\u30D9\u30EB{0}\u306F\u672A\u5B9A\u7FA9\u3067\u3059" },
{ "compiler.err.underscore.as.identifier.in.lambda",
""_"\u304C\u8B58\u5225\u5B50\u3068\u3057\u3066\u4F7F\u7528\u3055\u308C\u3066\u3044\u307E\u3059\n(\u3
0E9\u30E0\u30C0\u30FB\u30D1\u30E9\u30E1\u30FC\u30BF\u3067\u306F"_"\u3092\u8B58\u5225\u5B50\u3068\
u3057\u3066\u4F7F\u7528\u3059\u308B\u3053\u3068\u306F\u7981\u6B62\u3055\u308C\u3066\u3044\u307E\u30
59)" },

{ "compiler.err.unexpected.lambda",
"\u3053\u3053\u3067\u306F\u30E9\u30E0\u30C0\u5F0F\u306F\u4E88\u671F\u3055\u308C\u3066\u3044\u307E\u305B\u3093" },
{ "compiler.err.unexpected.mref",
"\u3053\u3053\u3067\u306F\u30E1\u30BD\u30C3\u30C9\u53C2\u7167\u306F\u4E88\u671F\u3055\u308C\u3066\u3044\u307E\u305B\u3093" },
{ "compiler.err.unexpected.type", "\u4E88\u671F\u3057\u306A\u3044\u578B\n\u671F\u5F85\u5024:
{0}\n\u691C\u51FA\u5024: {1}" },
{ "compiler.err.unreachable.stmt",
"\u3053\u306E\u6587\u306B\u5236\u5FA1\u304C\u79FB\u308B\u3053\u3068\u306F\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.err.unreported.exception.default.constructor",
"\u30C7\u30D5\u30A9\u30EB\u30C8\u306E\u30B3\u30F3\u30B9\u30C8\u30E9\u30AF\u30BF\u5185\u306B\u5831\u544A\u3055\u308C\u306A\u3044\u4F8B\u5916{0}\u304C\u5B58\u5728\u3057\u307E\u3059" },
{ "compiler.err.unreported.exception.implicit.close",
"\u5831\u544A\u3055\u308C\u306A\u3044\u4F8B\u5916{0}\u306F\u3001\u30B9\u30ED\u30FC\u3059\u308B\u306B\u306F\u6355\u6349\u307E\u305F\u306F\u5BA3\u8A00\u3059\u308B\u5FC5\u8981\u304C\u3042\u308A\u307E\u3059\n\u30EA\u30BD\u30FC\u30B9\u5909\u6570"{1}"\u3067\u306Eclose()\u306E\u6697\u9ED9\u7684\u306A\u30B3\u30FC\u30EB\u304B\u3089\u4F8B\u5916\u304C\u30B9\u30ED\u30FC\u3055\u308C\u307E\u3057\u305F" },
{ "compiler.err.unreported.exception.need.to.catch.or.throw",
"\u4F8B\u5916{0}\u306F\u5831\u544A\u3055\u308C\u307E\u305B\u3093\u3002\u30B9\u30ED\u30FC\u3059\u308B\u306B\u306F\u3001\u6355\u6349\u307E\u305F\u306F\u5BA3\u8A00\u3059\u308B\u5FC5\u8981\u304C\u3042\u308A\u307E\u3059" },
{ "compiler.err.unsupported.binary.lit", "2\u9032\u6570\u30EA\u30C6\u30E9\u30EB\u306F-source
{0}\u3067\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u3066\u3044\u307E\u305B\u3093\n(2\u9032\u6570\u30EA\u30C6\u30E9\u30EB\u3092\u4F7F\u7528\u53EF\u80FD\u306B\u3059\u308B\u306B\u306F-source
7\u4EE5\u964D\u3092\u4F7F\u7528\u3057\u3066\u304F\u3060\u3055\u3044)" },
{ "compiler.err.unsupported.cross.fp.lit",
"16\u9032\u6D6E\u52D5\u5C0F\u6570\u70B9\u30EA\u30C6\u30E9\u30EB\u306F\u3053\u306EVM\u3067\u306F\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u3066\u3044\u307E\u305B\u3093" },
{ "compiler.err.unsupported.encoding",
"\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u3066\u3044\u306A\u3044\u30A8\u30F3\u30B3\u30FC\u30C7\u30A3\u30F3\u30B0\u3067\u3059: {0}" },
{
"compiler.err.unsupported.fp.lit",
"16\u9032\u6570\u6D6E\u52D5\u5C0F\u6570\u70B9\u30EA\u30C6\u30E9\u30EB\u306F-source
{0}\u3067\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u3066\u3044\u307E\u305B\u3093\n(16\u9032\u6570\u6D6E\u52D5\u5C0F\u6570\u70B9\u30EA\u30C6\u30E9\u30EB\u3092\u4F7F\u7528\u53EF\u80FD\u306B\u3059\u308B\u306B\u306F\u3001-source 5\u4EE5\u964D\u3092\u4F7F\u7528\u3057\u3066\u304F\u3060\u3055\u3044)" },
{ "compiler.err.unsupported.underscore.lit",
"\u30EA\u30C6\u30E9\u30EB\u5185\u306E\u30A2\u30F3\u30C0\u30FC\u30B9\u30B3\u30A2\u306F-source
{0}\u3067\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u3066\u3044\u307E\u305B\u3093\n(\u30EA\u30C6\u30E9\u30EB\u5185\u306E\u30A2\u30F3\u30C0\u30FC\u30B9\u30B3\u30A2\u3092\u4F7F\u7528\u53EF\u80FD\u306B\u3059\u308B\u306B\u306F\u3001-source
7\u4EE5\u964D\u3092\u4F7F\u7528\u3057\u3066\u304F\u3060\u3055\u3044)" },
{ "compiler.err.var.might.already.be.assigned",
"\u5909\u6570{0}\u306F\u3059\u3067\u306B\u4EE3\u5165\u3055\u308C\u3066\u3044\u308B\u53EF\u80FD\u60

27\u304C\u3042\u308A\u307E\u3059"
},
{ "compiler.err.var.might.be.assigned.in.loop",
"\u5909\u6570{0}\u306F\u30EB\u30FC\u30D7\u5185\u3067\u4EE3\u5165\u3055\u308C\u3066\u3044\u308B\u53EF\u80FD\u6027\u304C\u3042\u308A\u307E\u3059" },
{ "compiler.err.var.might.not.have.been.initialized",
"\u5909\u6570{0}\u306F\u521D\u671F\u5316\u3055\u308C\u3066\u3044\u306A\u3044\u53EF\u80FD\u6027\u304C\u3042\u308A\u307E\u3059" },
{ "compiler.err.var.not.initialized.in.default.constructor",
"\u5909\u6570{0}\u306F\u3001\u30C7\u30D5\u30A9\u30EB\u30C8\u30FB\u30B3\u30F3\u30B9\u30C8\u30E9\u30AF\u30BF\u3067\u521D\u671F\u5316\u3055\u308C\u3066\u3044\u307E\u305B\u3093" },
{ "compiler.err.varargs.and.old.array.syntax",
"\u65E7\u5F0F\u306E\u914D\u5217\u8868\u8A18\u6CD5\u306F\u53EF\u5909\u5F15\u6570\u30D1\u30E9\u30E1\u30FC\u30BF\u3067\u306F\u4F7F\u7528\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.varargs.and.receiver",
"varargs\u8868\u8A18\u306F\u53D7\u53D6\u308A\u5074\u30D1\u30E9\u30E1\u30FC\u30BF\u3067\u4F7F\u7528\u3067\u304D\u307E\u305B\u3093"
},
{ "compiler.err.varargs.invalid.trustme.anno",
"{0}\u6CE8\u91C8\u304C\u7121\u52B9\u3067\u3059\u3002{1}" },
{ "compiler.err.varargs.not.supported.in.source",
"\u53EF\u5909\u5F15\u6570\u30E1\u30BD\u30C3\u30C9\u306F-source
{0}\u3067\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u3066\u3044\u307E\u305B\u3093\n(\u53EF\u5909\u5F15\u6570\u30E1\u30BD\u30C3\u30C9\u3092\u4F7F\u7528\u53EF\u80FD\u306B\u3059\u308B\u306B\u306F\u3001-source 5\u4EE5\u964D\u3092\u4F7F\u7528\u3057\u3066\u304F\u3060\u3055\u3044)" },
{ "compiler.err.variable.not.allowed",
"\u5909\u6570\u306E\u5BA3\u8A00\u3092\u3053\u3053\u3067\u4F7F\u7528\u3059\u308B\u3053\u3068\u306F\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.err.void.not.allowed.here",
"\u3053\u3053\u3067"void"\u578B\u3092\u4F7F\u7528\u3059\u308B\u3053\u3068\u306F\u3067\u304D\u307E\u305B\u3093" },

{ "compiler.err.warnings.and.werror", "\u8B66\u544A\u304C\u898B\u3064\u304B\u308A-Werror\u304C\u6307\u5B9A\u3055\u308C\u307E\u3057\u305F" },
{ "compiler.err.wrong.number.type.args",
"\u578B\u5F15\u6570\u306E\u6570\u304C\u4E0D\u6B63\u3067\u3059\u3002{0}\u500B\u5FC5\u8981\u3067\u3059" },
{ "compiler.misc.anonymous.class", "<anonymous {0}>" },
{ "compiler.misc.applicable.method.found",
"#{0}\u500B\u306E\u4F7F\u7528\u53EF\u80FD\u30E1\u30BD\u30C3\u30C9\u304C\u898B\u3064\u304B\u308A\u307E\u3057\u305F: {1}" },
{ "compiler.misc.applicable.method.found.1",
"#{0}\u500B\u306E\u4F7F\u7528\u53EF\u80FD\u30E1\u30BD\u30C3\u30C9\u304C\u898B\u3064\u304B\u308A\u307E\u3057\u305F: {1}\n({2})" },
{ "compiler.misc.arg.length.mismatch",
"\u5B9F\u5F15\u6570\u30EA\u30B9\u30C8\u3068\u4EEE\u5F15\u6570\u30EA\u30B9\u30C8\u306E\u9577\u3055\u304C\u7570\u306A\u308A\u307E\u3059" },
{ "compiler.misc.bad.class.file.header",

"\u30AF\u30E9\u30B9\u30FB\u30D5\u30A1\u30A4\u30EB{0}\u306F\u4E0D\u6B63\u3067\u3059\n{1}\n\u524A\u9664\u3059\u308B\u304B\u3001\u30AF\u30E9\u30B9\u30D1\u30B9\u306E\u6B63\u3057\u3044\u30B5\u30D6\u30C7\u30A3\u30EC\u30AF\u30C8\u30EA\u306B\u3042\u308B\u304B\u3092\u78BA\u8A8D\u3057\u3066\u304F\u3060\u3055\u3044\u3002"
},
{ "compiler.misc.bad.class.signature",
"\u30AF\u30E9\u30B9{0}\u306E\u30B7\u30B0\u30CD\u30C1\u30E3\u304C\u4E0D\u6B63\u3067\u3059" },
{ "compiler.misc.bad.const.pool.entry",
"{0}\u306E\u5B9A\u6570\u30D7\u30FC\u30EB\u30FB\u30A8\u30F3\u30C8\u30EA\u304C\u4E0D\u6B63\u3067\u3059\n\u7D22\u5F15{2}\u3067\u306F{1}\u304C\u5FC5\u8981\u3067\u3059" },
{ "compiler.misc.bad.const.pool.tag",
"\u5B9A\u6570\u30D7\u30FC\u30EB\u30FB\u30BF\u30B0{0}\u304C\u4E0D\u6B63\u3067\u3059" },
{ "compiler.misc.bad.const.pool.tag.at",
"\u5B9A\u6570\u30D7\u30FC\u30EB\u30FB\u30BF\u30B0{1}\u3067\u306E{0}\u304C\u4E0D\u6B63\u3067\u3059" },
{ "compiler.misc.bad.enclosing.class",
"{0}\u306E\u5185\u90E8\u30AF\u30E9\u30B9\u304C\u4E0D\u6B63\u3067\u3059:
{1}" },
{ "compiler.misc.bad.enclosing.method",
"\u30AF\u30E9\u30B9{0}\u306E\u56F2\u3093\u3067\u3044\u308B\u30E1\u30BD\u30C3\u30C9\u5C5E\u6027\u304C\u4E0D\u6B63\u3067\u3059" },
{ "compiler.misc.bad.intersection.target.for.functional.expr",
"\u30E9\u30E0\u30C0\u307E\u305F\u306F\u30E1\u30BD\u30C3\u30C9\u53C2\u7167\u306E\u4EA4\u5DEE\u30BF\u30A4\u30D7\u30FB\u30BF\u30FC\u30B2\u30C3\u30C8\u304C\u4E0D\u6B63\u3067\u3059\n{0}" },
{ "compiler.misc.bad.runtime.invisible.param.annotations",
"RuntimeInvisibleParameterAnnotations\u5C5E\u6027\u304C\u4E0D\u6B63\u3067\u3059: {0}" },
{ "compiler.misc.bad.signature",
"\u30B7\u30B0\u30CD\u30C1\u30E3{0}\u304C\u4E0D\u6B63\u3067\u3059" },
{ "compiler.misc.bad.source.file.header",
"\u30BD\u30FC\u30B9\u30FB\u30D5\u30A1\u30A4\u30EB{0}\u306F\u4E0D\u6B63\u3067\u3059\n{1}\n\u524A\u9664\u3059\u308B\u304B\u3001\u30BD\u30FC\u30B9\u30FB\u30D1\u30B9\u306E\u6B63\u3057\u3044\u30B5\u30D6\u30C7\u30A3\u30EC\u30AF\u30C8\u30EA\u306B\u3042\u308B\u304B\u3092\u78BA\u8A8D\u3057\u3066\u304F\u3060\u3055\u3044\u3002"
},
{ "compiler.misc.bad.type.annotation.value",
"\u6CE8\u91C8\u30BF\u30FC\u30B2\u30C3\u30C8\u578B\u306E\u5024\u306E\u578B\u304C\u4E0D\u6B63\u3067\u3059: {0}" },
{ "compiler.misc.base.membership",
"\u3059\u3079\u3066\u306E\u30D9\u30FC\u30B9\u30FB\u30AF\u30E9\u30B9\u304C\u30E1\u30F3\u30D0\u30FC\u3067\u3059" },
{ "compiler.misc.cant.access.inner.cls.constr",
"\u30B3\u30F3\u30B9\u30C8\u30E9\u30AF\u30BF{0}({1})\u306B\u30A2\u30AF\u30BB\u30B9\u3067\u304D\u307E\u305B\u3093\n\u5185\u90E8\u30AF\u30E9\u30B9\u3092\u56F2\u3080\u578B{2}\u306E\u30A4\u30F3\u30B9\u30BF\u30F3\u30B9\u304C\u30B9\u30B3\u30FC\u30D7\u5185\u306B\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.misc.cant.apply.diamond.1",
"{0}\u306E\u578B\u5F15\u6570\u3092\u63A8\u8AD6\u3067\u304D\u307E\u305B\u3093\n\u7406\u7531: {1}" },
{ "compiler.misc.cant.apply.symbol", "{4} {5}\u306E{0}
{1}\u306F\u6307\u5B9A\u3055\u308C\u305F\u578B\u306B\u9069\u7528\u3067\u304D\u307E\u305B\u3093\n\u6

71F\u5F85\u5024: {2}\n\u691C\u51FA\u5024: {3}\n\u7406\u7531: {6}" },
{ "compiler.misc.cant.apply.symbols",
"{1}\u306B\u9069\u5207\u306A{0}\u304C\u898B\u3064\u304B\u308A\u307E\u305B\u3093({2})" },
{ "compiler.misc.cant.implement",
"{1}\u306E{0}\u306F{3}\u306E{2}\u3092\u5B9F\u88C5\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.misc.cant.override",
"{1}\u306E{0}\u306F{3}\u306E{2}\u3092\u30AA\u30FC\u30D0\u30FC\u30E9\u30A4\u30C9\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.misc.cant.resolve.location.args",
"\u30B7\u30F3\u30DC\u30EB\u3092\u898B\u3064\u3051\u3089\u308C\u307E\u305B\u3093\n\u30B7\u30F3\u30DC\u30EB: {0} {1}({3})\n\u5834\u6240: {4}" },
{ "compiler.misc.cant.resolve.location.args.params",
"\u30B7\u30F3\u30DC\u30EB\u3092\u898B\u3064\u3051\u3089\u308C\u307E\u305B\u3093\n\u30B7\u30F3\u30DC\u30EB:
{0} <{2}>{1}({3})\n\u5834\u6240: {4}" },
{ "compiler.misc.captured.type", "CAP#{0}" },
{ "compiler.misc.ccf.found.later.version",
"\u30AF\u30E9\u30B9\u30FB\u30D5\u30A1\u30A4\u30EB{0}\u306B\u4E88\u60F3\u5916\u306E\u65B0\u30D0\u30FC\u30B8\u30E7\u30F3\u304C\u3042\u308A\u307E\u3059" },
{ "compiler.misc.ccf.unrecognized.attribute",
"{0}\u306F\u8A8D\u8B58\u3055\u308C\u306A\u3044\u5C5E\u6027\u3067\u3059" },
{ "compiler.misc.clashes.with",
"{1}\u306E{0}\u306F{3}\u306E{2}\u3068\u7AF6\u5408\u3057\u307E\u3059" },
{ "compiler.misc.class.file.not.found",
"{0}\u306E\u30AF\u30E9\u30B9\u30FB\u30D5\u30A1\u30A4\u30EB\u304C\u898B\u3064\u304B\u308A\u307E\u305B\u3093" },
{ "compiler.misc.class.file.wrong.class",
"\u30AF\u30E9\u30B9\u30FB\u30D5\u30A1\u30A4\u30EB{0}\u306B\u4E0D\u6B63\u306A\u30AF\u30E9\u30B9\u304C\u3042\u308A\u307E\u3059" },
{ "compiler.misc.conditional.target.cant.be.void",
"\u6761\u4EF6\u5F0F\u306E\u30BF\u30FC\u30B2\u30C3\u30C8\u578B\u306Fvoid\u306B\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.misc.count.error", "\u30A8\u30E9\u30FC{0}\u500B" },
{ "compiler.misc.count.error.plural", "\u30A8\u30E9\u30FC{0}\u500B" },
{ "compiler.misc.count.warn", "\u8B66\u544A{0}\u500B" },
{ "compiler.misc.count.warn.plural", "\u8B66\u544A{0}\u500B" },
{ "compiler.misc.descriptor", "\u30C7\u30A3\u30B9\u30AF\u30EA\u30D7\u30BF: {2} {0}({1})" },
{ "compiler.misc.descriptor.throws", "\u30C7\u30A3\u30B9\u30AF\u30EA\u30D7\u30BF: {2}
{0}({1})\u3067{3}\u304C\u30B9\u30ED\u30FC\u3055\u308C\u307E\u3059" },
{ "compiler.misc.diamond", "{0}<>" },
{ "compiler.misc.diamond.and.anon.class",
"\u533F\u540D\u5185\u90E8\u30AF\u30E9\u30B9\u3067\u306F"<>"\u3092\u4F7F\u7528\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.misc.diamond.and.explicit.params",
"\u30B3\u30F3\u30B9\u30C8\u30E9\u30AF\u30BF\u306E\u660E\u793A\u7684\u306A\u578B\u30D1\u30E9\u30E1\u30FC\u30BF\u3067\u306F"<>"\u3092\u4F7F\u7528\u3067\u304D\u307E\u305B\u3093"
},
{ "compiler.misc.diamond.non.generic",

"\u975E\u6C4E\u7528\u30AF\u30E9\u30B9{0}\u3067"<>"\u3092\u4F7F\u7528\u3059\u308B\u3053\u3068\u306F\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.misc.explicit.param.do.not.conform.to.bounds", "\u660E\u793A\u7684\u306A\u578B\u5F15\u6570{0}\u306F\u3001\u5BA3\u8A00\u3055\u308C\u305F\u5883\u754C{1}\u306B\u9069\u5408\u3057\u307E\u305B\u3093" },
{ "compiler.misc.fatal.err.cant.close", "\u81F4\u547D\u7684\u30A8\u30E9\u30FC:\u30B3\u30F3\u30D1\u30A4\u30E9\u30FB\u30EA\u30BD\u30FC\u30B9\u3092\u9589\u3058\u308B\u3053\u3068\u304C\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.misc.fatal.err.cant.locate.ctor", "\u81F4\u547D\u7684\u30A8\u30E9\u30FC:{0}\u306E\u30B3\u30F3\u30B9\u30C8\u30E9\u30AF\u30BF\u3092\u691C\u51FA\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.misc.fatal.err.cant.locate.field", "\u81F4\u547D\u7684\u30A8\u30E9\u30FC:\u30D5\u30A3\u30FC\u30EB\u30C9{0}\u3092\u691C\u51FA\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.misc.fatal.err.cant.locate.meth", "\u81F4\u547D\u7684\u30A8\u30E9\u30FC:\u30E1\u30BD\u30C3\u30C9{0}\u3092\u691C\u51FA\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.misc.fatal.err.no.java.lang", "\u81F4\u547D\u7684\u30A8\u30E9\u30FC:\u30AF\u30E9\u30B9\u30D1\u30B9\u307E\u305F\u306F\u30D6\u30FC\u30C8\u30FB\u30AF\u30E9\u30B9\u30D1\u30B9\u3067\u30D1\u30C3\u30B1\u30FC\u30B8java.lang\u3092\u691C\u51FA\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.misc.file.does.not.contain.package", "\u30D5\u30A1\u30A4\u30EB\u306B\u30D1\u30C3\u30B1\u30FC\u30B8{0}\u304C\u542B\u307E\u308C\u3066\u3044\u307E\u305B\u3093" },
{ "compiler.misc.file.doesnt.contain.class", "\u30D5\u30A1\u30A4\u30EB\u306B\u30AF\u30E9\u30B9{0}\u304C\u542B\u307E\u308C\u3066\u3044\u307E\u305B\u3093" },

{ "compiler.misc.illegal.start.of.class.file", "\u30AF\u30E9\u30B9\u30FB\u30D5\u30A1\u30A4\u30EB\u306E\u958B\u59CB\u304C\u4E0D\u6B63\u3067\u3059" },
{ "compiler.misc.inaccessible.varargs.type", "\u4EEE\u53EF\u5909\u5F15\u6570\u8981\u7D20\u578B{0}\u306F{1}{2}\u304B\u3089\u30A2\u30AF\u30BB\u30B9\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.misc.inapplicable.method", "{0}{1}.{2}\u306F\u4F7F\u7528\u3067\u304D\u307E\u305B\u3093\n({3})" },
{ "compiler.misc.incompatible.abstracts", "{0}{1}\u3067\u8907\u6570\u306E\u30AA\u30FC\u30D0\u30FC\u30E9\u30A4\u30C9\u3057\u306A\u3044\u62BD\u8C61\u30E1\u30BD\u30C3\u30C9\u304C\u898B\u3064\u304B\u308A\u307E\u3057\u305F" },
{ "compiler.misc.incompatible.arg.types.in.lambda", "\u30E9\u30E0\u30C0\u5F0F\u306E\u30D1\u30E9\u30E1\u30FC\u30BF\u578B\u306F\u4E0D\u9069\u5408\u3067\u3059" },
{ "compiler.misc.incompatible.arg.types.in.mref", "\u30E1\u30BD\u30C3\u30C9\u53C2\u7167\u306E\u30D1\u30E9\u30E1\u30FC\u30BF\u578B\u306F\u4E0D\u9069\u5408\u3067\u3059"
},
{ "compiler.misc.incompatible.descs.in.functional.intf", "{0}{1}\u3067\u4E0D\u9069\u5408\u306A\u6A5F\u80FD\u30C7\u30A3\u30B9\u30AF\u30EA\u30D7\u30BF\u304C\u898B\u3064\u304B\u308A\u307E\u3057\u305F" },

{ "compiler.misc.incompatible.eq.lower.bounds",
"\u63A8\u8AD6\u5909\u6570{0}\u306B\u306F\u3001\u4E0D\u9069\u5408\u306A\u5883\u754C\u304C\u3042\u308A\u307E\u3059\n\u7B49\u4FA1\u5236\u7D04: {1}\n\u4E0B\u9650: {2}" },
{ "compiler.misc.incompatible.eq.upper.bounds",
"\u63A8\u8AD6\u5909\u6570{0}\u306B\u306F\u3001\u4E0D\u9069\u5408\u306A\u5883\u754C\u304C\u3042\u308A\u307E\u3059\n\u7B49\u4FA1\u5236\u7D04: {1}\n\u4E0A\u9650: {2}" },
{ "compiler.misc.incompatible.ret.type.in.lambda",
"\u30E9\u30E0\u30C0\u5F0F\u306E\u623B\u308A\u578B\u304C\u4E0D\u6B63\u3067\u3059\n{0}" },
{ "compiler.misc.incompatible.ret.type.in.mref",
"\u30E1\u30BD\u30C3\u30C9\u53C2\u7167\u306E\u623B\u308A\u578B\u304C\u4E0D\u6B63\u3067\u3059\n{0}
"
},
{ "compiler.misc.incompatible.type.in.conditional",
"\u6761\u4EF6\u5F0F\u306E\u578B\u304C\u4E0D\u6B63\u3067\u3059\n{0}" },
{ "compiler.misc.incompatible.upper.bounds",
"\u63A8\u8AD6\u5909\u6570{0}\u306B\u306F\u3001\u4E0D\u9069\u5408\u306A\u4E0A\u9650{1}\u304C\u3042\u308A\u307E\u3059" },
{ "compiler.misc.inconvertible.types",
"{0}\u3092{1}\u306B\u5909\u63DB\u3067\u304D\u307E\u305B\u3093:" },
{ "compiler.misc.infer.arg.length.mismatch",
"\u578B\u5909\u6570{0}\u3092\u63A8\u8AD6\u3067\u304D\u307E\u305B\u3093\n(\u5B9F\u5F15\u6570\u30EA\u30B9\u30C8\u3068\u4EEE\u5F15\u6570\u30EA\u30B9\u30C8\u306E\u9577\u3055\u304C\u7570\u306A\u308A\u307E\u3059)" },
{ "compiler.misc.infer.no.conforming.assignment.exists",
"\u578B\u5909\u6570{0}\u3092\u63A8\u8AD6\u3067\u304D\u307E\u305B\u3093\n(\u5F15\u6570\u306E\u4E0D\u4E00\u81F4: {1})" },
{ "compiler.misc.infer.no.conforming.instance.exists",
"\u578B\u5909\u6570{0}\u306E\u30A4\u30F3\u30B9\u30BF\u30F3\u30B9\u304C\u5B58\u5728\u3057\u306A\u3044\u306E\u3067\u3001{1}\u306F{2}\u306B\u9069\u5408\u3057\u307E\u305B\u3093"
},
{ "compiler.misc.infer.varargs.argument.mismatch",
"\u578B\u5909\u6570{0}\u3092\u63A8\u8AD6\u3067\u304D\u307E\u305B\u3093\n(\u53EF\u5909\u5F15\u6570\u306E\u4E0D\u4E00\u81F4: {1})" },
{ "compiler.misc.inferred.do.not.conform.to.eq.bounds",
"\u63A8\u8AD6\u578B\u304C\u7B49\u4FA1\u5236\u7D04\u306B\u9069\u5408\u3057\u307E\u305B\u3093\n\u63A8\u8AD6: {0}\n\u7B49\u4FA1\u5236\u7D04: {1}" },
{ "compiler.misc.inferred.do.not.conform.to.lower.bounds",
"\u63A8\u8AD6\u578B\u304C\u4E0B\u9650\u306B\u9069\u5408\u3057\u307E\u305B\u3093\n\u63A8\u8AD6: {0}\n\u4E0B\u9650: {1}" },
{ "compiler.misc.inferred.do.not.conform.to.upper.bounds",
"\u63A8\u8AD6\u578B\u304C\u4E0A\u9650\u306B\u9069\u5408\u3057\u307E\u305B\u3093\n\u63A8\u8AD6: {0}\n\u4E0A\u9650: {1}" },
{ "compiler.misc.inner.cls",
"\u5185\u90E8\u30AF\u30E9\u30B9" },
{ "compiler.misc.intersection.type", "INT#{0}" },
{ "compiler.misc.invalid.default.interface",
"\u30D0\u30FC\u30B8\u30E7\u30F3{0}.{1}\u306E\u30AF\u30E9\u30B9\u30FB\u30D5\u30A1\u30A4\u30EB\u306B\u30C7\u30D5\u30A9\u30EB\u30C8\u30FB\u30E1\u30BD\u30C3\u30C9\u304C\u898B\u3064\u304B\u308A\

u307E\u3057\u305F" },
{ "compiler.misc.invalid.generic.lambda.target",
"\u30E9\u30E0\u30C0\u5F0F\u306E\u6A5F\u80FD\u30C7\u30A3\u30B9\u30AF\u30EA\u30D7\u30BF\u304C\u7121\u52B9\u3067\u3059\n{1} {2}\u306E\u30E1\u30BD\u30C3\u30C9{0}\u306F\u6C4E\u7528\u3067\u3059" },
{ "compiler.misc.invalid.mref", "{0}\u53C2\u7167\u304C\u7121\u52B9\u3067\u3059\n{1}" },
{ "compiler.misc.invalid.static.interface",
"\u30D0\u30FC\u30B8\u30E7\u30F3{0}.{1}\u306E\u30AF\u30E9\u30B9\u30FB\u30D5\u30A1\u30A4\u30EB\u306Bstatic\u30E1\u30BD\u30C3\u30C9\u304C\u898B\u3064\u304B\u308A\u307E\u3057\u305F" },
{ "compiler.misc.kindname.annotation",
"@interface" },
{ "compiler.misc.kindname.class", "\u30AF\u30E9\u30B9" },
{ "compiler.misc.kindname.constructor", "\u30B3\u30F3\u30B9\u30C8\u30E9\u30AF\u30BF" },
{ "compiler.misc.kindname.enum", "\u5217\u6319" },
{ "compiler.misc.kindname.instance.init",
"\u30A4\u30F3\u30B9\u30BF\u30F3\u30B9\u521D\u671F\u5316\u5B50" },
{ "compiler.misc.kindname.interface", "\u30A4\u30F3\u30BF\u30D5\u30A7\u30FC\u30B9" },
{ "compiler.misc.kindname.method", "\u30E1\u30BD\u30C3\u30C9" },
{ "compiler.misc.kindname.package", "\u30D1\u30C3\u30B1\u30FC\u30B8" },
{ "compiler.misc.kindname.static", "static" },
{ "compiler.misc.kindname.static.init", "static\u521D\u671F\u5316\u5B50" },
{ "compiler.misc.kindname.type.variable", "\u578B\u5909\u6570" },
{ "compiler.misc.kindname.type.variable.bound", "\u578B\u5909\u6570\u306E\u5883\u754C" },
{ "compiler.misc.kindname.value",
"\u5024" },
{ "compiler.misc.kindname.variable", "\u5909\u6570" },
{ "compiler.misc.lambda", "\u30E9\u30E0\u30C0\u5F0F" },
{ "compiler.misc.location", "{0} {1}" },
{ "compiler.misc.location.1", "\u30BF\u30A4\u30D7{2}\u306E{0} {1}" },
{ "compiler.misc.missing.ret.val", "\u623B\u308A\u5024\u304C\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.misc.mref.infer.and.explicit.params",
"\u30B3\u30F3\u30B9\u30C8\u30E9\u30AF\u30BF\u306E\u660E\u793A\u7684\u306A\u578B\u30D1\u30E9\u30E1\u30FC\u30BF\u3067\u306Fraw\u30B3\u30F3\u30B9\u30C8\u30E9\u30AF\u30BF\u53C2\u7167\u3092\u4F7F\u7528\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.misc.no.abstracts", "{0}
{1}\u3067\u62BD\u8C61\u30E1\u30BD\u30C3\u30C9\u304C\u898B\u3064\u304B\u308A\u307E\u305B\u3093"
},
{ "compiler.misc.no.args", "\u5F15\u6570\u304C\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.misc.no.conforming.assignment.exists",
"\u5F15\u6570\u306E\u4E0D\u4E00\u81F4: {0}" },
{ "compiler.misc.no.suitable.functional.intf.inst",
"{0}\u306E\u6A5F\u80FD\u30A4\u30F3\u30BF\u30D5\u30A7\u30FC\u30B9\u30FB\u30C7\u30A3\u30B9\u30AF\u30EA\u30D7\u30BF\u3092\u63A8\u8AD6\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.misc.no.unique.maximal.instance.exists",
"\u578B\u5909\u6570{0}(\u4E0A\u9650{1})\u306E\u56FA\u6709\u306E\u6700\u5927\u30A4\u30F3\u30B9\u30BF\u30F3\u30B9\u304C\u5B58\u5728\u3057\u307E\u305B\u3093" },
{ "compiler.misc.no.unique.minimal.instance.exists",
"\u578B\u5909\u6570{0}(\u4E0B\u9650{1})\u306E\u56FA\u6709\u306E\u6700\u5C0F\u30A4\u30F3\u30B9\u30BF\u30F3\u30B9\u304C\u5B58\u5728\u3057\u307E\u305B\u3093" },

{ "compiler.misc.non-static.cant.be.ref", "static\u3067\u306A\u3044{0}
{1}\u3092static\u30B3\u30F3\u30C6\u30AD\u30B9\u30C8\u304B\u3089\u53C2\u7167\u3059\u308B\u3053\u3068\u306F\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.misc.not.a.functional.intf",
"{0}\u306F\u6A5F\u80FD\u30A4\u30F3\u30BF\u30D5\u30A7\u30FC\u30B9\u3067\u306F\u3042\u308A\u307E\u305B\u3093"
},
{ "compiler.misc.not.a.functional.intf.1",
"{0}\u306F\u6A5F\u80FD\u30A4\u30F3\u30BF\u30D5\u30A7\u30FC\u30B9\u3067\u306F\u3042\u308A\u307E\u305B\u3093\n{1}" },
{ "compiler.misc.not.an.intf.component",
"\u30B3\u30F3\u30DD\u30FC\u30CD\u30F3\u30C8\u30FB\u30BF\u30A4\u30D7{0}\u306F\u30A4\u30F3\u30BF\u30D5\u30A7\u30FC\u30B9\u3067\u306F\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.misc.not.applicable.method.found",
"#{0}\u500B\u306E\u4F7F\u7528\u3067\u304D\u306A\u3044\u30E1\u30BD\u30C3\u30C9\u304C\u898B\u3064\u304B\u308A\u307E\u3057\u305F: {1}\n({2})" },
{ "compiler.misc.not.def.access.class.intf.cant.access",
"{1}\u306E{0}\u304C\u30A2\u30AF\u30BB\u30B9\u3067\u304D\u306A\u3044\u30AF\u30E9\u30B9\u307E\u305F\u306F\u30A4\u30F3\u30BF\u30D5\u30A7\u30FC\u30B9\u306B\u5B9A\u7FA9\u3055\u308C\u3066\u3044\u307E\u3059" },
{ "compiler.misc.not.def.public.cant.access",
"{1}\u306E{0}\u306Fpublic\u3067\u306F\u3042\u308A\u307E\u305B\u3093\u3002\u30D1\u30C3\u30B1\u30FC\u30B8\u5916\u304B\u3089\u306F\u30A2\u30AF\u30BB\u30B9\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.misc.overridden.default",
"{1}\u306E\u30E1\u30BD\u30C3\u30C9{0}\u306F\u30AA\u30FC\u30D0\u30FC\u30E9\u30A4\u30C9\u3055\u308C\u307E\u3059" },
{ "compiler.misc.partial.inst.sig",
"\u90E8\u5206\u7684\u306B\u30A4\u30F3\u30B9\u30BF\u30F3\u30B9\u5316\u3055\u308C\u307E\u3057\u305F: {0}" },
{ "compiler.misc.possible.loss.of.precision",
"\u7CBE\u5EA6\u304C\u5931\u308F\u308C\u308B\u53EF\u80FD\u6027\u304C\u3042\u308B{0}\u304B\u3089{1}\u3078\u306E\u5909\u63DB" },
{ "compiler.misc.prob.found.req", "\u4E0D\u9069\u5408\u306A\u578B: {0}" },
{ "compiler.misc.redundant.supertype",
"\u5197\u9577\u306A\u30A4\u30F3\u30BF\u30D5\u30A7\u30FC\u30B9{0}\u306F{1}\u306B\u3088\u3063\u3066\u62E1\u5F35\u3055\u308C\u307E\u3057\u305F" },
{ "compiler.misc.ref.ambiguous",
"{0}\u306E\u53C2\u7167\u306F\u3042\u3044\u307E\u3044\u3067\u3059\n{3}\u306E{1}
{2}\u3068{6}\u306E{4} {5}\u306E\u4E21\u65B9\u304C\u4E00\u81F4\u3057\u307E\u3059" },
{ "compiler.misc.report.access",
"{0}\u306F{2}\u3067{1}\u30A2\u30AF\u30BB\u30B9\u3055\u308C\u307E\u3059" },
{ "compiler.misc.resume.abort", "R)\u518D\u958B,A)\u4E2D\u6B62>" },
{ "compiler.misc.source.unavailable", "(\u30BD\u30FC\u30B9\u304C\u5229\u7528\u4E0D\u53EF)" },
{ "compiler.misc.static.bound.mref",
"static\u306E\u30D0\u30A4\u30F3\u30C7\u30A3\u30F3\u30B0\u3055\u308C\u305F\u30E1\u30BD\u30C3\u30C9\u53C2\u7167" },
{ "compiler.misc.static.method.in.unbound.lookup",
"\u975E\u30D0\u30A4\u30F3\u30C9\u691C\u7D22\u3067\u9759\u7684\u306A{0}

{1}\u304C\u898B\u3064\u304B\u308A\u307E\u3057\u305F" },
{ "compiler.misc.static.mref.with.targs",
"static\u30E1\u30BD\u30C3\u30C9\u53C2\u7167\u306E\u30D1\u30E9\u30E1\u30FC\u30BF\u5316\u3055\u308C\u305F\u4FEE\u98FE\u5B50"
},
{ "compiler.misc.token.bad-symbol", "<bad symbol>" },
{ "compiler.misc.token.character", "<character>" },
{ "compiler.misc.token.double", "<double>" },
{ "compiler.misc.token.end-of-input", "<end of input>" },
{ "compiler.misc.token.float", "<float>" },
{ "compiler.misc.token.identifier", "<identifier>" },
{ "compiler.misc.token.integer", "<integer>" },
{ "compiler.misc.token.long-integer", "<long integer>" },
{ "compiler.misc.token.string", "<string>" },
{ "compiler.misc.try.not.applicable.to.type", "try-with-resource\u306F\u5909\u6570\u578B\u306B\u4F7F\u7528\u3067\u304D\u307E\u305B\u3093\n({0})" },
{ "compiler.misc.type.captureof", "{1}\u306E\u30AD\u30E3\u30D7\u30C1\u30E3#{0}" },
{ "compiler.misc.type.captureof.1", "\u30AD\u30E3\u30D7\u30C1\u30E3#{0}" },
{ "compiler.misc.type.none",
"<none>" },
{ "compiler.misc.type.null", "<null>" },
{ "compiler.misc.type.parameter", "\u578B\u30D1\u30E9\u30E1\u30FC\u30BF{0}" },
{ "compiler.misc.type.req.array.or.iterable", "\u914D\u5217\u307E\u305F\u306Fjava.lang.Iterable" },
{ "compiler.misc.type.req.class", "\u30AF\u30E9\u30B9" },
{ "compiler.misc.type.req.class.array", "\u30AF\u30E9\u30B9\u307E\u305F\u306F\u914D\u5217" },
{ "compiler.misc.type.req.exact",
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{ "compiler.misc.type.req.ref", "\u53C2\u7167" },
{ "compiler.misc.type.var", "{0}#{1}" },
{ "compiler.misc.unable.to.access.file",
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{ "compiler.misc.unchecked.assign", "\u7121\u691C\u67FB\u5909\u63DB" },
{ "compiler.misc.unchecked.cast.to.type",
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{ "compiler.misc.unchecked.clash.with",
"{1}\u306E{0}\u306F{3}\u306E{2}\u3092\u30AA\u30FC\u30D0\u30FC\u30E9\u30A4\u30C9\u3057\u307E\u3059" },
{ "compiler.misc.unchecked.implement",
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{ "compiler.misc.unchecked.override",
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{ "compiler.misc.undecl.type.var",
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{ "compiler.misc.unexpected.ret.val", "\u4E88\u671F\u3057\u306A\u3044\u623B\u308A\u5024" },
{ "compiler.misc.unicode.str.not.supported",
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B5\u30DD\u30FC\u30C8\u3055\u308C\u3066\u3044\u307E\u305B\u3093" },
{ "compiler.misc.unnamed.package",
"\u540D\u524D\u306E\u306A\u3044\u30D1\u30C3\u30B1\u30FC\u30B8"
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{ "compiler.misc.varargs.argument.mismatch", "\u53EF\u5909\u5F15\u6570\u306E\u4E0D\u4E00\u81F4: {0}" },
{ "compiler.misc.varargs.clash.with",
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{ "compiler.misc.varargs.implement",
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{ "compiler.misc.varargs.override",
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{ "compiler.misc.varargs.trustme.on.non.varargs.meth",
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{ "compiler.misc.varargs.trustme.on.reifiable.varargs",
"\u53EF\u5909\u5F15\u6570\u8981\u7D20\u578B{0}\u306Freifiable\u578B\u3067\u3059\u3002" },
{ "compiler.misc.varargs.trustme.on.virtual.varargs",
"\u30A4\u30F3\u30B9\u30BF\u30F3\u30B9\u30FB\u30E1\u30BD\u30C3\u30C9{0}\u306Ffinal\u3067\u306F\u3042\u308A\u307E\u305B\u3093\u3002" },
{ "compiler.misc.verbose.checking.attribution", "[{0}\u3092\u78BA\u8A8D\u4E2D]" },
{ "compiler.misc.verbose.classpath",
"[\u30AF\u30E9\u30B9\u30FB\u30D5\u30A1\u30A4\u30EB\u306E\u691C\u7D22\u30D1\u30B9: {0}]" },
{ "compiler.misc.verbose.loading", "[{0}\u3092\u8AAD\u8FBC\u307F\u4E2D]" },
{ "compiler.misc.verbose.parsing.done",
"[{0}\u30DF\u30EA\u79D2\u3067\u69CB\u6587\u89E3\u6790\u5B8C\u4E86]" },
{ "compiler.misc.verbose.parsing.started", "[{0}\u3092\u69CB\u6587\u89E3\u6790\u958B\u59CB]" },
{ "compiler.misc.verbose.retro", "[{0}\u3092\u7D44\u66FF\u3048\u4E2D]" },
{ "compiler.misc.verbose.retro.with", "\t{0}\u3092{1}\u3067\u7D44\u66FF\u3048\u4E2D\u3067\u3059" },
{ "compiler.misc.verbose.retro.with.list",
"\t{0}\u3092\u578B\u30D1\u30E9\u30E1\u30FC\u30BF{1}\u3001\u30B9\u30FC\u30D1\u30FC\u30BF\u30A4\u30D7{2}\u3001\u30A4\u30F3\u30BF\u30D5\u30A7\u30FC\u30B9{3}\u3067\u7D44\u66FF\u3048\u4E2D\u3067\u3059"
},
{ "compiler.misc.verbose.sourcepath",
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{ "compiler.misc.verbose.total", "[\u5408\u8A08{0}\u30DF\u30EA\u79D2]" },
{ "compiler.misc.verbose.wrote.file", "[{0}\u3092\u66F8\u8FBC\u307F\u5B8C\u4E86]" },
{ "compiler.misc.version.not.available",
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{ "compiler.misc.where.captured",
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{ "compiler.misc.where.captured.1",
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{ "compiler.misc.where.description.captured",
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{ "compiler.misc.where.description.captured.1",
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{ "compiler.misc.where.description.intersection", "{0}\u304Cintersection\u578B\u306E\u5834\u5408:" },
{ "compiler.misc.where.description.intersection.1", "{0}\u304Cintersection\u578B\u306E\u5834\u5408:" },
{ "compiler.misc.where.description.typevar", "{0}\u304C\u578B\u5909\u6570\u306E\u5834\u5408:" },
{ "compiler.misc.where.description.typevar.1", "{0}\u304C\u578B\u5909\u6570\u306E\u5834\u5408:" },
{ "compiler.misc.where.fresh.typevar", "{0}\u306F{1}\u3092\u62E1\u5F35\u3057\u307E\u3059" },
{ "compiler.misc.where.intersection", "{0}\u306F{1}\u3092\u62E1\u5F35\u3057\u307E\u3059" },
{ "compiler.misc.where.typevar", "{2}
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},
{ "compiler.misc.where.typevar.1", "{2} {3}\u3067\u5BA3\u8A00\u3055\u308C\u305F{0}" },
{ "compiler.misc.wrong.version",
"\u30AF\u30E9\u30B9\u30FB\u30D5\u30A1\u30A4\u30EB\u306E\u30D0\u30FC\u30B8\u30E7\u30F3{0}.{1}\u306F\u4E0D\u6B63\u3067\u3059\u3002{2}.{3}\u3067\u3042\u308B\u5FC5\u8981\u304C\u3042\u308A\u307E\u3059" },
{ "compiler.misc.x.print.processor.info",
"\u30D7\u30ED\u30BB\u30C3\u30B5{0}\u306F{1}\u306B\u4E00\u81F4\u3057\u3001{2}\u3092\u8FD4\u3057\u307E\u3059\u3002" },
{ "compiler.misc.x.print.rounds", "\u5F80\u5FA9{0}:\n\t\u5165\u529B\u30D5\u30A1\u30A4\u30EB: {1}\n\t\u6CE8\u91C8: {2}\n\t\u6700\u5F8C\u306E\u5F80\u5FA9: {3}" },
{ "compiler.note.compressed.diags",
"\u4E00\u90E8\u306E\u30E1\u30C3\u30BB\u30FC\u30B8\u306F\u7C21\u7565\u5316\u3055\u308C\u3066\u3044\u307E\u3059\u3002-
Xdiags:verbose\u3067\u518D\u30B3\u30F3\u30D1\u30A4\u30EB\u3057\u3066\u5B8C\u5168\u306A\u51FA\u529B\u3092\u53D6\u5F97\u3057\u3066\u304F\u3060\u3055\u3044"
},
{ "compiler.note.deferred.method.inst",
"\u30E1\u30BD\u30C3\u30C9{0}\u306E\u9045\u5EF6\u30A4\u30F3\u30B9\u30BF\u30F3\u30B9\u5316\n\u30A4\u30F3\u30B9\u30BF\u30F3\u30B9\u5316\u3055\u308C\u305F\u30B7\u30B0\u30CD\u30C1\u30E3: {1}\n\u30BF\u30FC\u30B2\u30C3\u30C8\u578B: {2}" },
{ "compiler.note.deprecated.filename",
"{0}\u306F\u975E\u63A8\u5968\u306EAPI\u3092\u4F7F\u7528\u307E\u305F\u306F\u30AA\u30FC\u30D0\u30FC\u30E9\u30A4\u30C9\u3057\u3066\u3044\u307E\u3059\u3002" },
{ "compiler.note.deprecated.filename.additional",
"{0}\u306B\u975E\u63A8\u5968\u306EAPI\u306E\u8FFD\u52A0\u4F7F\u7528\u307E\u305F\u306F\u30AA\u30FC\u30D0\u30FC\u30E9\u30A4\u30C9\u304C\u3042\u308A\u307E\u3059\u3002" },
{ "compiler.note.deprecated.plural",
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u3044\u307E\u3059\u3002" },
{ "compiler.note.deprecated.recompile", "\u8A73\u7D30\u306F\u3001-Xlint:deprecation\u30AA\u30D7\u30B7\u30E7\u30F3\u3092\u6307\u5B9A\u3057\u3066\u518D\u30B3\u30F3\u30D1\u30A4\u30EB\u3057\u3066\u304F\u3060\u3055\u3044\u3002" },
{ "compiler.note.lambda.stat", "\u30E9\u30E0\u30C0\u5F0F\u3092\u5909\u63DB\u3057\u3066\u3044\u307E\u3059\n\u4EE3\u66FFmetafactory = {0}\n\u5408\u6210\u30E1\u30BD\u30C3\u30C9 = {1}" },
{ "compiler.note.mref.stat", "\u30E1\u30BD\u30C3\u30C9\u53C2\u7167\u3092\u5909\u63DB\u3057\u3066\u3044\u307E\u3059\n\u4EE3\u66FFmetafactory = {0}\n" },
{ "compiler.note.mref.stat.1", "\u30E1\u30BD\u30C3\u30C9\u53C2\u7167\u3092\u5909\u63DB\u3057\u3066\u3044\u307E\u3059\n\u4EE3\u66FFmetafactory
= {0}\n\u30D6\u30EA\u30C3\u30B8\u30FB\u30E1\u30BD\u30C3\u30C9 = {1}" },
{ "compiler.note.note", "\u6CE8\u610F:" },
{ "compiler.note.potential.lambda.found", "\u3053\u306E\u533F\u540D\u5185\u90E8\u30AF\u30E9\u30B9\u3092\u30E9\u30E0\u30C0\u5F0F\u306B\u5909\u63DB\u3067\u304D\u307E\u3059\u3002" },
{ "compiler.note.proc.messager", "{0}" },
{ "compiler.note.sunapi.filename", "{0}\u306F\u3001\u4ECA\u5F8C\u306E\u30EA\u30EA\u30FC\u30B9\u3067\u524A\u9664\u3055\u308C\u308B\u53EF\u80FD\u6027\u304C\u3042\u308B\u5185\u90E8\u6240\u6709\u306EAPI\u3092\u4F7F\u7528\u3057\u3066\u3044\u307E\u3059\u3002" },
{ "compiler.note.sunapi.filename.additional", "{0}\u306F\u3001\u4ECA\u5F8C\u306E\u30EA\u30EA\u30FC\u30B9\u3067\u524A\u9664\u3055\u308C\u308B\u53EF\u80FD\u6027\u304C\u3042\u308B\u8FFD\u52A0\u306E\u5185\u90E8\u6240\u6709\u306EAPI\u3092\u4F7F\u7528\u3057\u3066\u3044\u307E\u3059\u3002" },

{ "compiler.note.sunapi.plural", "\u4E00\u90E8\u306E\u5165\u529B\u30D5\u30A1\u30A4\u30EB\u306F\u3001\u4ECA\u5F8C\u306E\u30EA\u30EA\u30FC\u30B9\u3067\u524A\u9664\u3055\u308C\u308B\u53EF\u80FD\u6027\u304C\u3042\u308B\u5185\u90E8\u6240\u6709\u306EAPI\u3092\u4F7F\u7528\u3057\u3066\u3044\u307E\u3059\u3002" },
{ "compiler.note.sunapi.plural.additional", "\u4E00\u90E8\u306E\u5165\u529B\u30D5\u30A1\u30A4\u30EB\u306F\u3001\u4ECA\u5F8C\u306E\u30EA\u30EA\u30FC\u30B9\u3067\u524A\u9664\u3055\u308C\u308B\u53EF\u80FD\u6027\u304C\u3042\u308B\u5185\u90E8\u6240\u6709\u306EAPI\u3092\u8FFD\u52A0\u3067\u4F7F\u7528\u3057\u3066\u3044\u307E\u3059\u3002" },
{ "compiler.note.sunapi.recompile", "\u8A73\u7D30\u306F\u3001-Xlint:sunapi\u30AA\u30D7\u30B7\u30E7\u30F3\u3092\u6307\u5B9A\u3057\u3066\u518D\u30B3\u30F3\u30D1\u30A4\u30EB\u3057\u3066\u304F\u3060\u3055\u3044\u3002" },
{ "compiler.note.unchecked.filename", "{0}\u306E\u64CD\u4F5C\u306F\u3001\u672A\u30C1\u30A7\u30C3\u30AF\u307E\u305F\u306F\u5B89\u5168\u3067\u306F\u3042\u308A\u307E\u305B\u3093\u3002"
},
{ "compiler.note.unchecked.filename.additional", "{0}\u306B\u672A\u30C1\u30A7\u30C3\u30AF\u307E\u305F\u306F\u5B89\u5168\u3067\u306F\u306A\u3044\u64CD\u4F5C\u304C\u3055\u3089\u306B\u3042\u308A\u307E\u3059\u3002" },
{ "compiler.note.unchecked.plural", "\u5165\u529B\u30D5\u30A1\u30A4\u30EB\u306E\u64CD\u4F5C\u306E\u3046\u3061\u3001\u672A\u30C1\u30

A7\u30C3\u30AF\u307E\u305F\u306F\u5B89\u5168\u3067\u306F\u306A\u3044\u3082\u306E\u304C\u3042\u308A\u307E\u3059\u3002" },
{ "compiler.note.unchecked.plural.additional", "\u5165\u529B\u30D5\u30A1\u30A4\u30EB\u306E\u64CD\u4F5C\u306E\u3046\u3061\u3001\u672A\u30C1\u30A7\u30C3\u30AF\u307E\u305F\u306F\u5B89\u5168\u3067\u306F\u306A\u3044\u3082\u306E\u304C\u3055\u3089\u306B\u3042\u308A\u307E\u3059\u3002" },
{ "compiler.note.unchecked.recompile", "\u8A73\u7D30\u306F\u3001-Xlint:unchecked\u30AA\u30D7\u30B7\u30E7\u30F3\u3092\u6307\u5B9A\u3057\u3066\u518D\u30B3\u30F3\u30D1\u30A4\u30EB\u3057\u3066\u304F\u3060\u3055\u3044\u3002"
},
{ "compiler.note.verbose.resolve.multi", "\u578B{1}\u306E\u30E1\u30BD\u30C3\u30C9{0}\u3092\u5019\u88DC{2}\u306B\u89E3\u6C7A\u3057\u3066\u3044\u307E\u3059\n\u30D5\u30A7\u30FC\u30BA: {3}\n\u5B9F\u969B\u306E\u578B: {4}\n\u578B\u5F15\u6570: {5}\n\u5019\u88DC:" },
{ "compiler.note.verbose.resolve.multi.1", "\u578B{1}\u306E\u30E1\u30BD\u30C3\u30C9{0}\u306E\u89E3\u6C7A\u306B\u30A8\u30E9\u30FC\u304C\u3042\u308A\u307E\u3059\n\u30D5\u30A7\u30FC\u30BA: {3}\n\u5B9F\u969B\u306E\u578B: {4}\n\u578B\u5F15\u6570: {5}\n\u5019\u88DC:" },
{ "compiler.warn.access.to.sensitive.member.from.serializable.element", "\u76F4\u5217\u5316\u53EF\u80FD\u8981\u7D20\u304B\u3089\u6A5F\u5BC6\u30E1\u30F3\u30D0\u30FC{0}\u3078\u306E\u30A2\u30AF\u30BB\u30B9\u306F\u3001\u4FE1\u983C\u3067\u304D\u306A\u3044\u30B3\u30FC\u30C9\u304B\u3089\u30D1\u30D6\u30EA\u30C3\u30AF\u306B\u30A2\u30AF\u30BB\u30B9\u53EF\u80FD\u3067\u3042\u308B\u53EF\u80FD\u6027\u304C\u3042\u308A\u307E\u3059"
},
{ "compiler.warn.annotation.method.not.found", "\u30BF\u30A4\u30D7"{0}"\u5185\u306B\u6CE8\u91C8\u30E1\u30BD\u30C3\u30C9"{1}()"\u304C\u898B\u3064\u304B\u308A\u307E\u305B\u3093" },
{ "compiler.warn.annotation.method.not.found.reason", "\u30BF\u30A4\u30D7"{0}"\u5185\u306B\u6CE8\u91C8\u30E1\u30BD\u30C3\u30C9"{1}()"\u304C\u898B\u3064\u304B\u308A\u307E\u305B\u3093: {2}" },
{ "compiler.warn.assert.as.identifier", "\u30EA\u30EA\u30FC\u30B91.4\u304B\u3089"assert"\u306F\u30AD\u30FC\u30EF\u30FC\u30C9\u306A\u306E\u3067\u3001\u8B58\u5225\u5B50\u3068\u3057\u3066\u4F7F\u7528\u3059\u308B\u3053\u3068\u306F\u3067\u304D\u307E\u305B\u3093\n("assert"\u3092\u30AD\u30FC\u30EF\u30FC\u30C9\u3068\u3057\u3066\u4F7F\u7528\u3059\u308B\u306B\u306F\u3001-source 1.4\u4EE5\u964D\u3092\u4F7F\u7528\u3057\u3066\u304F\u3060\u3055\u3044)" },
{ "compiler.warn.auxiliary.class.accessed.from.outside.of.its.source.file", "{1}\u306E\u88DC\u52A9\u30AF\u30E9\u30B9{0}\u306B\u30BD\u30FC\u30B9\u30FB\u30D5\u30A1\u30A4\u30EB\u5916\u304B\u3089\u30A2\u30AF\u30BB\u30B9\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.warn.big.major.version", "{0}: \u30E1\u30B8\u30E3\u30FC\u30FB\u30D0\u30FC\u30B8\u30E7\u30F3{1}\u306F\u3001\u3053\u306E\u30B3\u30F3\u30D1\u30A4\u30E9\u3067\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u3066\u3044\u308B\u6700\u65B0\u306E\u30E1\u30B8\u30E3\u30FC\u30FB\u30D0\u30FC\u30B8\u30E7\u30F3{2}\u3088\u308A\u65B0\u3057\u3044\u3067\u3059\u3002\n\u30B3\u30F3\u30D1\u30A4\u30E9\u306E\u30A2\u30C3\u30D7\u30B0\u30EC\u30FC\u30C9\u3092\u304A\u85A6\u3081\u3057\u307E\u3059\u3002" },
{ "compiler.warn.constant.SVUID", "serialVersionUID\u306F\u30AF\u30E9\u30B9{0}\u306E\u5B9A\u6570\u3067\u3042\u308B\u5FC5\u8981\u304C\u3042\u308A\u307E\u3059" },

{ "compiler.warn.diamond.redundant.args",
"\u65B0\u3057\u3044\u5F0F\u306E\u578B\u5F15\u6570\u304C\u91CD\u8907\u3057\u3066\u3044\u307E\u3059(\u304B\u308F\u308A\u306B\u30C0\u30A4\u30E4\u30E2\u30F3\u30C9\u6F14\u7B97\u5B50\u3092\u4F7F\u7528\u3057\u307E\u3059)\u3002"
},
{ "compiler.warn.diamond.redundant.args.1",
"\u65B0\u3057\u3044\u5F0F\u306E\u578B\u5F15\u6570\u304C\u91CD\u8907\u3057\u3066\u3044\u307E\u3059(\u304B\u308F\u308A\u306B\u30C0\u30A4\u30E4\u30E2\u30F3\u30C9\u6F14\u7B97\u5B50\u3092\u4F7F\u7528\u3057\u307E\u3059)\u3002\n\u660E\u793A\u7684: {0}\n\u63A8\u8AD6: {1}" },
{ "compiler.warn.dir.path.element.not.found", "\u4E0D\u6B63\u306A\u30D1\u30B9\u8981\u7D20\"{0}\":\u305D\u306E\u30C7\u30A3\u30EC\u30AF\u30C8\u30EA\u306F\u5B58\u5728\u3057\u307E\u305B\u3093" },
{ "compiler.warn.div.zero", "\u30BC\u30ED\u3067\u9664\u7B97" },
{ "compiler.warn.empty.if", "if\u4EE5\u964D\u304C\u7A7A\u306E\u6587\u3067\u3059" },
{ "compiler.warn.enum.as.identifier",
"\u30EA\u30EA\u30FC\u30B95\u304B\u3089"enum"\u306F\u30AD\u30FC\u30EF\u30FC\u30C9\u306A\u306E\u3067\u8B58\u5225\u5B50\u3068\u3057\u3066\u4F7F\u7528\u3059\u308B\u3053\u3068\u306F\u3067\u304D\u307E\u305B\u3093\n("enum"\u3092\u30AD\u30FC\u30EF\u30FC\u30C9\u3068\u3057\u3066\u4F7F\u7528\u3059\u308B\u306B\u306F-source
5\u4EE5\u964D\u3092\u4F7F\u7528\u3057\u3066\u304F\u3060\u3055\u3044)" },
{ "compiler.warn.finally.cannot.complete",
"finally\u7BC0\u304C\u6B63\u5E38\u306B\u5B8C\u4E86\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.warn.forward.ref",
"\u521D\u671F\u5316\u3055\u308C\u308B\u524D\u306E\u5909\u6570"{0}"\u3092\u53C2\u7167\u3057\u3088\u3046\u3068\u3057\u307E\u3057\u305F" },
{ "compiler.warn.future.attr",
"\u30D0\u30FC\u30B8\u30E7\u30F3{1}.{2}\u306E\u30AF\u30E9\u30B9\u30FB\u30D5\u30A1\u30A4\u30EB\u3067\u5C0E\u5165\u3055\u308C\u305F{0}\u5C5E\u6027\u306F\u3001\u30D0\u30FC\u30B8\u30E7\u30F3{3}.{4}\u306E\u30AF\u30E9\u30B9\u30FB\u30D5\u30A1\u30A4\u30EB\u3067\u306F\u7121\u8996\u3055\u308C\u307E\u3059" },
{ "compiler.warn.has.been.deprecated",
"{1}\u306E{0}\u306F\u975E\u63A8\u5968\u306B\u306A\u308A\u307E\u3057\u305F" },
{ "compiler.warn.illegal.char.for.encoding",
"\u3053\u306E\u6587\u5B57\u306F\u3001\u30A8\u30F3\u30B3\u30FC\u30C7\u30A3\u30F3\u30B0{0}\u306B\u30DE\u30C3\u30D7\u3067\u304D\u307E\u305B\u3093" },
{ "compiler.warn.improper.SVUID", "serialVersionUID\u306F\u3001\u30AF\u30E9\u30B9{0}\u306Bstatic final\u3092\u5BA3\u8A00\u3059\u308B\u5FC5\u8981\u304C\u3042\u308A\u307E\u3059" },
{ "compiler.warn.inexact.non-varargs.call",
"\u6700\u7D42\u30D1\u30E9\u30E1\u30FC\u30BF\u306E\u4E0D\u6B63\u78BA\u306A\u5F15\u6570\u578B\u3092\u6301\u3063\u305F\u53EF\u5909\u5F15\u6570\u30E1\u30BD\u30C3\u30C9\u306E\u975E\u53EF\u5909\u5F15\u6570\u547C\u51FA\u3057\u3002\n\u53EF\u5909\u5F15\u6570\u547C\u51FA\u3057\u306B\u95A2\u3057\u3066\u306F{0}\u306B\u30AD\u30E3\u30B9\u30C8\u3057\u307E\u3059\u3002\n\u975E\u53EF\u5909\u5F15\u6570\u547C\u51FA\u3057\u306B\u95A2\u3057\u3066\u306F{1}\u306B\u30AD\u30E3\u30B9\u30C8\u3057\u3066\u3053\u306E\u8B66\u544A\u3092\u51FA\u3055\u306A\u3044\u3088\u3046\u306B\u3057\u307E\u3059"
},
{ "compiler.warn.invalid.archive.file",
"\u30D1\u30B9\u4E0A\u306E\u4E88\u671F\u3057\u306A\u3044\u30D5\u30A1\u30A4\u30EB: {0}" },
{ "compiler.warn.lintOption", "[{0}] " },
{ "compiler.warn.long.SVUID",

"serialVersionUID\u306F\u3001\u30AF\u30E9\u30B9{0}\u306Elong\u578B\u3067\u3042\u308B\u5FC5\u8981\u304C\u3042\u308A\u307E\u3059" },
{ "compiler.warn.missing.SVUID", "\u76F4\u5217\u5316\u53EF\u80FD\u306A\u30AF\u30E9\u30B9{0}\u306B\u306F\u3001serialVersionUID\u304C\u5B9A\u7FA9\u3055\u308C\u3066\u3044\u307E\u305B\u3093" },
{ "compiler.warn.missing.deprecated.annotation", "\u975E\u63A8\u5968\u306E\u9805\u76EE\u306F@Deprecated\u3067\u6CE8\u91C8\u304C\u4ED8\u3051\u3089\u308C\u3066\u3044\u307E\u305B\u3093" },
{ "compiler.warn.option.obsolete.source", "\u30BD\u30FC\u30B9\u5024{0}\u306F\u5EC3\u6B62\u3055\u308C\u3066\u3044\u3066\u3001\u4ECA\u5F8C\u306E\u30EA\u30EA\u30FC\u30B9\u3067\u524A\u9664\u3055\u308C\u308B\u4E88\u5B9A\u3067\u3059"
},
{ "compiler.warn.option.obsolete.suppression", "\u5EC3\u6B62\u3055\u308C\u305F\u30AA\u30D7\u30B7\u30E7\u30F3\u306B\u3064\u3044\u3066\u306E\u8B66\u544A\u3092\u8868\u793A\u3057\u306A\u3044\u3088\u3046\u306B\u3059\u308B\u306B\u306F\u3001-Xlint:\u30AA\u30D7\u30B7\u30E7\u30F3\u3092\u4F7F\u7528\u3057\u307E\u3059\u3002" },
{ "compiler.warn.option.obsolete.target", "\u30BF\u30FC\u30B2\u30C3\u30C8\u5024{0}\u306F\u5EC3\u6B62\u3055\u308C\u3066\u3044\u3066\u3001\u4ECA\u5F8C\u306E\u30EA\u30EA\u30FC\u30B9\u3067\u524A\u9664\u3055\u308C\u308B\u4E88\u5B9A\u3067\u3059" },
{ "compiler.warn.override.bridge", "{0}\u3002\u30AA\u30FC\u30D0\u30FC\u30E9\u30A4\u30C9\u3055\u308C\u305F\u30E1\u30BD\u30C3\u30C9\u306F\u30D6\u30EA\u30C3\u30B8\u30FB\u30E1\u30BD\u30C3\u30C9\u3067\u3059" },
{ "compiler.warn.override.equals.but.not.hashcode", "\u30AF\u30E9\u30B9{0}\u306Fequals\u3092\u30AA\u30FC\u30D0\u30FC\u30E9\u30A4\u30C9\u3057\u307E\u3059\u304C\u3001\u3053\u306E\u30AF\u30E9\u30B9\u3082\u3001\u307E\u305F\u3001\u3044\u304B\u306A\u308B\u30B9\u30FC\u30D1\u30FC\u30AF\u30E9\u30B9\u3082\u3001hashCode\u30E1\u30BD\u30C3\u30C9\u3092\u30AA\u30FC\u30D0\u30FC\u30E9\u30A4\u30C9\u3057\u307E\u305B\u3093"
},
{ "compiler.warn.override.unchecked.ret", "{0}\n\u623B\u308A\u5024\u306E\u578B\u306F{1}\u304B\u3089{2}\u3078\u306E\u7121\u691C\u67FB\u5909\u63DB\u304C\u5FC5\u8981\u3067\u3059" },
{ "compiler.warn.override.unchecked.thrown", "{0}\n\u30AA\u30FC\u30D0\u30FC\u30E9\u30A4\u30C9\u3055\u308C\u305F\u30E1\u30BD\u30C3\u30C9\u306F{1}\u3092\u30B9\u30ED\u30FC\u3057\u307E\u305B\u3093" },
{ "compiler.warn.override.varargs.extra", "{0}\u3002\u30AA\u30FC\u30D0\u30FC\u30E9\u30A4\u30C9\u3057\u3066\u3044\u308B\u30E1\u30BD\u30C3\u30C9\u306B\u306F"..."\u304C\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.warn.override.varargs.missing", "{0}\u3002\u30AA\u30FC\u30D0\u30FC\u30E9\u30A4\u30C9\u3055\u308C\u305F\u30E1\u30BD\u30C3\u30C9\u306B\u306F"..."\u304C\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.warn.path.element.not.found", "\u4E0D\u6B63\u306A\u30D1\u30B9\u8981\u7D20\"{0}\":\u305D\u306E\u30D5\u30A1\u30A4\u30EB\u307E\u305F\u306F\u30C7\u30A3\u30EC\u30AF\u30C8\u30EA\u306F\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.warn.pkg-info.already.seen", "package-info.java\u30D5\u30A1\u30A4\u30EB\u304C\u3059\u3067\u306B\u30D1\u30C3\u30B1\u30FC\u30B8{0}\u7528\u306B\u8868\u793A\u3055\u308C\u3066\u3044\u307E\u3059" },
{ "compiler.warn.position.overflow",

"\u4F4D\u7F6E\u30A8\u30F3\u30B3\u30FC\u30C7\u30A3\u30F3\u30B0\u304C\u884C{0}\u3067\u30AA\u30FC\u30D0\u30FC\u30D5\u30ED\u30FC\u3057\u307E\u3059" },
{ "compiler.warn.possible.fall-through.into.case", "case\u306Bfall-through\u3059\u308B\u53EF\u80FD\u6027\u304C\u3042\u308A\u307E\u3059" },
{ "compiler.warn.potentially.ambiguous.overload", "{1}\u5185\u306E{0}\u306F{3}\u5185\u306E{2}\u3068\u77DB\u76FE\u3059\u308B\u53EF\u80FD\u6027\u304C\u3042\u308A\u307E\u3059" },
{ "compiler.warn.prob.found.req", "{0}\n\u671F\u5F85\u5024: {2}\n\u691C\u51FA\u5024: {1}" },
{ "compiler.warn.proc.annotations.without.processors", "\u3053\u308C\u3089\u306E\u6CE8\u91C8\u3092\u8981\u6C42\u3059\u308B\u30D7\u30ED\u30BB\u30C3\u30B5\u306F\u3042\u308A\u307E\u305B\u3093\u3067\u3057\u305F: {0}" },
{ "compiler.warn.proc.file.create.last.round", "\u6700\u5F8C\u306B\u4F5C\u6210\u3055\u308C\u305F\u30BF\u30A4\u30D7"{0}"\u306E\u30D5\u30A1\u30A4\u30EB\u306F\u6CE8\u91C8\u51E6\u7406\u306B\u6E21\u3055\u308C\u307E\u305B\u3093\u3002" },
{ "compiler.warn.proc.file.reopening", ""{0}"\u7528\u306E\u30D5\u30A1\u30A4\u30EB\u3092\u8907\u6570\u56DE\u4F5C\u6210\u3057\u3088\u3046\u3068\u3057\u3066\u3044\u307E\u3059" },
{ "compiler.warn.proc.illegal.file.name", "\u7121\u52B9\u306A\u540D\u524D"{0}"\u306E\u30D5\u30A1\u30A4\u30EB\u306F\u4F5C\u6210\u3067\u304D\u307E\u305B\u3093\u3002"
},
{ "compiler.warn.proc.malformed.supported.string", "\u30D7\u30ED\u30BB\u30C3\u30B5"{1}"\u304C\u8FD4\u3057\u305F\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u308B\u6CE8\u91C8\u578B\u306E\u6587\u5B57\u5217"{0}"\u304C\u4E0D\u6B63\u3067\u3059" },
{ "compiler.warn.proc.messager", "{0}" },
{ "compiler.warn.proc.package.does.not.exist", "\u30D1\u30C3\u30B1\u30FC\u30B8{0}\u306F\u5B58\u5728\u3057\u307E\u305B\u3093" },
{ "compiler.warn.proc.proc-only.requested.no.procs", "\u30B3\u30F3\u30D1\u30A4\u30EB\u306A\u3057\u306E\u6CE8\u91C8\u51E6\u7406\u304C\u30EA\u30AF\u30A8\u30B9\u30C8\u3055\u308C\u307E\u3057\u305F\u304C\u3001\u30D7\u30ED\u30BB\u30C3\u30B5\u304C\u898B\u3064\u304B\u308A\u307E\u305B\u3093\u3067\u3057\u305F\u3002" },
{ "compiler.warn.proc.processor.incompatible.source.version", "\u6CE8\u91C8\u30D7\u30ED\u30BB\u30C3\u30B5"{1}"\u304B\u3089-source "{2}"\u3088\u308A\u5C0F\u3055\u3044\u30BD\u30FC\u30B9\u30FB\u30D0\u30FC\u30B8\u30E7\u30F3"{0}"\u304C\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u3066\u3044\u307E\u3059" },
{ "compiler.warn.proc.suspicious.class.name", "\u540D\u524D\u304C{1}\u3067\u7D42\u308F\u308B\u578B\u306E\u30D5\u30A1\u30A4\u30EB\u3092\u4F5C\u6210\u3057\u3066\u3044\u307E\u3059: "{0}"" },
{ "compiler.warn.proc.type.already.exists", "\u30BF\u30A4\u30D7"{0}"\u306E\u30D5\u30A1\u30A4\u30EB\u306F\u3059\u3067\u306B\u30BD\u30FC\u30B9\u30FB\u30D1\u30B9\u307E\u305F\u306F\u30AF\u30E9\u30B9\u30D1\u30B9\u306B\u5B58\u5728\u3057\u307E\u3059" },
{ "compiler.warn.proc.type.recreate", "\u30BF\u30A4\u30D7"{0}"\u306E\u30D5\u30A1\u30A4\u30EB\u3092\u8907\u6570\u56DE\u4F5C\u6210\u3057\u3088\u3046\u3068\u3057\u3066\u3044\u307E\u3059" },
{ "compiler.warn.proc.unclosed.type.files", "\u30BF\u30A4\u30D7"{0}"\u306E\u30D5\u30A1\u30A4\u30EB\u304C\u9589\u3058\u3089\u308C\u3066\u3044\u307E\u305B\u3093\u3002\u3053\u308C\u3089\u306E\u30BF\u30A4\u30D7\u306F\u6CE8\u91C8\u51E6\u7406\u

3055\u308C\u307E\u305B\u3093"
},
{ "compiler.warn.proc.unmatched.processor.options",
"\u6B21\u306E\u30AA\u30D7\u30B7\u30E7\u30F3\u306F\u3069\u306E\u30D7\u30ED\u30BB\u30C3\u30B5\u3067\u3082\u8A8D\u8B58\u3055\u308C\u307E\u305B\u3093\u3067\u3057\u305F: "{0}"" },
{ "compiler.warn.proc.use.implicit",
"\u6697\u9ED9\u7684\u306B\u30B3\u30F3\u30D1\u30A4\u30EB\u3055\u308C\u305F\u30D5\u30A1\u30A4\u30EB\u306F\u6CE8\u91C8\u51E6\u7406\u306B\u6E21\u3055\u308C\u307E\u305B\u3093\u3002\n-implicit\u3092\u4F7F\u7528\u3057\u6697\u9ED9\u7684\u30B3\u30F3\u30D1\u30A4\u30EB\u306E\u30DD\u30EA\u30B7\u30FC\u3092\u6307\u5B9A\u3057\u3066\u304F\u3060\u3055\u3044\u3002" },
{ "compiler.warn.proc.use.proc.or.implicit",
"\u6697\u9ED9\u7684\u306B\u30B3\u30F3\u30D1\u30A4\u30EB\u3055\u308C\u305F\u30D5\u30A1\u30A4\u30EB\u306F\u6CE8\u91C8\u51E6\u7406\u306B\u6E21\u3055\u308C\u307E\u305B\u3093\u3002\n-proc:none\u3092\u4F7F\u7528\u3057\u6CE8\u91C8\u51E6\u7406\u3092\u7121\u52B9\u306B\u3059\u308B\u304B
-
implicit\u3092\u4F7F\u7528\u3057\u6697\u9ED9\u7684\u30B3\u30F3\u30D1\u30A4\u30EB\u306E\u30DD\u30EA\u30B7\u30FC\u3092\u6307\u5B9A\u3057\u3066\u304F\u3060\u3055\u3044\u3002" },
{ "compiler.warn.raw.class.use", "raw\u578B\u304C\u898B\u3064\u304B\u308A\u307E\u3057\u305F: {0}\n\u6C4E\u7528\u30AF\u30E9\u30B9{1}\u306E\u578B\u5F15\u6570\u304C\u3042\u308A\u307E\u305B\u3093" },
{ "compiler.warn.redundant.cast",
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"\u521D\u671F\u5316\u5B50\u5185\u306E\u5909\u6570"{0}"\u306E\u81EA\u5DF1\u53C2\u7167" },
{ "compiler.warn.source.no.bootclasspath",
"\u30D6\u30FC\u30C8\u30B9\u30C8\u30E9\u30C3\u30D7\u30FB\u30AF\u30E9\u30B9\u30D1\u30B9\u304C-source {0}\u3068\u4E00\u7DD2\u306B\u8A2D\u5B9A\u3055\u308C\u3066\u3044\u307E\u305B\u3093" },
{ "compiler.warn.static.not.qualified.by.type", "static {0}\u306F\u5F0F\u3067\u306F\u306A\u304F\u578B\u540D{1}\u3067\u4FEE\u98FE\u3059\u308B\u5FC5\u8981\u304C\u3042\u308A\u307E\u3059" },
{ "compiler.warn.sun.proprietary",
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{ "compiler.warn.synthetic.name.conflict",
"\u30B7\u30F3\u30DC\u30EB{0}\u304C\u3001{1}\u3067\u30B3\u30F3\u30D1\u30A4\u30E9\u304C\u5408\u6210\u3057\u305F\u30B7\u30F3\u30DC\u30EB\u3068\u7AF6\u5408\u3057\u307E\u3059" },
{ "compiler.warn.try.explicit.close.call",
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{ "compiler.warn.try.resource.not.referenced",
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{ "compiler.warn.try.resource.throws.interrupted.exc",
"\u81EA\u52D5\u30AF\u30ED\u30FC\u30BA\u53EF\u80FD\u306A\u30EA\u30BD\u30FC\u30B9{0}\u306B\u300

1InterruptedException\u3092\u30B9\u30ED\u30FC\u3059\u308B\u53EF\u80FD\u6027\u304C\u3042\u308B\u30E1\u30F3\u30D0\u30FC\u30FB\u30E1\u30BD\u30C3\u30C9close()\u304C\u3042\u308A\u307E\u3059" },
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},
{ "compiler.warn.unchecked.cast.to.type",
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{ "compiler.warn.unchecked.generic.array.creation",
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{ "compiler.warn.unchecked.meth.invocation.applied",
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{1}\u306F\u6307\u5B9A\u3055\u308C\u305F\u578B\u306B\u9069\u7528\u3055\u308C\u307E\u3059\n\u671F\u5F85\u5024: {2}\n\u691C\u51FA\u5024: {3}" },
{ "compiler.warn.unchecked.varargs.non.reifiable.type",
"\u30D1\u30E9\u30E1\u30FC\u30BF\u5316\u3055\u308C\u305F\u53EF\u5909\u5F15\u6570\u578B{0}\u304B\u3089\u306E\u30D2\u30FC\u30D7\u6C5A\u67D3\u306E\u53EF\u80FD\u6027\u304C\u3042\u308A\u307E\u3059"
},
{ "compiler.warn.underscore.as.identifier",
"\u8B58\u5225\u5B50\u3068\u3057\u3066"_"\u304C\u4F7F\u7528\u3055\u308C\u307E\u3057\u305F\n(\u8B58\u5225\u5B50\u3068\u3057\u3066\u306E"_"\u306E\u4F7F\u7528\u306F\u3001Java
SE
8\u3088\u308A\u5F8C\u306E\u30EA\u30EA\u30FC\u30B9\u3067\u306F\u30B5\u30DD\u30FC\u30C8\u3055\u308C\u306A\u3044\u53EF\u80FD\u6027\u304C\u3042\u308A\u307E\u3059)" },
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{ "compiler.warn.unknown.enum.constant.reason",
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{ "compiler.warn.unreachable.catch",
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},
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{ "compiler.warn.varargs.redundant.trustme.anno",
"{0}\u6CE8\u91C8\u304C\u5197\u9577\u3067\u3059\u3002{1}" },

```
        { "compiler.warn.varargs.unsafe.use.varargs.param",
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F\u80FD\u3067\u306A\u3044\u53EF\u5909\u5F15\u6570\u30D1\u30E9\u30E1\u30FC\u30BF{0}\u304B\u3089\u3
06E\u30D2\u30FC\u30D7\u6C5A\u67D3\u306E\u539F\u56E0\u3068\u306A\u308B\u53EF\u80FD\u6027\u304C\u
3042\u308A\u307E\u3059" },
        { "compiler.warn.warning", "\u8B66\u544A: " },
      };
   }
}
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/resources/compiler_ja.java
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```
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*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/datatransfer/ToolkitThreadBlockedHandler.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/imageio/plugins/common/InputStreamAdapter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/print/MultiDocPrintService.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/javax/imageio/spi/PartiallyOrderedSet.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/imageio/spi/DigraphNode.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/print/ImagePrinter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/NativeEntry.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/print/FlavorException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/plaf/SpinnerUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/imageio/plugins/png/RowFilter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/print/SunPrinterJobService.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/dns/DnsNameParser.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/browser/dom/DOMUnsupportedException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/imageio/ImageTranscoder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/beans/VetoableChangeListenerProxy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/print/PrintException.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/browser/dom/DOMServiceProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/imageio/metadata/IIOMetadataController.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/print/attribute/DocAttribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/imageio/IIOException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/print/AttributeUpdater.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/print/attribute/PrintServiceAttribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/print/attribute/SupportedValuesAttribute.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/net/spi/nameservice/dns/DNSNameServiceDescriptor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/print/PrintJobFlavorException.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/InternalFrameFocusTraversalPolicy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/jgss/krb5/Krb5CredElement.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/browser/dom/DOMAction.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/toJavaPortable/NativeGen.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/print/PrintJobAttributeException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/ExceptionListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/print/PageableDoc.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/corba/se/idl/NativeGen.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jndi/cosnaming/CorbanameUrl.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/InputMethodSupport.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/browser/dom/DOMAccessException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/nio/cs/HistoricallyNamedCharset.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/util/prefs/NodeChangeListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/ComponentFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/imageio/spi/ImageTranscoderSpi.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/imageio/IIOParamController.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/print/attribute/PrintJobAttribute.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/net/spi/nameservice/NameServiceDescriptor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/browser/dom/DOMAccessor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/x509/X400Address.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/print/AttributeException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/beans/PropertyChangeListenerProxy.java
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*/
/**
* This interface encapsulates the GSS-API security context and provides
* the security services that are available over the context.  Security
* contexts are established between peers using locally acquired
* credentials.  Multiple contexts may exist simultaneously between a pair
* of peers, using the same or different set of credentials.  GSS-API
* functions in a manner independent of the underlying transport protocol
* and depends on its calling application to transport the tokens that are
* generated by the security context between the peers.<p>
*
* If the caller instantiates the context using the default
* <code>GSSManager</code> instance, then the Kerberos v5 GSS-API mechanism
* is guaranteed
 to be available for context establishment. This mechanism
* is identified by the Oid "1.2.840.113554.1.2.2" and is defined in RFC
* 1964.<p>
*
* Before the context establishment phase is initiated, the context
* initiator may request specific characteristics desired of the
* established context. Not all underlying mechanisms support all
* characteristics that a caller might desire. After the context is
* established, the caller can check the actual characteristics and services
* offered by that context by means of various query methods. When using
* the Kerberos v5 GSS-API mechanism offered by the default
* <code>GSSManager</code> instance, all optional services will be
* available locally. They are mutual authentication, credential
* delegation, confidentiality and integrity protection, and per-message
* replay detection and sequencing. Note that in the GSS-API, message integrity
* is a prerequisite for message confidentiality.<p>
*
* The context establishment occurs
 in a loop where the
* initiator calls {@link #initSecContext(byte[], int, int) initSecContext}
* and the acceptor calls {@link #acceptSecContext(byte[], int, int)
* acceptSecContext} until the context is established. While in this loop
* the <code>initSecContext</code> and <code>acceptSecContext</code>
* methods produce tokens that the application sends over to the peer. The
* peer passes any such token as input to its <code>acceptSecContext</code>
* or <code>initSecContext</code> as the case may be.<p>
*
* During the context establishment phase, the {@link
```

```
* #isProtReady() isProtReady} method may be called to determine if the
* context can be used for the per-message operations of {@link
* #wrap(byte[], int, int, MessageProp) wrap} and {@link #getMIC(byte[],
* int, int, MessageProp) getMIC}.  This allows applications to use
* per-message operations on contexts which aren't yet fully
* established.<p>
*
* After the context has been established or the <code>isProtReady</code>
 * method returns <code>true</code>, the query routines can be invoked to
* determine the actual characteristics and services of the established
* context.  The application can also start using the per-message methods
* of {@link #wrap(byte[], int, int, MessageProp) wrap} and
* {@link #getMIC(byte[], int, int, MessageProp) getMIC} to obtain
* cryptographic operations on application supplied data.<p>
*
* When the context is no longer needed, the application should call
* {@link #dispose() dispose} to release any system resources the context
* may be using.<p>
*
* A security context typically maintains sequencing and replay detection
* information about the tokens it processes. Therefore, the sequence in
* which any tokens are presented to this context for processing can be
* important. Also note that none of the methods in this interface are
* synchronized. Therefore, it is not advisable to share a
* <code>GSSContext</code> among several threads unless some
 application
* level synchronization is in place.<p>
*
* Finally, different mechanism providers might place different security
* restrictions on using GSS-API contexts. These will be documented by the
* mechanism provider. The application will need to ensure that it has the
* appropriate permissions if such checks are made in the mechanism layer.<p>
*
* The example code presented below demonstrates the usage of the
* <code>GSSContext</code> interface for the initiating peer.  Different
* operations on the <code>GSSContext</code> object are presented,
* including: object instantiation, setting of desired flags, context
* establishment, query of actual context flags, per-message operations on
* application data, and finally context deletion.<p>
*
* <pre>
*    // Create a context using default credentials
*    // and the implementation specific default mechanism
*    GSSManager manager ...
*    GSSName targetName ...
*    GSSContext context = manager.createContext(targetName,
 null, null,
*                                   GSSContext.INDEFINITE_LIFETIME);
```

```
*
*    // set desired context options prior to context establishment
*    context.requestConf(true);
*    context.requestMutualAuth(true);
*    context.requestReplayDet(true);
*    context.requestSequenceDet(true);
*
*    // establish a context between peers
*
*    byte []inToken = new byte[0];
*
*    // Loop while there still is a token to be processed
*
*    while (!context.isEstablished()) {
*
*       byte[] outToken
*          = context.initSecContext(inToken, 0, inToken.length);
*
*       // send the output token if generated
*       if (outToken != null)
*          sendToken(outToken);
*
*       if (!context.isEstablished()) {
*          inToken = readToken();
*    }
*
*     // display context information
*     System.out.println("Remaining lifetime in seconds = "
*                                + context.getLifetime());
*     System.out.println("Context
 mechanism = " + context.getMech());
*     System.out.println("Initiator = " + context.getSrcName());
*     System.out.println("Acceptor = " + context.getTargName());
*
*     if (context.getConfState())
*           System.out.println("Confidentiality (i.e., privacy) is available");
*
*     if (context.getIntegState())
*           System.out.println("Integrity is available");
*
*     // perform wrap on an application supplied message, appMsg,
*     // using QOP = 0, and requesting privacy service
*     byte [] appMsg ...
*
*     MessageProp mProp = new MessageProp(0, true);
*
*     byte []tok = context.wrap(appMsg, 0, appMsg.length, mProp);
*
```

```
*     sendToken(tok);
*
*     // release the local-end of the context
*     context.dispose();
*
* </pre>
*
* @author Mayank Upadhyay
* @since 1.4
*/
/**
   * Applies per-message security services over the established security
   * context. The method will return a token with the
   * application
 supplied data and a cryptographic MIC over it.
   * The data may be encrypted if confidentiality (privacy) was
   * requested.<p>
   *
   * The MessageProp object is instantiated by the application and used
   * to specify a QOP value which selects cryptographic algorithms, and a
   * privacy service to optionally encrypt the message.  The underlying
   * mechanism that is used in the call may not be able to provide the
   * privacy service.  It sets the actual privacy service that it does
   * provide in this MessageProp object which the caller should then
   * query upon return.  If the mechanism is not able to provide the
   * requested QOP, it throws a GSSException with the BAD_QOP code.<p>
   *
   * Since some application-level protocols may wish to use tokens
   * emitted by wrap to provide "secure framing", implementations should
   * support the wrapping of zero-length messages.<p>
   *
   * The application will be responsible for sending
 the token to the
   * peer.
   *
   * @param inBuf application data to be protected.
   * @param offset the offset within the inBuf where the data begins.
   * @param len the length of the data
   * @param msgProp instance of MessageProp that is used by the
   * application to set the desired QOP and privacy state. Set the
   * desired QOP to 0 to request the default QOP. Upon return from this
   * method, this object will contain the the actual privacy state that
   * was applied to the message by the underlying mechanism.
   * @return a byte[] containing the token to be sent to the peer.
   *
   * @throws GSSException containing the following major error codes:
   *   {@link GSSException#CONTEXT_EXPIRED GSSException.CONTEXT_EXPIRED},
   *   {@link GSSException#BAD_QOP GSSException.BAD_QOP},
```

```
    *   {@link GSSException#FAILURE GSSException.FAILURE}
    */
/**
    * Used to process tokens generated by the <code>wrap</code> method on
    * the other side
 of the context. The method will return the message
    * supplied by the peer application to its wrap call, while at the same
    * time verifying the embedded MIC for that message.<p>
    *
    * The MessageProp object is instantiated by the application and is
    * used by the underlying mechanism to return information to the caller
    * such as the QOP, whether confidentiality was applied to the message,
    * and other supplementary message state information.<p>
    *
    * Since some application-level protocols may wish to use tokens
    * emitted by wrap to provide "secure framing", implementations should
    * support the wrapping and unwrapping of zero-length messages.<p>
    *
    * @param inBuf a byte array containing the wrap token received from
    * peer.
    * @param offset the offset where the token begins.
    * @param len the length of the token
    * @param msgProp upon return from the method, this object will contain
    * the applied QOP, the privacy
 state of the message, and supplementary
    * information stating if the token was a duplicate, old, out of
    * sequence or arriving after a gap.
    * @return a byte[] containing the message unwrapped from the input
    * token.
    *
    * @throws GSSException containing the following
    * major error codes:
    *   {@link GSSException#DEFECTIVE_TOKEN GSSException.DEFECTIVE_TOKEN},
    *   {@link GSSException#BAD_MIC GSSException.BAD_MIC},
    *   {@link GSSException#CONTEXT_EXPIRED GSSException.CONTEXT_EXPIRED},
    *   {@link GSSException#FAILURE GSSException.FAILURE}
    */
/**
    * Requests that data confidentiality be enabled
    * for the <code>wrap</code> method. This request can only be made on
    * the context initiator's side and it has to be done prior to the
    * first call to <code>initSecContext</code>.
    *
    * Not all mechanisms support confidentiality and other mechanisms
    * might enable it even if the application doesn't request
     * it. The application may check to see if the request was honored with
    * the {@link #getConfState() getConfState} method. If confidentiality
    * is enabled, only then will the mechanism honor a request for privacy
```

```
    * in the {@link MessageProp#MessageProp(int, boolean) MessageProp}
    * object that is passed in to the <code>wrap</code> method.<p>
    *
    * Enabling confidentiality will also automatically enable
    * integrity.<p>
    *
    * @param state a boolean value indicating whether confidentiality
    * should be enabled or not.
    * @see #getConfState()
    * @see #getIntegState()
    * @see #requestInteg(boolean)
    * @see MessageProp
    *
    * @throws GSSException containing the following
    * major error codes:
    *   {@link GSSException#FAILURE GSSException.FAILURE}
    */
/**
    * Requests that data integrity be enabled
    * for the <code>wrap</code> and <code>getMIC</code>methods. This
    * request can only be made on the context
 initiator's side and it has
    * to be done prior to the first call to <code>initSecContext</code>.
    *
    * Not all mechanisms support integrity and other mechanisms
    * might enable it even if the application doesn't request
    * it. The application may check to see if the request was honored with
    * the {@link #getIntegState() getIntegState} method.<p>
    *
    * Disabling integrity will also automatically disable
    * confidentiality.<p>
    *
    * @param state a boolean value indicating whether integrity
    * should be enabled or not.
    * @see #getIntegState()
    *
    * @throws GSSException containing the following
    * major error codes:
    *   {@link GSSException#FAILURE GSSException.FAILURE}
    */
/**
    * Determines if data confidentiality is available
    * over the context. This method can be called by both the context
    * initiator and the context acceptor, but only after one of {@link
    * #isProtReady() isProtReady} or
 {@link #isEstablished()
    * isEstablished} return <code>true</code>. If this method returns
    * <code>true</code>, so will {@link #getIntegState()
```

```
   * getIntegState}<p>
   *
   * @return true if confidentiality services are available, false
   * otherwise.
   * @see #requestConf(boolean)
   */
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/ietf/jgss/GSSContext.java
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*/
/**
* Receive notification of general document events.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>This was the main event-handling interface for SAX1; in
* SAX2, it has been replaced by {@link org.xml.sax.ContentHandler
```

```
* ContentHandler}, which provides Namespace support and reporting
* of skipped entities.  This interface is included in SAX2 only
* to support legacy SAX1 applications.</p>
*
* <p>The order of events in this interface is very important, and
* mirrors the
 order of information in the document itself.  For
* example, all of an element's content (character data, processing
* instructions, and/or subelements) will appear, in order, between
* the startElement event and the corresponding endElement event.</p>
*
* <p>Application writers who do not want to implement the entire
* interface can derive a class from HandlerBase, which implements
* the default functionality; parser writers can instantiate
* HandlerBase to obtain a default handler.  The application can find
* the location of any document event using the Locator interface
* supplied by the Parser through the setDocumentLocator method.</p>
*
* @deprecated This interface has been replaced by the SAX2
*            {@link org.xml.sax.ContentHandler ContentHandler}
*            interface, which includes Namespace support.
* @since SAX 1.0
* @author David Megginson
* @see org.xml.sax.Parser#setDocumentHandler
* @see org.xml.sax.Locator
* @see org.xml.sax.HandlerBase
 */
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/xs/opti/SchemaParsingConfig.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/parsers/DTDConfiguration.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/dom/DOMConfigurationImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/xml/internal/bind/v2/schemagen/episode/Package.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/crypto/AEADBadTagException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/AbstractFileSystemProvider.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/ResourceManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/krb5/KerberosSecrets.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/provider/certpath/ssl/SSLServerCertStore.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/CESU_8.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/util/Assert.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/RegisteredDomain.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/net/www/protocol/http/ntlm/NTLMAuthenticationCallback.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/charset/StandardCharsets.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/SocksProxy.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/nio/file/CopyMoveHelper.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/misc/JavaNetHttpCookieAccess.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/pkcs11/wrapper/CK_AES_CTR_PARAMS.java
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zip/com/sun/org/apache/xalan/internal/xsltc/runtime/AbstractTranslet.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xml/internal/dtm/DTMException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xerces/internal/impl/xs/XMLSchemaValidator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/com/sun/org/apache/xerces/internal/impl/xs/XMLSchemaLoader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xalan/internal/xsltc/compiler/Parser.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/chrono/ChronoLocalDateTimeImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/Clock.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/time/chrono/ChronoZonedDateTimeImpl.java
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/** Generate code for a class definition.
   * @param env The attribution environment that belongs to the
   *   outermost class containing this class definition.
   *   We need this for resolving some additional symbols.
   * @param cdef The tree representing the class definition.
   * @return   True if code is generated with no errors.
   */

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zip/com/sun/media/sound/MidiDeviceReceiverEnvelope.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/xr/MaskTile.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/function/LongPredicate.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/xr/XRMaskBlit.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/util/function/DoubleConsumer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/xr/XRRenderer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/text/CalendarBuilder.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/font/XRTextRenderer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/sound/midi/MidiDeviceTransmitter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/function/BiPredicate.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/HKSCS.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/media/sound/MidiDeviceTransmitterEnvelope.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/xr/XRColor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/lang/model/util/AbstractElementVisitor7.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/lang/model/util/ElementKindVisitor7.java
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zip/com/sun/tools/doclets/formats/html/markup/DocType.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/function/BinaryOperator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/doclets/formats/html/markup/HtmlDocument.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/WaitDispatchSupport.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/function/Predicate.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/security/ntlm/NTLM.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/sound/midi/MidiDeviceReceiver.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/xr/XRDrawImage.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/xr/XRBackendNative.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/internal/ws/processor/modeler/annotation/WebServiceAp.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/SafeVarargs.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/xr/MaskTileManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/function/Consumer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/lang/model/util/ElementScanner7.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/doclets/formats/html/markup/Comment.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/lang/model/util/SimpleElementVisitor7.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/function/BiFunction.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/jules/JulesAATileGenerator.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/lang/model/util/SimpleAnnotationValueVisitor7.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/HKSCSMapping.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/function/DoublePredicate.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/GtkFileDialogPeer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/font/XRGlyphCacheEntry.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/EUC_TWMapping.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/xr/XRPMBlitLoops.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/xr/XRSurfaceData.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/invoke/ConstantCallSite.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/doclets/formats/html/markup/HtmlConstants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/function/LongConsumer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/lang/model/util/AbstractAnnotationValueVisitor7.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/xr/XRMaskImage.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/xr/XRCompositeManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/cs/ext/HKSCS2001Mapping.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/doclets/internal/toolkit/Content.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/doclets/formats/html/markup/HtmlTag.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/ClassValue.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/doclets/formats/html/markup/HtmlAttr.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/media/sound/ModelStandardIndexedDirector.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/doclets/formats/html/markup/HtmlStyle.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/doclets/formats/html/markup/HtmlTree.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/doclets/formats/html/markup/StringContent.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/function/Function.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/net/HttpConnectSocketImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/xr/XRPaints.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/invoke/SwitchPoint.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/lang/model/util/AbstractTypeVisitor7.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/javax/lang/model/util/TypeKindVisitor7.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/xr/GrowableRectArray.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/security/sasl/ntlm/NTLMServer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/nio/cs/ext/HKSCS_XPMapping.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/sql/rowset/RowSetProvider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/tools/doclets/formats/html/markup/RawHtml.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/xr/XRUtils.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/lang/model/util/SimpleTypeVisitor7.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/function/IntPredicate.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/xr/XRBackend.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/source/tree/UnionTypeTree.java
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// NO WARRANTY!  This class is in the Public Domain.
/**
* Exception class for an unsupported operation.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
```

```
* </blockquote>
*
* <p>An XMLReader will throw this exception when it recognizes a
* feature or property identifier, but cannot perform the requested
* operation (setting a state or value).  Other SAX2 applications and
* extensions may use this class for similar purposes.</p>
*
* @since SAX 2.0
* @author David Megginson
* @see org.xml.sax.SAXNotRecognizedException
 */
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/xml/sax/SAXNotSupportedException.java
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Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/SystemColor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/provider/SeedGenerator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/datatransfer/DataFlavor.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/applet/resources/MsgAppletViewer_ja.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/EventQueue.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/Provider.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/transport/Transport.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/awt/event/KeyListener.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/rmi/transport/tcp/TCPTransport.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/InputRecord.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/misc/VM.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/Key.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/FontConfiguration.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/applet/resources/MsgAppletViewer_pt_BR.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/beans/Introspector.java
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```
*/
/* This class and it's methods are used by hprof when injecting bytecodes
*   into class file images.
*   See the directory src/share/demo/jvmti/hprof and the file README.txt
*   for more details.
*/
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/demo/jvmti/hprof/Tracker.java
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*/
/**
* Defines an abstract implementation of a factory for
* getting XMLEventWriters and XMLStreamWriters.
*
* The following table defines the standard properties of this specification.
* Each property varies in the level of support required by each implementation.
* The level of support required is described in the 'Required' column.
*
*     <table border="2" rules="all" cellpadding="4">
*     <thead>
```

```
*      <tr>
*        <th align="center" colspan="2">
*          Configuration parameters
*        </th>
*      </tr>
*    </thead>
*    <tbody>
*      <tr>
*        <th>Property Name</th>
*        <th>Behavior</th>
*        <th>Return type</th>
*        <th>Default Value</th>
*        <th>Required</th>
 *             </tr>
*         <tr><td>javax.xml.stream.isRepairingNamespaces</td><td>defaults prefixes on the output
side</td><td>Boolean</td><td>False</td><td>Yes</td></tr>
*      </tbody>
*   </table>
*
* <p>The following paragraphs describe the namespace and prefix repair algorithm:</p>
*
* <p>The property can be set with the following code line:
* <code>setProperty("javax.xml.stream.isRepairingNamespaces",new Boolean(true|false));</code></p>
*
* <p>This property specifies that the writer default namespace prefix declarations.
* The default value is false. </p>
*
* <p>If a writer isRepairingNamespaces it will create a namespace declaration
* on the current StartElement for
* any attribute that does not
* currently have a namespace declaration in scope.  If the StartElement
* has a uri but no prefix specified a prefix will be assigned, if the prefix
* has not been declared in a parent of the current StartElement it will be declared
* on the current
 StartElement.  If the defaultNamespace is bound and in scope
* and the default namespace matches the URI of the attribute or StartElement
* QName no prefix will be assigned.</p>
*
* <p>If an element or attribute name has a prefix, but is not
* bound to any namespace URI, then the prefix will be removed
* during serialization.</p>
*
* <p>If element and/or attribute names in the same start or
* empty-element tag are bound to different namespace URIs and
* are using the same prefix then the element or the first
* occurring attribute retains the original prefix and the
* following attributes have their prefixes replaced with a
* new prefix that is bound to the namespace URIs of those
```

* attributes.
*
* If an element or attribute name uses a prefix that is
* bound to a different URI than that inherited from the
* namespace context of the parent of that element and there
* is no namespace declaration in the context of the current
* element then such a namespace declaration
 is added.
*
* If an element or attribute name is bound to a prefix and
* there is a namespace declaration that binds that prefix
* to a different URI then that namespace declaration is
* either removed if the correct mapping is inherited from
* the parent context of that element, or changed to the
* namespace URI of the element or attribute using that prefix.
*
* @version 1.2
* @author Copyright (c) 2009 by Oracle Corporation. All Rights Reserved.
* @see XMLInputFactory
* @see XMLEventWriter
* @see XMLStreamWriter
* @since 1.6
*/

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*/
/**
    * Obtains the encryption algorithm that should be used in this token
    * given the state of confidentiality the application requested.
    * Requested qop must be consistent with negotiated session key.
    * @param confRequested true if the application desired confidentiality
    * on this token, false otherwise
    * @param qop the qop requested by the application
    * @throws GSSException if qop is incompatible with the negotiated
    *        session key
    */
/**
        * Constructs a MessageTokenHeader for the specified token type with
        * appropriate checksum and encryption algorithms fields.
        *
        * @param tokenId the token id for this message token

    * @param conf true if confidentiality will be resuested with this
        * message token, false otherwise.
        * @param qop the value of the quality of protection that will be
        * desired.
        */
/**
        * Constructs a MessageTokenHeader by reading it from an InputStream
        * and sets the appropriate confidentiality and quality of protection
        * values in a MessageProp structure.
        *
        * @param is the InputStream to read from
        * @param prop the MessageProp to populate
        * @throws IOException is an error occurs while reading from the
        * InputStream
        */
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/Hashtable.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/pkcs11/P11KeyGenerator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/management/MemoryManagerMXBean.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/reflect/MalformedParameterizedTypeException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/InputMismatchException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/MemoryImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/remote/util/ClassLoaderWithRepository.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/management/ClassLoadingMXBean.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/ClassLoadingImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/opengl/GLXVolatileSurfaceManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/instrument/IllegalClassFormatException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/remote/util/ClassLogger.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XCursorFontConstants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/remote/internal/ProxyRef.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XDnDConstants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XProtocolConstants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/CompilationImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/MWMConstants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/opengl/GLXGraphicsConfig.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/reflect/generics/factory/CoreReflectionFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/opengl/GLXSurfaceData.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/remote/security/MBeanServerFileAccessController.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/management/Util.java

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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/SurfaceManagerFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/lang/management/OperatingSystemMXBean.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/swing/plaf/synth/DefaultSynthStyleFactory.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/jmx/remote/internal/Unmarshal.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/lang/annotation/AnnotationTypeMismatchException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/management/snmp/jvminstr/JvmMemPoolEntryImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XCustomCursor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/remote/JMXConnectorServer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/TablePrintable.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/X11/XUtilConstants.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/lang/TypeNotPresentException.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/TransformingPathConsumer2D.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/Stroker.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/Dasher.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/Helpers.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/FileDispatcher.java
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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/DMarlinRenderingEngine.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/DTransformingPathConsumer2D.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/DCurve.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/Curve.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/MarlinProperties.java
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*/
/**
  * Returns an array containing all of the elements in this queue, in
  * proper sequence.
  *
  * <p>The returned array will be "safe" in that no references to it are
  * maintained by this queue. (In other words, this method must allocate
  * a new array). The caller is thus free to modify the returned array.
  *
  * <p>This
 method acts as bridge between array-based and collection-based
  * APIs.
  *
  * @return an array containing all of the elements in this queue
  */

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/concurrent/ConcurrentLinkedQueue.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/jcp/xml/dsig/internal/dom/DOMManifest.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/jcp/xml/dsig/internal/dom/DOMEnvelopedTransform.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/jcp/xml/dsig/internal/dom/DOMKeyInfoFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/jcp/xml/dsig/internal/dom/ApacheCanonicalizer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/jcp/xml/dsig/internal/dom/DOMStructure.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/jcp/xml/dsig/internal/dom/DOMXMLObject.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/jcp/xml/dsig/internal/dom/DOMCryptoBinary.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/jcp/xml/dsig/internal/dom/DOMXPathTransform.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/jcp/xml/dsig/internal/dom/DOMXMLSignatureFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/jcp/xml/dsig/internal/dom/DOMPGPData.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/jcp/xml/dsig/internal/dom/DOMSignatureProperty.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/jcp/xml/dsig/internal/dom/DOMHMACSignatureMethod.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/jcp/xml/dsig/internal/dom/DOMX509IssuerSerial.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/jcp/xml/dsig/internal/dom/DOMTransform.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/jcp/xml/dsig/internal/dom/ApacheTransform.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/jcp/xml/dsig/internal/dom/ApacheOctetStreamData.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/org/jcp/xml/dsig/internal/dom/DOMURIDereferencer.java
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zip/org/jcp/xml/dsig/internal/dom/DOMSignedInfo.java
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zip/org/jcp/xml/dsig/internal/dom/DOMCanonicalXMLC14NMethod.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/org/jcp/xml/dsig/internal/dom/DOMKeyName.java
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zip/org/jcp/xml/dsig/internal/dom/DOMKeyInfo.java
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zip/com/sun/org/apache/xalan/internal/xsltc/compiler/FilterExpr.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/org/apache/xalan/internal/xsltc/compiler/AbsoluteLocationPath.java

* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xalan/internal/xsltc/compiler/FilteredAbsoluteLocationPath.java
*
 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xalan/internal/xsltc/compiler/ParentLocationPath.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xalan/internal/xsltc/dom/AnyNodeCounter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xalan/internal/xsltc/compiler/FilterParentPath.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xalan/internal/xsltc/dom/SingleNodeCounter.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xalan/internal/xsltc/compiler/Step.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/net/ssl/TrustManagerFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/toolkit/url/UrlUtil.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/motif/X11JIS0212.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/jvm/ClassFile.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/net/ssl/KeyManagerFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

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 /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/PopupFactory.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/net/ssl/SSLContextSpi.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/net/ssl/SSLContext.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jndi/cosnaming/CNCtx.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/tree/DocPretty.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/crypto/CryptoPermissions.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/Terminator.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/crypto/CryptoPolicyParser.java
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*
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jmx/snmp/Enumerated.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/util/Position.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/timer/Timer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/management/timer/TimerAlarmClock.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/crypto/CryptoAllPermission.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/net/ssl/HttpsURLConnection.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

zip/sun/util/locale/provider/DateFormatProviderImpl.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/tools/javac/util/Name.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/security/ssl/KeyManagerFactoryImpl.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/ch/DevPollSelectorImpl.java
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* Encapsulate an XML parse error or warning.
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* </blockquote>
*
* <p>This exception may include information for locating the error
* in the original XML document, as if it came from a {@link Locator}
* object. Note that although the application
* will receive a SAXParseException as the argument to the handlers

```
* in the {@link org.xml.sax.ErrorHandler ErrorHandler} interface,
* the application is not actually required to throw the exception;
* instead,
 it can simply read the information in it and take a
* different action.</p>
*
* <p>Since this exception is a subclass of {@link org.xml.sax.SAXException
* SAXException}, it inherits the ability to wrap another exception.</p>
*
* @since SAX 1.0
* @author David Megginson
* @version 2.0.1 (sax2r2)
* @see org.xml.sax.SAXException
* @see org.xml.sax.Locator
* @see org.xml.sax.ErrorHandler
*/
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/normalizer/UnicodeMatcher.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/normalizer/RuleCharacterIterator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/normalizer/RangeValueIterator.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/management/DescriptorKey.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/jdi/request/MonitorContendedEnteredRequest.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/security/auth/module/LdapLoginModule.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/ec/ECKeyPairGenerator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/security/ec/ECDHKeyAgreement.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/ExtendedKeyCodes.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/java2d/marlin/MergeSort.java
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*/
/**
  * used to check the 3 constraints against each complex type
  * (should be each model group):
  * Unique Particle Attribution, Particle Derivation (Restriction),
  * Element Declrations Consistent.
  */

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/apache/xerces/internal/impl/xs/XSConstraints.java
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*/
// Proprietary
/** The 'document-location()' id (Proprietary). */

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zip/sun/text/normalizer/NormalizerBase.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/normalizer/VersionInfo.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/normalizer/UnicodeSetIterator.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/text/normalizer/UnicodeSet.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/text/normalizer/NormalizerImpl.java
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zip/sun/jvmstat/perfdata/monitor/AliasFileParser.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jstat/Identifier.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/javax/activity/ActivityCompletedException.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/print/PrinterGraphicsDevice.java
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/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jstat/Literal.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jstat/Operator.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/jvmstat/monitor/HostIdentifier.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/tools/jstat/Closure.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/net/ProgressMeteringPolicy.java
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zip/com/sun/xml/internal/bind/v2/runtime/unmarshaller/XsiNilLoader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/swing/plaf/windows/WindowsComboBoxUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/bind/v2/runtime/unmarshaller/TextLoader.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/bind/v2/runtime/ArrayBeanInfoImpl.java
*
/opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/ws/api/streaming/XMLStreamReaderFactory.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/xml/internal/bind/v2/runtime/unmarshaller/Discarder.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/com/sun/java/swing/plaf/windows/WindowsPopupMenuUI.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/javax/swing/CellEditor.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/org/glassfish/gmbal/util/GenericConstructor.java
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*/

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/java/lang/invoke/DirectMethodHandle.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-
zip/sun/nio/ch/AsynchronousChannelGroupImpl.java
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* or visit www.oracle.com if you need additional information or have any
* questions.
*/
// NO WARRANTY!  This class is in the Public Domain.
/**
* Exception class for an unsupported operation.
*
* <blockquote>
* <em>This module, both source code and documentation, is in the
* Public Domain, and comes with <strong>NO WARRANTY</strong>.</em>
* See <a href='http://www.saxproject.org'>http://www.saxproject.org</a>
* for further information.
* </blockquote>
*
* <p>An XMLReader will throw this exception when it recognizes a
* feature or property identifier, but cannot perform the requested
* operation (setting a state or value).  Other SAX2 applications and
```

* extensions may use this class for similar purposes.</p>
*
* @since SAX 2.0
* @author David Megginson
* @see org.xml.sax.SAXNotRecognizedException
 */

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/jdk/internal/org/xml/sax/SAXNotSupportedException.java
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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/font/FcFontConfiguration.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/font/SunFontManager.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/awt/AWTAccessor.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/font/CreatedFontTracker.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/com/sun/media/sound/SoftSynthesizer.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/sun/nio/fs/AbstractPoller.java
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/security/cert/PKIXReason.java

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*/
/**
* This class is for runtime permissions. A RuntimePermission
* contains a name (also referred to as a "target name") but
* no actions list; you either have the named permission
* or you don't.
*
* <P>
* The target name is the name of the runtime permission (see below). The
* naming convention follows the  hierarchical property naming convention.
* Also, an asterisk
* may appear at the end of the name, following a ".", or by itself, to
* signify a wildcard match. For example: "loadLibrary.*" and "*" signify a
* wildcard match, while "*loadLibrary" and "a*b" do not.
* <P>
* The following table lists all the possible RuntimePermission target names,
* and for each provides a description of what
 the permission allows
* and a discussion of the risks of granting code the permission.
*
* <table border=1 cellpadding=5 summary="permission target name,
*  what the target allows,and associated risks">
```

```
* <tr>
* <th>Permission Target Name</th>
* <th>What the Permission Allows</th>
* <th>Risks of Allowing this Permission</th>
* </tr>
*
* <tr>
*   <td>createClassLoader</td>
*   <td>Creation of a class loader</td>
*   <td>This is an extremely dangerous permission to grant.
* Malicious applications that can instantiate their own class
* loaders could then load their own rogue classes into the system.
* These newly loaded classes could be placed into any protection
* domain by the class loader, thereby automatically granting the
* classes the permissions for that domain.</td>
* </tr>
*
* <tr>
*   <td>getClassLoader</td>
*   <td>Retrieval of a class loader (e.g., the class loader for the calling
* class)</td>
*   <td>This would grant an attacker permission to get
 the
* class loader for a particular class. This is dangerous because
* having access to a class's class loader allows the attacker to
* load other classes available to that class loader. The attacker
* would typically otherwise not have access to those classes.</td>
* </tr>
*
* <tr>
*   <td>setContextClassLoader</td>
*   <td>Setting of the context class loader used by a thread</td>
*   <td>The context class loader is used by system code and extensions
* when they need to lookup resources that might not exist in the system
* class loader. Granting setContextClassLoader permission would allow
* code to change which context class loader is used
* for a particular thread, including system threads.</td>
* </tr>
*
* <tr>
*   <td>enableContextClassLoaderOverride</td>
*   <td>Subclass implementation of the thread context class loader methods</td>
*   <td>The context class loader is used by system code and extensions
* when they need to lookup resources that might not exist
 in the system
* class loader. Granting enableContextClassLoaderOverride permission would allow
* a subclass of Thread to override the methods that are used
* to get or set the context class loader for a particular thread.</td>
```

```
* </tr>
*
* <tr>
*   <td>closeClassLoader</td>
*   <td>Closing of a ClassLoader</td>
*   <td>Granting this permission allows code to close any URLClassLoader
* that it has a reference to.</td>
* </tr>
*
* <tr>
*   <td>setSecurityManager</td>
*   <td>Setting of the security manager (possibly replacing an existing one)
* </td>
*   <td>The security manager is a class that allows
* applications to implement a security policy. Granting the setSecurityManager
* permission would allow code to change which security manager is used by
* installing a different, possibly less restrictive security manager,
* thereby bypassing checks that would have been enforced by the original
* security manager.</td>
* </tr>
*
* <tr>
*   <td>createSecurityManager</td>
 *   <td>Creation of a new security manager</td>
*   <td>This gives code access to protected, sensitive methods that may
* disclose information about other classes or the execution stack.</td>
* </tr>
*
* <tr>
*   <td>getenv.{variable name}</td>
*   <td>Reading of the value of the specified environment variable</td>
*   <td>This would allow code to read the value, or determine the
*       existence, of a particular environment variable.  This is
*       dangerous if the variable contains confidential data.</td>
* </tr>
*
* <tr>
*   <td>exitVM.{exit status}</td>
*   <td>Halting of the Java Virtual Machine with the specified exit status</td>
*   <td>This allows an attacker to mount a denial-of-service attack
* by automatically forcing the virtual machine to halt.
* Note: The "exitVM.*" permission is automatically granted to all code
* loaded from the application class path, thus enabling applications
* to terminate themselves. Also, the "exitVM" permission is equivalent
 to
* "exitVM.*".</td>
* </tr>
*
```

```
* <tr>
*   <td>shutdownHooks</td>
*   <td>Registration and cancellation of virtual-machine shutdown hooks</td>
*   <td>This allows an attacker to register a malicious shutdown
* hook that interferes with the clean shutdown of the virtual machine.</td>
* </tr>
*
* <tr>
*   <td>setFactory</td>
*   <td>Setting of the socket factory used by ServerSocket or Socket,
* or of the stream handler factory used by URL</td>
*   <td>This allows code to set the actual implementation
* for the socket, server socket, stream handler, or RMI socket factory.
* An attacker may set a faulty implementation which mangles the data
* stream.</td>
* </tr>
*
* <tr>
*   <td>setIO</td>
*   <td>Setting of System.out, System.in, and System.err</td>
*   <td>This allows changing the value of the standard system streams.
* An attacker may change System.in to monitor and
* steal user input, or may set System.err to a "null" OutputStream,
* which would hide
 any error messages sent to System.err. </td>
* </tr>
*
* <tr>
*   <td>modifyThread</td>
*   <td>Modification of threads, e.g., via calls to Thread
* <tt>interrupt</tt>, <tt>stop</tt>, <tt>suspend</tt>,
* <tt>resume</tt>, <tt>setDaemon</tt>, <tt>setPriority</tt>,
* <tt>setName</tt> and <tt>setUncaughtExceptionHandler</tt>
* methods</td>
* <td>This allows an attacker to modify the behaviour of
* any thread in the system.</td>
* </tr>
*
* <tr>
*   <td>stopThread</td>
*   <td>Stopping of threads via calls to the Thread <code>stop</code>
* method</td>
*   <td>This allows code to stop any thread in the system provided that it is
* already granted permission to access that thread.
* This poses as a threat, because that code may corrupt the system by
* killing existing threads.</td>
* </tr>
*
```

```
* <tr>
*   <td>modifyThreadGroup</td>
*   <td>modification of thread groups, e.g., via calls to ThreadGroup
* <code>destroy</code>, <code>getParent</code>, <code>resume</code>,
 * <code>setDaemon</code>, <code>setMaxPriority</code>, <code>stop</code>,
* and <code>suspend</code> methods</td>
*   <td>This allows an attacker to create thread groups and
* set their run priority.</td>
* </tr>
*
* <tr>
*   <td>getProtectionDomain</td>
*   <td>Retrieval of the ProtectionDomain for a class</td>
*   <td>This allows code to obtain policy information
* for a particular code source. While obtaining policy information
* does not compromise the security of the system, it does give
* attackers additional information, such as local file names for
* example, to better aim an attack.</td>
* </tr>
*
* <tr>
*   <td>getFileSystemAttributes</td>
*   <td>Retrieval of file system attributes</td>
*   <td>This allows code to obtain file system information such as disk usage
*       or disk space available to the caller.  This is potentially dangerous
*       because it discloses information about the system hardware
*       configuration and some information about
 the caller's privilege to
*       write files.</td>
* </tr>
*
* <tr>
*   <td>readFileDescriptor</td>
*   <td>Reading of file descriptors</td>
*   <td>This would allow code to read the particular file associated
*       with the file descriptor read. This is dangerous if the file
*       contains confidential data.</td>
* </tr>
*
* <tr>
*   <td>writeFileDescriptor</td>
*   <td>Writing to file descriptors</td>
*   <td>This allows code to write to a particular file associated
*       with the descriptor. This is dangerous because it may allow
*       malicious code to plant viruses or at the very least, fill up
*       your entire disk.</td>
* </tr>
*
```

```
* <tr>
*   <td>loadLibrary.{library name}</td>
*   <td>Dynamic linking of the specified library</td>
*   <td>It is dangerous to allow an applet permission to load native code
* libraries, because the Java security architecture is not designed to and
* does not prevent malicious behavior at the level of native code.</td>
 * </tr>
*
* <tr>
*   <td>accessClassInPackage.{package name}</td>
*   <td>Access to the specified package via a class loader's
* <code>loadClass</code> method when that class loader calls
* the SecurityManager <code>checkPackageAccess</code> method</td>
*   <td>This gives code access to classes in packages
* to which it normally does not have access. Malicious code
* may use these classes to help in its attempt to compromise
* security in the system.</td>
* </tr>
*
* <tr>
*   <td>defineClassInPackage.{package name}</td>
*   <td>Definition of classes in the specified package, via a class
* loader's <code>defineClass</code> method when that class loader calls
* the SecurityManager <code>checkPackageDefinition</code> method.</td>
*   <td>This grants code permission to define a class
* in a particular package. This is dangerous because malicious
* code with this permission may define rogue classes in
* trusted packages like <code>java.security</code> or <code>java.lang</code>,
 * for example.</td>
* </tr>
*
* <tr>
*   <td>accessDeclaredMembers</td>
*   <td>Access to the declared members of a class</td>
*   <td>This grants code permission to query a class for its public,
* protected, default (package) access, and private fields and/or
* methods. Although the code would have
* access to the private and protected field and method names, it would not
* have access to the private/protected field data and would not be able
* to invoke any private methods. Nevertheless, malicious code
* may use this information to better aim an attack.
* Additionally, it may invoke any public methods and/or access public fields
* in the class.  This could be dangerous if
* the code would normally not be able to invoke those methods and/or
* access the fields  because
* it can't cast the object to the class/interface with those methods
* and fields.
</td>
```

```
* </tr>
* <tr>
*   <td>queuePrintJob</td>
*   <td>Initiation of a print job request</td>
 *   <td>This could print sensitive information to a printer,
* or simply waste paper.</td>
* </tr>
*
* <tr>
*   <td>getStackTrace</td>
*   <td>Retrieval of the stack trace information of another thread.</td>
*   <td>This allows retrieval of the stack trace information of
* another thread.  This might allow malicious code to monitor the
* execution of threads and discover vulnerabilities in applications.</td>
* </tr>
*
* <tr>
*   <td>setDefaultUncaughtExceptionHandler</td>
*   <td>Setting the default handler to be used when a thread
*   terminates abruptly due to an uncaught exception</td>
*   <td>This allows an attacker to register a malicious
*   uncaught exception handler that could interfere with termination
*   of a thread</td>
* </tr>
*
* <tr>
*   <td>preferences</td>
*   <td>Represents the permission required to get access to the
*   java.util.prefs.Preferences implementations user or system root
*   which in turn allows retrieval or update operations
 within the
*   Preferences persistent backing store.) </td>
*   <td>This permission allows the user to read from or write to the
*   preferences backing store if the user running the code has
*   sufficient OS privileges to read/write to that backing store.
*   The actual backing store may reside within a traditional filesystem
*   directory or within a registry depending on the platform OS</td>
* </tr>
*
* <tr>
*   <td>usePolicy</td>
*   <td>Granting this permission disables the Java Plug-In's default
*   security prompting behavior.</td>
*   <td>For more information, refer to Java Plug-In's guides, <a href=
*   "../../../technotes/guides/plugin/developer_guide/security.html">
*   Applet Security Basics</a> and <a href=
*   "../../../technotes/guides/plugin/developer_guide/rsa_how.html#use">
*   usePolicy Permission</a>.</td>
```

```
* </tr>
* </table>
*
* @see java.security.BasicPermission
* @see java.security.Permission
* @see java.security.Permissions
* @see java.security.PermissionCollection
 * @see java.lang.SecurityManager
*
*
* @author Marianne Mueller
* @author Roland Schemers
*/
```

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* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/lang/RuntimePermission.java
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*/
/**
    * Returns an array containing all of the elements in this list in proper
    * sequence (from first to last element).
    *
    * <p>The returned array will be "safe" in that no references to it are
```

```
   * maintained by this list.  (In other words, this method must
   * allocate a new array even if this list is backed by an array).
   * The caller is thus free to modify the returned array.
   *
   * <p>This method acts as bridge between array-based and collection-based
   * APIs.
   *
   * @return an array containing all of the elements in this list in proper
   *         sequence
   * @see Arrays#asList(Object[])
   */
```

Found in path(s):
* /opt/cola/permits/1821444145_1697217423.5253856/0/zulu8-44-0-11-zip/java/util/List.java

1.2402 commons-http-client 3.1.0

1.2402.1 Available under license :

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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/SimpleHttpConnectionManager.java,v 1.23
2004/10/16 22:40:08 mbecke Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
*
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/methods/multipart/FilePartSource.java,v 1.10 2004/04/18 23:51:37 jsdever Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
*
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Found in path(s):
* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/methods/multipart/FilePartSource.java
No license file was found, but licenses were detected in source scan.

```
/*
* $HeadURL:
https://svn.apache.org/repos/asf/jakarta/httpcomponents/oac.hc3x/tags/HTTPCLIENT_3_1/src/java/org/apache/com
mons/httpclient/methods/FileRequestEntity.java $
* $Revision: 486665 $
* $Date: 2006-12-13 15:19:07 +0100 (Wed, 13 Dec 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/methods/FileRequestEntity.java
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/URIException.java,v 1.12 2004/09/30 18:53:20 olegk
Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/URIException.java
No license file was found, but licenses were detected in source scan.

```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/ProxyClient.java,v 1.5 2004/12/20 11:39:04 olegk Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/ProxyClient.java
No license file was found, but licenses were detected in source scan.

/*
* $Header$
* $Revision: 530846 $
* $Date: 2007-04-20 18:18:16 +0200 (Fri, 20 Apr 2007) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/contrib/ssl/SocketFactoryWrapper.java
No license file was found, but licenses were detected in source scan.

```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/HttpClient.java,v 1.98 2004/10/07 16:14:15 olegk Exp $
* $Revision: 509577 $
* $Date: 2007-02-20 15:28:18 +0100 (Tue, 20 Feb 2007) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/HttpClient.java
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/auth/RFC2617Scheme.java,v 1.10 2004/05/13 04:02:00 mbecke Exp $
```

* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/auth/RFC2617Scheme.java
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/*
* $HeadURL: https://svn.apache.org/repos/asf/jakarta/httpcomponents/oac.hc3x/tags/HTTPCLIENT_3_1/src/java/org/apache/commons/httpclient/methods/StringRequestEntity.java $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/ProtocolException.java,v 1.4 2004/05/13 04:03:25 mbecke Exp $
* $Revision: 480424 $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/ProtocolException.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/HttpRecoverableException.java,v 1.15 2004/07/05 22:46:58 olegk Exp $
* $Revision: 480424 $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/HttpRecoverableException.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/params/HttpMethodParams.java,v 1.17 2004/10/06 17:32:04 olegk Exp $
* $Revision: 483949 $
* $Date: 2006-12-08 12:34:50 +0100 (Fri, 08 Dec 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/params/HttpMethodParams.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/util/IdleConnectionHandler.java,v 1.2 2004/05/13 02:40:36 mbecke Exp $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/auth/DigestScheme.java,v 1.22 2004/12/30 11:01:27 oglueck Exp $
* $Revision: 480424 $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/contrib/org/apache/commons/httpclient/contrib/ssl/AuthSSLX509TrustManager.java,v 1.2 2004/06/10 18:25:24 olegk Exp $
* $Revision: 480424 $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
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commons//httpclient/src/java/org/apache/commons/httpclient/methods/ExpectContinueMethod.java,v 1.13 2004/05/08 10:12:08 olegk Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/HostConfiguration.java,v 1.23 2005/01/14 21:16:40 olegk Exp $
* $Revision: 510585 $
* $Date: 2007-02-22 17:52:16 +0100 (Thu, 22 Feb 2007) $
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$HeadURL:https://svn.apache.org/repos/asf/jakarta/commons/proper/httpclient/trunk/src/java/org/apache/commons/
httpclient/cookie/CookieOrigin.java $
* $Revision:400312 $
* $Date:2006-05-06 14:49:41 +0200 (Sat, 06 May 2006) $
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Found in path(s):
* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/cookie/CookieOrigin.java
No license file was found, but licenses were detected in source scan.

```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/params/DefaultHttpParamsFactory.java,v 1.16 2004/11/20 21:48:47 mbecke Exp $
* $Revision: 566065 $
* $Date: 2007-08-15 10:34:30 +0200 (Wed, 15 Aug 2007) $
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Found in path(s):

* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/params/DefaultHttpParamsFactory.java
No license file was found, but licenses were detected in source scan.

```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/params/HostParams.java,v 1.5 2004/10/06 17:32:04 olegk Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/params/HostParams.java
No license file was found, but licenses were detected in source scan.

```
/*
* $HeadURL: https://svn.apache.org/repos/asf/jakarta/httpcomponents/oac.hc3x/tags/HTTPCLIENT_3_1/src/contrib/org/apache/commons/httpclient/contrib/proxy/PluginProxyTestApplet.java $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
```

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Found in path(s):
* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/contrib/proxy/PluginProxyTestApplet.java
No license file was found, but licenses were detected in source scan.

```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/HttpClientError.java,v 1.4 2004/05/13 04:03:25 mbecke Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/HttpClientError.java
No license file was found, but licenses were detected in source scan.

```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/UsernamePasswordCredentials.java,v 1.14 2004/04/18 23:51:35 jsdever Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/params/DefaultHttpParams.java,v 1.9 2004/12/21 23:15:21 olegk Exp $
* $Revision: 510589 $
* $Date: 2007-02-22 18:04:52 +0100 (Thu, 22 Feb 2007) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/params/DefaultHttpParams.java

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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/auth/AuthScope.java,v 1.2 2004/06/23 06:50:25 olegk
Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/auth/AuthScope.java

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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/methods/InputStreamRequestEntity.java,v 1.4
2004/05/17 21:46:03 olegk Exp $
* $Revision: 480424 $
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/*
*
$HeadURL:https://svn.apache.org/repos/asf/jakarta/commons/proper/httpclient/trunk/src/java/org/apache/commons/httpclient/cookie/CookieAttributeHandler.java $
* $Revision:400312 $
* $Date:2006-05-06 14:49:41 +0200 (Sat, 06 May 2006) $
*
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/cookie/CookieAttributeHandler.java
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```
/*
* $Header: /cvsroot/httpc-cookie2/httpc-cookie2/httpcookie2SVN-patch.082805-2100.diff,v 1.1 2005/08/29 05:01:58 sjain700 Exp $
* $Revision:400312 $
* $Date:2006-05-06 14:49:41 +0200 (Sat, 06 May 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/cookie/Cookie2.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/ContentLengthInputStream.java,v 1.12 2004/10/04 22:05:44 olegk Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/ContentLengthInputStream.java

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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/protocol/DefaultProtocolSocketFactory.java,v 1.10
2004/05/13 04:01:22 mbecke Exp $
* $Revision: 480424 $
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/auth/AuthenticationException.java,v 1.6 2004/05/13
04:02:00 mbecke Exp $
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/auth/MalformedChallengeException.java,v 1.6 2004/05/13 04:02:00 mbecke Exp $
* $Revision: 480424 $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/params/HttpParamsFactory.java,v 1.5 2004/05/13 04:01:22 mbecke Exp $
* $Revision: 480424 $
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/cookie/NetscapeDraftSpec.java,v 1.11 2004/05/13 04:02:00 mbecke Exp $
* $Revision: 480424 $
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
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commons//httpclient/src/java/org/apache/commons/httpclient/StatusLine.java,v 1.14 2004/07/19 20:24:21 olegk Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/StatusLine.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/ConnectionPoolTimeoutException.java,v 1.1 2004/07/05 22:46:58 olegk Exp $
* $Revision: 480424 $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/ConnectionPoolTimeoutException.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/protocol/ProtocolSocketFactory.java,v 1.10 2004/05/13 04:01:22 mbecke Exp $
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/methods/multipart/Part.java,v 1.16 2005/01/14 21:16:40 olegk Exp $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/methods/multipart/Part.java
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/protocol/SSLProtocolSocketFactory.java,v 1.10 2004/05/13 04:01:22 mbecke Exp $
* $Revision: 480424 $
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/methods/multipart/PartBase.java,v 1.5 2004/04/18 23:51:37 jsdever Exp $
* $Revision: 480424 $
```

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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/methods/multipart/PartBase.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/NameValuePair.java,v 1.17 2004/04/18 23:51:35 jsdever Exp $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/NameValuePair.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/auth/AuthState.java,v 1.3 2004/11/02 19:39:16 olegk Exp $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/contrib/auth/NegotiateScheme.java

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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/methods/ByteArrayRequestEntity.java,v 1.3
2004/05/13 02:26:08 mbecke Exp $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/methods/ByteArrayRequestEntity.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/cookie/CookieSpec.java,v 1.11 2004/09/14 20:11:31
olegk Exp $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/DefaultMethodRetryHandler.java,v 1.4 2004/07/05 22:46:58 olegk Exp $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/DefaultMethodRetryHandler.java
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```
/*
* $HeadURL:
https://svn.apache.org/repos/asf/jakarta/httpcomponents/oac.hc3x/tags/HTTPCLIENT_3_1/src/contrib/org/apache/commons/httpclient/contrib/proxy/PluginProxyUtil.java $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/NoHttpResponseException.java,v 1.1 2004/07/05 22:46:58 olegk Exp $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/params/HttpConnectionParams.java,v 1.6 2004/09/15
20:32:21 olegk Exp $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/ChunkedOutputStream.java,v 1.16 2004/05/13
04:03:25 mbecke Exp $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/auth/AuthChallengeParser.java,v 1.10 2004/05/13 04:02:00 mbecke Exp $
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/HttpVersion.java,v 1.6 2004/12/20 19:52:50 olegk Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/HttpVersion.java
No license file was found, but licenses were detected in source scan.

/*
* $HeadURL:
https://svn.apache.org/repos/asf/jakarta/httpcomponents/oac.hc3x/tags/HTTPCLIENT_3_1/src/java/org/apache/commons/httpclient/util/ParameterFormatter.java $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/RedirectException.java,v 1.2 2004/04/18 23:51:35 jsdever Exp $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/auth/AuthChallengeProcessor.java,v 1.2 2004/04/18 23:51:36 jsdever Exp $
* $Revision: 480424 $
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/util/TimeoutController.java,v 1.6 2004/04/18 23:51:38 jsdever Exp $
* $Revision: 480424 $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/util/TimeoutController.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/CircularRedirectException.java,v 1.1 2005/01/14 19:40:39 olegk Exp $
* $Revision: 480424 $
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/params/HttpClientParams.java,v 1.7 2004/05/13 04:01:22 mbecke Exp $
* $Revision: 480424 $
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
```

commons//httpclient/src/java/org/apache/commons/httpclient/util/DateParser.java,v 1.11 2004/11/06 19:15:42 mbecke Exp $
* $Revision: 480424 $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/cookie/CookieSpecBase.java,v 1.28 2004/11/06 19:15:42 mbecke Exp $
* $Revision: 480424 $
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/util/EncodingUtil.java,v 1.8 2004/05/13 04:01:22 mbecke Exp $
* $Revision: 480424 $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/ProxyHost.java,v 1.2 2005/01/14 21:16:40 olegk Exp $
* $Revision: 510587 $
* $Date: 2007-02-22 17:56:08 +0100 (Thu, 22 Feb 2007) $
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/HttpHost.java,v 1.3 2005/01/14 21:16:40 olegk Exp $
* $Revision: 510587 $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/methods/PutMethod.java,v 1.26 2004/04/18 23:51:37 jsdever Exp $
* $Revision: 480424 $
```

* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/params/HttpParams.java,v 1.6 2004/05/13 04:01:22 mbecke Exp $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/HttpMethodBase.java,v 1.222 2005/01/14 21:16:40 olegk Exp $
* $Revision: 539441 $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/contrib/org/apache/commons/httpclient/contrib/ssl/EasySSLProtocolSocketFactory.java,v 1.7 2004/06/11 19:26:27 olegk Exp $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/HttpStatus.java,v 1.18 2004/05/02 11:21:13 olegk Exp
$
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/util/DateUtil.java,v 1.2 2004/12/24 20:36:13 olegk
Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
*
```

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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/util/DateUtil.java
No license file was found, but licenses were detected in source scan.

```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/WireLogOutputStream.java,v 1.7 2004/06/24 21:39:52 mbecke Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/WireLogOutputStream.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/util/IdleConnectionTimeoutThread.java,v 1.2 2004/05/13 02:40:36 mbecke Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/util/IdleConnectionTimeoutThread.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/HttpsURL.java,v 1.11 2004/09/30 17:26:41 oglueck Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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No license file was found, but licenses were detected in source scan.

```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/AutoCloseInputStream.java,v 1.9 2004/04/18 23:51:34
jsdever Exp $
* $Revision: 505890 $
* $Date: 2007-02-11 12:25:25 +0100 (Sun, 11 Feb 2007) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/AutoCloseInputStream.java
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/methods/multipart/MultipartRequestEntity.java,v 1.1
2004/10/06 03:39:59 mbecke Exp $
* $Revision: 502647 $
* $Date: 2007-02-02 17:22:54 +0100 (Fri, 02 Feb 2007) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/methods/multipart/MultipartRequestEntity.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/contrib/org/apache/commons/httpclient/contrib/methods/multipart/ContentTypeFilePart.java,v 1.2 2004/02/22 18:08:45 olegk Exp $
* $Revision: 480424 $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/contrib/methods/multipart/ContentTypeFilePart.java
No license file was found, but licenses were detected in source scan.

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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/methods/multipart/StringPart.java,v 1.11 2004/04/18 23:51:37 jsdever Exp $
* $Revision: 480424 $
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No license file was found, but licenses were detected in source scan.

/*
* $HeadURL:
https://svn.apache.org/repos/asf/jakarta/httpcomponents/oac.hc3x/tags/HTTPCLIENT_3_1/src/java/org/apache/commons/httpclient/cookie/RFC2965Spec.java $
* $Revision: 507134 $
* $Date: 2007-02-13 19:18:05 +0100 (Tue, 13 Feb 2007) $
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* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/protocol/ReflectionSocketFactory.java,v 1.4 2004/12/21 23:15:21 olegk Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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/*
* $HeadURL: https://svn.apache.org/repos/asf/jakarta/httpcomponents/oac.hc3x/tags/HTTPCLIENT_3_1/src/contrib/org/apache/commons/httpclient/contrib/proxy/ProxyDetectionException.java $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/contrib/org/apache/commons/httpclient/contrib/ssl/AuthSSLProtocolSocketFactory.java,v 1.2 2004/06/10 18:25:24 olegk Exp $
* $Revision: 514390 $
* $Date: 2007-03-04 13:37:15 +0100 (Sun, 04 Mar 2007) $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/auth/AuthScheme.java,v 1.12 2004/05/13 04:02:00 mbecke Exp $
* $Revision: 480424 $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/methods/RequestEntity.java,v 1.4 2004/05/17
21:46:03 olegk Exp $
* $Revision: 480424 $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/methods/EntityEnclosingMethod.java,v 1.39
```

2004/07/03 14:27:03 olegk Exp $
* $Revision: 480424 $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/MultiThreadedHttpConnectionManager.java,v 1.47 2004/12/21 11:27:55 olegk Exp $
* $Revision: 564906 $
* $Date: 2007-08-11 14:27:18 +0200 (Sat, 11 Aug 2007) $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/HttpException.java,v 1.19 2004/09/30 18:53:20 olegk Exp $
* $Revision: 480424 $
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Found in path(s):
* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/HttpException.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/auth/NTLMScheme.java,v 1.21 2004/05/13 04:02:00 mbecke Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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*/
/** An implementation of the Microsoft proprietary NTLM authentication scheme. For a detailed
* explanation of the NTLM scheme please see <a href="http://davenport.sourceforge.net/ntlm.html">

```
* http://davenport.sourceforge.net/ntlm.html</a>.
*
* @author <a href="mailto:remm@apache.org">Remy Maucherat</a>
* @author Rodney Waldhoff
* @author <a href="mailto:jsdever@apache.org">Jeff Dever</a>
* @author Ortwin Gl???ck
* @author Sean C. Sullivan
 * @author <a href="mailto:adrian@ephox.com">Adrian Sutton</a>
* @author <a href="mailto:mbowler@GargoyleSoftware.com">Mike Bowler</a>
* @author <a href="mailto:oleg@ural.ru">Oleg Kalnichevski</a>
*/
```

Found in path(s):
* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/auth/NTLMScheme.java
No license file was found, but licenses were detected in source scan.

```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/auth/BasicScheme.java,v 1.17 2004/05/13 04:02:00 mbecke Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-
jar/org/apache/commons/httpclient/auth/BasicScheme.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/auth/HttpAuthenticator.java,v 1.19 2004/10/06
17:32:04 olegk Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-
jar/org/apache/commons/httpclient/auth/HttpAuthenticator.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/contrib/org/apache/commons/httpclient/contrib/ssl/StrictSSLProtocolSocketFactory.java,v
```

1.5 2004/06/10 18:25:24 olegk Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/contrib/ssl/StrictSSLProtocolSocketFactory.java

No license file was found, but licenses were detected in source scan.

```
/*
* $HeadURL:
https://svn.apache.org/repos/asf/jakarta/httpcomponents/oac.hc3x/tags/HTTPCLIENT_3_1/src/contrib/org/apache/c
ommons/httpclient/contrib/benchmark/HttpBenchmark.java $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/contrib/benchmark/HttpBenchmark.java
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/auth/InvalidCredentialsException.java,v 1.4
2004/05/13 04:02:00 mbecke Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/auth/InvalidCredentialsException.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/methods/multipart/PartSource.java,v 1.6 2004/04/18 23:51:37 jsdever Exp $
* $Revision: 480424 $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/methods/multipart/PartSource.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/cookie/CookiePolicy.java,v 1.15 2004/09/14 20:11:31 olegk Exp $
* $Revision: 480424 $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/cookie/CookiePolicy.java
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/*
* $HeadURL:
https://svn.apache.org/repos/asf/jakarta/httpcomponents/oac.hc3x/tags/HTTPCLIENT_3_1/src/java/org/apache/commons/httpclient/URI.java $
* $Revision: 564973 $
* $Date: 2007-08-11 22:51:47 +0200 (Sat, 11 Aug 2007) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/URI.java
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
```

commons//httpclient/src/java/org/apache/commons/httpclient/ChunkedInputStream.java,v 1.24 2004/10/10 15:18:55 olegk Exp $
* $Revision: 480424 $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/auth/CredentialsProvider.java,v 1.6 2004/07/05 22:46:59 olegk Exp $
* $Revision: 480424 $
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/protocol/ControllerThreadSocketFactory.java,v 1.2 2004/04/18 23:51:38 jsdever Exp $
* $Revision: 480424 $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/auth/CredentialsNotAvailableException.java,v 1.4 2004/05/13 04:02:00 mbecke Exp $
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/util/DateParseException.java,v 1.5 2004/11/06 19:15:42 mbecke Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/util/ExceptionUtil.java,v 1.5 2004/10/19 18:09:46 olegk Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/HttpMethodDirector.java,v 1.34 2005/01/14 19:40:39 olegk Exp $
* $Revision: 486658 $
* $Date: 2006-12-13 15:05:50 +0100 (Wed, 13 Dec 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/HttpMethodDirector.java
No license file was found, but licenses were detected in source scan.

```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/HttpConstants.java,v 1.15 2004/04/18 23:51:35 jsdever Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/HttpConstants.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/Header.java,v 1.17 2004/09/15 20:42:17 olegk Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/Header.java

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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/WireLogInputStream.java,v 1.15 2004/06/24 21:39:52
mbecke Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/WireLogInputStream.java

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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/methods/multipart/ByteArrayPartSource.java,v 1.7
2004/04/18 23:51:37 jsdever Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/methods/multipart/ByteArrayPartSource.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/NTCredentials.java,v 1.10 2004/04/18 23:51:35 jsdever Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/NTCredentials.java
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/cookie/RFC2109Spec.java,v 1.21 2004/06/05 16:49:20 olegk Exp $
* $Revision: 507134 $
* $Date: 2007-02-13 19:18:05 +0100 (Tue, 13 Feb 2007) $
*
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/cookie/RFC2109Spec.java
No license file was found, but licenses were detected in source scan.

/*
* $Header$
* $Revision:400312 $
* $Date:2006-05-06 14:49:41 +0200 (Sat, 06 May 2006) $
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Found in path(s):
* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/cookie/CookiePathComparator.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/auth/NTLM.java,v 1.11 2004/05/13 04:02:00 mbecke

```
Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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*/
/**
* Provides an implementation of the NTLM authentication protocol.
* <p>
* This class provides methods for generating authentication
* challenge responses for the NTLM authentication protocol.  The NTLM
* protocol is a proprietary Microsoft protocol and as such no RFC
* exists for it.  This class is based upon the reverse engineering
* efforts of a wide range of people.</p>
*
* <p>Please note that an implementation of JCE must be correctly installed
 and configured when
* using NTLM support.</p>
*
* <p>This class should not be used externally to HttpClient as it's API is specifically
* designed to work with HttpClient's use case, in particular it's connection management.</p>
*
* @author <a href="mailto:adrian@ephox.com">Adrian Sutton</a>
* @author <a href="mailto:jsdever@apache.org">Jeff Dever</a>
* @author <a href="mailto:mbowler@GargoyleSoftware.com">Mike Bowler</a>
```

```
*
* @version $Revision: 480424 $ $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
* @since 3.0
*/
```

Found in path(s):
* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/auth/NTLM.java
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/Cookie.java,v 1.44 2004/06/05 16:49:20 olegk Exp $
* $Revision: 531354 $
* $Date: 2007-04-23 08:53:20 +0200 (Mon, 23 Apr 2007) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/Cookie.java
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```
/*
```

```
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/cookie/MalformedCookieException.java,v 1.8
2004/05/13 04:02:00 mbecke Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/auth/AuthSchemeBase.java,v 1.7 2004/04/18 23:51:36
jsdever Exp $
* $Revision: 480424 $
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/Credentials.java,v 1.9 2004/04/18 23:51:34 jsdever Exp $
* $Revision: 480424 $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/auth/HttpAuthRealm.java,v 1.9 2004/06/12 22:47:23 olegk Exp $
* $Revision: 480424 $
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/protocol/SecureProtocolSocketFactory.java,v 1.6 2004/04/18 23:51:38 jsdever Exp $
```

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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/ConnectTimeoutException.java,v 1.5 2004/07/05 22:46:58 olegk Exp $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/protocol/Protocol.java,v 1.10 2004/04/18 23:51:38 jsdever Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/protocol/Protocol.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/HttpConnection.java,v 1.107 2005/01/14 21:30:59 olegk Exp $
* $Revision: 480424 $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-

jar/org/apache/commons/httpclient/HttpConnection.java
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* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/cookie/CookieVersionSupport.java
* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/methods/TraceMethod.java
* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/contrib/auth/CustomAuthenticationNegotiateExample.java
No license file was found, but licenses were detected in source scan.

```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/HttpURL.java,v 1.18 2004/09/30 17:26:41 oglueck Exp $
* $Revision: 507324 $
```

* $Date: 2007-02-14 01:12:11 +0100 (Wed, 14 Feb 2007) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/HttpURL.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/cookie/IgnoreCookiesSpec.java,v 1.6 2004/09/14 20:11:31 olegk Exp $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/cookie/IgnoreCookiesSpec.java
No license file was found, but licenses were detected in source scan.

/*
* $HeadURL:
https://svn.apache.org/repos/asf/jakarta/httpcomponents/oac.hc3x/tags/HTTPCLIENT_3_1/src/contrib/org/apache/commons/httpclient/contrib/benchmark/BenchmarkWorker.java $
* $Revision: 480424 $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/methods/DeleteMethod.java,v 1.14 2004/04/18 23:51:37 jsdever Exp $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-

jar/org/apache/commons/httpclient/methods/DeleteMethod.java
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/HttpMethod.java,v 1.43 2004/10/07 16:14:15 olegk
Exp $
* $Revision: 480424 $
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jar/org/apache/commons/httpclient/HttpMethod.java
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/methods/HeadMethod.java,v 1.29 2004/06/13
20:22:19 olegk Exp $
* $Revision: 480424 $
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/util/ParameterParser.java,v 1.5 2004/05/13 04:01:22 mbecke Exp $
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/*
* $HeadURL:
https://svn.apache.org/repos/asf/jakarta/httpcomponents/oac.hc3x/tags/HTTPCLIENT_3_1/src/java/org/apache/commons/httpclient/util/LangUtils.java $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/methods/MultipartPostMethod.java,v 1.27 2004/10/06 03:39:59 mbecke Exp $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/auth/AuthChallengeException.java,v 1.2 2004/04/18
23:51:36 jsdever Exp $
* $Revision: 480424 $
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* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-

commons//httpclient/src/java/org/apache/commons/httpclient/HttpConnectionManager.java,v 1.24 2004/07/05 22:46:58 olegk Exp $
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/*
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Found in path(s):
* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/util/URIUtil.java
No license file was found, but licenses were detected in source scan.

/*
* $HeadURL:
https://svn.apache.org/repos/asf/jakarta/httpcomponents/oac.hc3x/tags/HTTPCLIENT_3_1/src/contrib/org/apache/commons/httpclient/contrib/benchmark/Stats.java $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/contrib/benchmark/Stats.java
No license file was found, but licenses were detected in source scan.

```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/ConnectMethod.java,v 1.29 2004/06/24 21:39:52 mbecke Exp $
* $Revision: 483949 $
* $Date: 2006-12-08 12:34:50 +0100 (Fri, 08 Dec 2006) $
*
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/ConnectMethod.java
No license file was found, but licenses were detected in source scan.

```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/auth/AuthPolicy.java,v 1.6 2004/05/13 04:02:00 mbecke Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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*
*/
/**
* Authentication policy class. The Authentication policy provides corresponding
* authentication scheme interfrace for a given type of authorization challenge.
* <p>The following specifications are provided:
*  <ul>
*   <li><tt>Basic</tt>: Basic authentication scheme as defined in RFC2617
*          (considered inherently insecure, but most widely supported)
*   <li><tt>Digest</tt>: Digest authentication scheme as defined in RFC2617
*   <li><tt>NTLM</tt>:
```

The NTLM scheme is a proprietary Microsoft Windows
* Authentication protocol (considered to be the most secure among
* currently supported authentication schemes)
*
*
* @author Oleg Kalnichevski
*
* @version $Revision: 480424 $
* @since 3.0
*/
/**
* The NTLM scheme is a proprietary Microsoft Windows Authentication
* protocol (considered to be the most secure among currently supported
* authentication schemes).
*/

Found in path(s):
* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/auth/AuthPolicy.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/methods/GetMethod.java,v 1.29 2004/06/13 20:22:19 olegk Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/methods/GetMethod.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/ResponseConsumedWatcher.java,v 1.5 2004/04/18 23:51:35 jsdever Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/ResponseConsumedWatcher.java

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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/HttpMethodRetryHandler.java,v 1.2 2004/09/14
20:11:31 olegk Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/HttpMethodRetryHandler.java
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/Wire.java,v 1.9 2004/06/24 21:39:52 mbecke Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/Wire.java
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/MethodRetryHandler.java,v 1.5 2004/07/05 22:46:58 olegk Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/MethodRetryHandler.java
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/contrib/org/apache/commons/httpclient/contrib/ssl/AuthSSLInitializationError.java,v 1.2 2004/06/10 18:25:24 olegk Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/methods/multipart/FilePart.java,v 1.19 2004/04/18
23:51:37 jsdever Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
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jar/org/apache/commons/httpclient/methods/multipart/FilePart.java
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-
commons//httpclient/src/java/org/apache/commons/httpclient/DefaultHttpMethodRetryHandler.java,v 1.3
```

2004/12/20 11:47:46 olegk Exp $
* $Revision: 480424 $
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* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/HttpParser.java,v 1.13 2005/01/11 13:57:06 oglueck Exp $
* $Revision: 533405 $
* $Date: 2007-04-28 20:19:29 +0200 (Sat, 28 Apr 2007) $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/params/HttpConnectionManagerParams.java,v 1.9 2004/09/13 16:25:20 olegk Exp $
* $Revision: 480424 $
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/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/HeaderGroup.java,v 1.8 2004/05/13 04:03:25 mbecke Exp $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/HeaderGroup.java
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/methods/PostMethod.java,v 1.58 2004/08/08 12:50:09 olegk Exp $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/methods/PostMethod.java
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/HeaderElement.java,v 1.23 2004/05/13 04:03:25 mbecke Exp $
* $Revision: 480424 $
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/methods/OptionsMethod.java,v 1.15 2004/04/18 23:51:37 jsdever Exp $
* $Revision: 480424 $
* $Date: 2006-11-29 06:56:49 +0100 (Wed, 29 Nov 2006) $
*
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```
/*
* $Header: /home/jerenkrantz/tmp/commons/commons-convert/cvs/home/cvs/jakarta-commons//httpclient/src/java/org/apache/commons/httpclient/HttpState.java,v 1.38 2004/12/20 11:50:54 olegk Exp $
* $Revision: 561099 $
* $Date: 2007-07-30 21:41:17 +0200 (Mon, 30 Jul 2007) $
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* /opt/cola/permits/1821444179_1697217432.753705/0/commons-httpclient-3-1-0-sources-2-jar/org/apache/commons/httpclient/HttpState.java

1.2403 jdk-zulu 8.68.0.21

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1.2405 grpc-go 1.56.3

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1.2406 x-net 0.17.0

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1.2407 oras.land-oras-go 1.2.4

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name: License Checker

on:
 push:
  branches:
   - main
   - release-*
 pull_request:
```

```
  branches:
    - main
    - release-*

permissions:
 contents: write
 pull-requests: write

jobs:
 check-license:
   runs-on: ubuntu-latest
   steps:
     - name: Checkout
       uses: actions/checkout@v4
     - name: Check license header
       uses: apache/skywalking-eyes/header@v0.5.0
       with:
         mode:
 check
         config: .github/licenserc.yml
     - name: Check dependencies license
       uses: apache/skywalking-eyes/dependency@v0.5.0
       with:
         config: .github/licenserc.yml
```

1.2408 libcap 2.32-1

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Bnd-LastModified: 1695799258578
Bundle-ActivationPolicy: lazy
Bundle-Activator: org.xerial.snappy.SnappyBundleActivator
Bundle-Description: snappy-java: A fast compression/decompression libr
ary
Bundle-DocURL: http://www.xerial.org/
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-ManifestVersion: 2
Bundle-Name: snappy-java: A fast compression/decompression library
Bundle-NativeCode: org/xerial/snappy/native/Windows/x86_64/snappyjava.
dll;osname=win32;processor=x86-64,org/xerial/snappy/native/Windows/x8
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s;processor=x86,org/xerial/snappy/native/SunOS/x86_64/libsnappyjava.s
o;osname=sunos;processor=x86-64,org/xerial/snappy/native/SunOS/sparc/
libsnappyjava.so;osname=sunos;processor=sparc
Bundle-SymbolicName: org.xerial.snappy.snappy-java
Bundle-Vendor: xerial.org
Bundle-Version: 1.1.10.5
Created-By: 11.0.20 (Azul Systems, Inc.)
Export-Package: org.xerial.snappy;uses:="org.osgi.framework,org.xerial
.snappy.buffer,org.xerial.snappy.pool";version="1.1.10",org.xerial.sn
appy.buffer;version="1.1.10",org.xerial.snappy.pool;version="1.1.10"
Implementation-Title: snappy-java
```

Implementation-URL: https://github.com/xerial/snappy-java
Implementation-Vendor: xerial.org
Implementation-Vendor-Id: org.xerial.snappy
Implementation-Version: 1.1.10.5
Import-Package: org.osgi.framework;version="[1.5,2)"
Private-Package:
 org.xerial.snappy.native.AIX.ppc,org.xerial.snappy.na
tive.AIX.ppc64,org.xerial.snappy.native.FreeBSD.x86_64,org.xerial.sna
ppy.native.Linux.aarch64,org.xerial.snappy.native.Linux.android-aarch
64,org.xerial.snappy.native.Linux.android-arm,org.xerial.snappy.nativ
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.xerial.snappy.native.Linux.x86,org.xerial.snappy.native.Linux.x86_64
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arch64,org.xerial.snappy.native.Windows.x86,org.xerial.snappy.native.
Windows.x86_64
Require-Capability:
 osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.7))"
Specification-Title: snappy-java
Specification-Vendor: xerial.org
Specification-Version: 1.1.10.5
Tool: Bnd-5.1.2.202007211702

Found in path(s):
* /opt/cola/permits/1825539415_1697666805.4214594/0/snappy-java-1-1-10-5-jar/META-INF/MANIFEST.MF

1.2410 lz4 1.9.3

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1.2411 lz4 1.5.2

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1.2414 urllib3 1.26.18

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This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities
(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:
http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
an Apache+mod_ssl webserver for SSL client authentication.
Just configure this file as the SSLCACertificateFile.#

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@(#) $RCSfile: certdata.txt,v $

$Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $

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A. HISTORY OF THE SOFTWARE
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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
Foundation (PSF, see http://www.python.org/psf/) was formed, a
non-profit organization created specifically to own Python-related
Intellectual Property. Zope Corporation is a sponsoring member
of
the PSF.

All Python releases are Open Source (see http://www.opensource.org for
the Open Source Definition). Historically, most, but not all, Python
releases have also been GPL-compatible; the table below summarizes
the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1	2010	PSF	yes
3.2	3.1	2010	PSF	yes

Footnotes:

(1) GPL-compatible doesn't mean that we're distributing Python under
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other software that is released under the GPL; the others don't.

(2) According to Richard Stallman, 1.6.1 is not GPL-compatible,
because its license has a choice of law clause. According to
CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1
is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's
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Eclipse

The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by
Unix systems for simple password protection. Copyright 1996 Aki Yoshida,
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1.2418 python-pip 20.0.2

1.2418.1 Available under license :

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team.
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Release	Derived from	Year	Owner	GPL-compatible? (1)
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes

3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1.1	2010	PSF	yes
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3.1.4	3.1.3	2011	PSF	yes
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A. HISTORY OF THE SOFTWARE
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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
Foundation (PSF, see http://www.python.org/psf/) was formed, a
non-profit organization created specifically to own Python-related

Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3				
2.1.2		2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes

3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1	2010	PSF	yes
3.2	3.1	2010	PSF	yes

Footnotes:

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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1.2421 python-setuptools 44.0.0

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1.2423 supervisor 4.2.5

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1.2425 pycryptodome 3.14.1

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1.2427 python-certifi 2021.10.08

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Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities
(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:
http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
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@(#) $RCSfile: certdata.txt,v $
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1.2428 lz4 1.2.13

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1.2429 python-ldap 3.4.0

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1.2430 jetty 9.4.18.v20190429

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* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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* java.sun.security.ssl

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org.ow2.asm:asm-commons
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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

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org.eclipse.jetty.toolchain:jetty-schemas

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* /opt/cola/permits/1826703076_1697786600.4966497/0/zookeeper-jute-3-8-3-sources-jar/org/apache/jute/compiler/JFloat.java
* /opt/cola/permits/1826703076_1697786600.4966497/0/zookeeper-jute-3-8-3-sources-jar/org/apache/jute/Index.java
* /opt/cola/permits/1826703076_1697786600.4966497/0/zookeeper-jute-3-8-3-sources-jar/org/apache/jute/Utils.java
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jar/org/apache/jute/compiler/JMap.java
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* /opt/cola/permits/1826703076_1697786600.4966497/0/zookeeper-jute-3-8-3-sources-jar/org/apache/jute/compiler/JField.java
* /opt/cola/permits/1826703076_1697786600.4966497/0/zookeeper-jute-3-8-3-sources-jar/org/apache/jute/compiler/CppGenerator.java
* /opt/cola/permits/1826703076_1697786600.4966497/0/zookeeper-jute-3-8-3-sources-jar/org/apache/jute/RecordReader.java
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/opt/cola/permits/1826703076_1697786600.4966497/0/zookeeper-jute-3-8-3-sources-jar/org/apache/jute/compiler/JFile.java
* /opt/cola/permits/1826703076_1697786600.4966497/0/zookeeper-jute-3-8-3-sources-jar/org/apache/jute/InputArchive.java
* /opt/cola/permits/1826703076_1697786600.4966497/0/zookeeper-jute-3-8-3-sources-jar/org/apache/jute/Record.java
* /opt/cola/permits/1826703076_1697786600.4966497/0/zookeeper-jute-3-8-3-sources-jar/org/apache/jute/compiler/JBoolean.java
* /opt/cola/permits/1826703076_1697786600.4966497/0/zookeeper-jute-3-8-3-sources-jar/org/apache/jute/compiler/JDouble.java
* /opt/cola/permits/1826703076_1697786600.4966497/0/zookeeper-jute-3-8-3-sources-jar/org/apache/jute/compiler/JVector.java
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* /opt/cola/permits/1826703076_1697786600.4966497/0/zookeeper-jute-3-8-3-sources-jar/org/apache/jute/compiler/CGenerator.java
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* /opt/cola/permits/1826703076_1697786600.4966497/0/zookeeper-jute-3-8-3-sources-jar/org/apache/jute/OutputArchive.java
* /opt/cola/permits/1826703076_1697786600.4966497/0/zookeeper-jute-3-8-3-sources-jar/org/apache/jute/compiler/JBuffer.java
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* /opt/cola/permits/1826703076_1697786600.4966497/0/zookeeper-jute-3-8-3-sources-jar/org/apache/jute/compiler/JRecord.java
* /opt/cola/permits/1826703076_1697786600.4966497/0/zookeeper-jute-3-8-3-sources-jar/org/apache/jute/RecordWriter.java
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* /opt/cola/permits/1826703076_1697786600.4966497/0/zookeeper-jute-3-8-3-sources-jar/org/apache/zookeeper/txn/ErrorTxn.java
* /opt/cola/permits/1826703076_1697786600.4966497/0/zookeeper-jute-3-8-3-sources-jar/org/apache/zookeeper/proto/GetAllChildrenNumberResponse.java
* /opt/cola/permits/1826703076_1697786600.4966497/0/zookeeper-jute-3-8-3-sources-jar/org/apache/zookeeper/proto/SetACLRequest.java
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* /opt/cola/permits/1826703076_1697786600.4966497/0/zookeeper-jute-3-8-3-sources-jar/org/apache/zookeeper/proto/AddWatchRequest.java
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* /opt/cola/permits/1826703076_1697786600.4966497/0/zookeeper-jute-3-8-3-sources-jar/org/apache/zookeeper/proto/Create2Response.java
*
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* /opt/cola/permits/1826703076_1697786600.4966497/0/zookeeper-jute-3-8-3-sources-jar/org/apache/zookeeper/proto/SetSASLResponse.java
* /opt/cola/permits/1826703076_1697786600.4966497/0/zookeeper-jute-3-8-3-sources-jar/org/apache/zookeeper/txn/SetMaxChildrenTxn.java
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* /opt/cola/permits/1826703076_1697786600.4966497/0/zookeeper-jute-3-8-3-sources-jar/org/apache/zookeeper/proto/CreateRequest.java
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* /opt/cola/permits/1826703076_1697786600.4966497/0/zookeeper-jute-3-8-3-sources-jar/org/apache/jute/compiler/generated/SimpleCharStream.java
* /opt/cola/permits/1826703076_1697786600.4966497/0/zookeeper-jute-3-8-3-sources-jar/org/apache/jute/compiler/generated/Token.java
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* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/controller/ZooKeeperServerController.java
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* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/util/MessageTracker.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/controller/ControllerService.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/watch/WatcherModeManager.java
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 /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/watch/WatchesPathReport.java
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jar/org/apache/zookeeper/Transaction.java
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* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/MultiResponse.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/ZooKeeperServerConf.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/admin/CommandResponse.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/Op.java
*
 /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/MultiOperationRecord.java
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* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/NodeHashMap.java
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* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/quorum/LearnerSyncThrottler.java
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* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/SaslClientCallbackHandler.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/quorum/flexible/QuorumHierarchical.java
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* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/UnimplementedRequestProcessor.java
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* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/metrics/impl/DefaultMetricsProvider.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/quorum/LearnerHandler.java
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/opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/cli/CliWrapperException.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/metrics/Gauge.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/quorum/auth/SaslQuorumAuthLearner.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/client/HostProvider.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/quorum/Learner.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/common/FileChangeWatcher.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/KeeperException.java
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/opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/quorum/FollowerMXBean.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-

jar/org/apache/zookeeper/server/quorum/QuorumBean.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/ServerAdminClient.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/quorum/LearnerSender.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/quorum/auth/SaslQuorumServerCallbackHandler.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/quorum/ReadOnlyZooKeeperServer.java
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* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/quorum/QuorumPeerMain.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/metrics/GaugeSet.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/SessionTracker.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/persistence/FileTxnSnapLog.java
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* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/command/StatResetCommand.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/command/FourLetterCommands.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/cli/CliException.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/quorum/UpgradeableSessionTracker.java
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* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/common/SSLContextAndOptions.java
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* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/quorum/FastLeaderElection.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/CreateOptions.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/quorum/CommitProcessor.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/common/KeyStoreLoader.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/StatsTrack.java
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* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/ZooKeeperServerMain.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/ReferenceCountedACLCache.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/watch/WatchManager.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/common/AtomicFileOutputStream.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/auth/ProviderRegistry.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/watch/WatcherCleaner.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/common/X509Util.java
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* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/auth/KeyAuthenticationProvider.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/util/ConfigUtils.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/admin/CommandBase.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/quorum/ServerBean.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/quorum/LeaderMXBean.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/audit/ZKAuditProvider.java
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 /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/persistence/TxnLogToolkit.java
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Found in path(s):
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/ContainerManager.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/EphemeralTypeEmulate353.java
* /opt/cola/permits/1826703069_1697786603.4745054/0/zookeeper-3-8-3-sources-jar/org/apache/zookeeper/server/EphemeralType.java

1.2433 jetty-client 9.4.52.v20230823

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* org.eclipse.jetty.orbit:javax.security.auth.message

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* org.eclipse.jetty.orbit:javax.mail.glassfish

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

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* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
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http://openjdk.java.net/legal/gplv2+ce.html

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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 org.apache.tomcat:tomcat-jasper
 org.apache.tomcat:tomcat-juli
 org.apache.tomcat:tomcat-jsp-api
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 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-api
 org.apache.tomcat:tomcat-util-scan
 org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-el-api

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org.eclipse.jetty.toolchain:jetty-schemas

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jQuery UI v1.13.2

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Ext headers       GL/glext.h            Khronos
                  GL/glxext.h           Khronos
```

GL/wglext.h Khronos
KHR/khrplatform.h Khronos

****

---
include/GL/gl.h :

Mesa 3-D
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## libpng v1.6.40

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/opt/cola/permits/1827301020_1697881535.137695/0/proto-google-common-protos-2-22-0-jar/google/api/system_parameter.proto
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* /opt/cola/permits/1827301020_1697881535.137695/0/proto-google-common-protos-2-22-0-jar/google/api/service.proto

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1.2437 google-uuid 1.3.0

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1.2440 go-multierror 1.1.1

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1.2444 google-go-cmp 0.6.0

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1.2445 kube-openapi 0.0.0-20231010175941-2dd684a91f00

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package spec

// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
 Name string `json:"name,omitempty"`
 URL  string `json:"url,omitempty"`
}
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package spec

import "testing"

func TestIntegrationLicense(t *testing.T) {
 license := License{Name: "the name", URL: "the url"}
 const licenseJSON = `{"name":"the name","url":"the url"}`
 const licenseYAML = "name: the name\nurl: the url\n"

 assertSerializeJSON(t, license, licenseJSON)
 assertParsesJSON(t, licenseJSON, license)
}
```

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1.2446 utils 0.0.0-20230406110748-d93618cff8a2

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1.2447 openssl 1.1.1f-1ubuntu2.20

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/opt/cola/permits/1833197682_1698356515.304526/0/jaxb-api-2-2-11-sources-5-jar/javax/xml/bind/annotation/XmlEnumValue.java
* /opt/cola/permits/1833197682_1698356515.304526/0/jaxb-api-2-2-11-sources-5-jar/javax/xml/bind/annotation/adapters/HexBinaryAdapter.java
* /opt/cola/permits/1833197682_1698356515.304526/0/jaxb-api-2-2-11-sources-5-jar/javax/xml/bind/annotation/XmlRegistry.java
* /opt/cola/permits/1833197682_1698356515.304526/0/jaxb-api-2-2-11-sources-5-jar/javax/xml/bind/annotation/XmlNsForm.java
* /opt/cola/permits/1833197682_1698356515.304526/0/jaxb-api-2-2-11-sources-5-jar/javax/xml/bind/annotation/XmlValue.java
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* /opt/cola/permits/1833197682_1698356515.304526/0/jaxb-api-2-2-11-sources-5-

jar/javax/xml/bind/JAXBPermission.java
* /opt/cola/permits/1833197682_1698356515.304526/0/jaxb-api-2-2-11-sources-5-jar/javax/xml/bind/WhiteSpaceProcessor.java

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* /opt/cola/permits/1834389539_1698443061.9509535/0/spring-security-web-3-0-6-release-sources-4-jar/org/springframework/security/web/authentication/DelegatingAuthenticationEntryPoint.java
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* /opt/cola/permits/1834389539_1698443061.9509535/0/spring-security-web-3-0-6-release-sources-4-

jar/org/springframework/security/web/session/HttpSessionDestroyedEvent.java
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/opt/cola/permits/1834389539_1698443061.9509535/0/spring-security-web-3-0-6-release-sources-4-jar/org/springframework/security/web/authentication/RememberMeServices.java
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* /opt/cola/permits/1834389539_1698443061.9509535/0/spring-security-web-3-0-6-release-sources-4-jar/org/springframework/security/web/authentication/rememberme/TokenBasedRememberMeServices.java
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* /opt/cola/permits/1834389539_1698443061.9509535/0/spring-security-web-3-0-6-release-sources-4-jar/org/springframework/security/web/savedrequest/SavedRequestAwareWrapper.java
* /opt/cola/permits/1834389539_1698443061.9509535/0/spring-security-web-3-0-6-release-sources-4-jar/org/springframework/security/web/PortResolver.java
* /opt/cola/permits/1834389539_1698443061.9509535/0/spring-security-web-3-0-6-release-sources-4-jar/org/springframework/security/web/access/channel/ChannelDecisionManagerImpl.java
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* /opt/cola/permits/1834389539_1698443061.9509535/0/spring-security-web-3-0-6-release-sources-4-jar/org/springframework/security/web/access/channel/ChannelProcessor.java
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* /opt/cola/permits/1834389539_1698443061.9509535/0/spring-security-web-3-0-6-release-sources-4-jar/org/springframework/security/web/session/HttpSessionEventPublisher.java
* /opt/cola/permits/1834389539_1698443061.9509535/0/spring-security-web-3-0-6-release-sources-4-jar/org/springframework/security/web/context/HttpSessionContextIntegrationFilter.java
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* /opt/cola/permits/1834389539_1698443061.9509535/0/spring-security-web-3-0-6-release-sources-4-jar/org/springframework/security/web/authentication/WebAuthenticationDetails.java
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* /opt/cola/permits/1834389539_1698443061.9509535/0/spring-security-web-3-0-6-release-sources-4-jar/org/springframework/security/web/authentication/UsernamePasswordAuthenticationFilter.java
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* /opt/cola/permits/1834918607_1698521147.801413/0/jetty-servlet-9-0-2-v20130417-sources-1-jar/org/eclipse/jetty/servlet/jmx/HolderMBean.java
* /opt/cola/permits/1834918607_1698521147.801413/0/jetty-servlet-9-0-2-v20130417-sources-1-jar/org/eclipse/jetty/servlet/ServletTester.java
* /opt/cola/permits/1834918607_1698521147.801413/0/jetty-servlet-9-0-2-v20130417-sources-1-jar/org/eclipse/jetty/servlet/FilterMapping.java
* /opt/cola/permits/1834918607_1698521147.801413/0/jetty-servlet-9-0-2-v20130417-sources-1-jar/org/eclipse/jetty/servlet/ServletContextHandler.java
* /opt/cola/permits/1834918607_1698521147.801413/0/jetty-servlet-9-0-2-v20130417-sources-1-jar/org/eclipse/jetty/servlet/jmx/FilterMappingMBean.java
* /opt/cola/permits/1834918607_1698521147.801413/0/jetty-servlet-9-0-2-v20130417-sources-1-jar/org/eclipse/jetty/servlet/ServletHolder.java
* /opt/cola/permits/1834918607_1698521147.801413/0/jetty-servlet-9-0-2-v20130417-sources-1-jar/org/eclipse/jetty/servlet/ServletHandler.java
* /opt/cola/permits/1834918607_1698521147.801413/0/jetty-servlet-9-0-2-v20130417-sources-1-jar/org/eclipse/jetty/servlet/listener/IntrospectorCleaner.java
* /opt/cola/permits/1834918607_1698521147.801413/0/jetty-servlet-9-0-2-v20130417-sources-1-jar/org/eclipse/jetty/servlet/listener/ELContextCleaner.java
* /opt/cola/permits/1834918607_1698521147.801413/0/jetty-servlet-9-0-2-v20130417-sources-1-jar/org/eclipse/jetty/servlet/NoJspServlet.java
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* /opt/cola/permits/1834918607_1698521147.801413/0/jetty-servlet-9-0-2-v20130417-sources-1-jar/org/eclipse/jetty/servlet/ServletMapping.java
* /opt/cola/permits/1834918607_1698521147.801413/0/jetty-servlet-9-0-2-v20130417-sources-1-jar/org/eclipse/jetty/servlet/jmx/ServletMappingMBean.java
* /opt/cola/permits/1834918607_1698521147.801413/0/jetty-servlet-9-0-2-v20130417-sources-1-jar/org/eclipse/jetty/servlet/JspPropertyGroupServlet.java
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1.2452 jetty 6.1.25

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* /opt/cola/permits/1834918608_1698521166.3242698/0/jetty-6-1-25-sources-2-jar/org/mortbay/jetty/handler/RewriteHandler.java
* /opt/cola/permits/1834918608_1698521166.3242698/0/jetty-6-1-25-sources-2-jar/org/mortbay/jetty/HttpException.java
* /opt/cola/permits/1834918608_1698521166.3242698/0/jetty-6-1-25-sources-2-jar/org/mortbay/jetty/Request.java
* /opt/cola/permits/1834918608_1698521166.3242698/0/jetty-6-1-25-sources-2-jar/org/mortbay/jetty/nio/AbstractNIOConnector.java
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* /opt/cola/permits/1834918608_1698521166.3242698/0/jetty-6-1-25-sources-2-jar/org/mortbay/jetty/handler/DebugHandler.java
* /opt/cola/permits/1834918608_1698521166.3242698/0/jetty-6-1-25-sources-2-jar/org/mortbay/jetty/handler/ContextHandlerCollection.java
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/*
* @(#)UnixCrypt.java 0.9 96/11/25
*

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/*
   * @see org.mortbay.jetty.Connector#getConfidentialPort()
   */
/*
   * @see org.mortbay.jetty.Connector#getConfidentialScheme()
   */
/*
   * @see org.mortbay.jetty.Connector#isConfidential(org.mortbay.jetty.Request)
   */
/**
   * @param confidentialPort The confidentialPort to set.
   */
/**
   * @param confidentialScheme The confidentialScheme to set.
   */

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jar/org/mortbay/io/UncheckedPrintWriter.java
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* /opt/cola/permits/1834918608_1698521166.3242698/0/jetty-6-1-25-sources-2-jar/org/mortbay/resource/FileResource.java
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* /opt/cola/permits/1834918608_1698521166.3242698/0/jetty-6-1-25-sources-2-jar/org/mortbay/jetty/HttpHeaders.java
* /opt/cola/permits/1834918608_1698521166.3242698/0/jetty-6-1-25-sources-2-jar/org/mortbay/jetty/HttpFields.java
* /opt/cola/permits/1834918608_1698521166.3242698/0/jetty-6-1-25-sources-2-jar/org/mortbay/jetty/handler/DefaultHandler.java
* /opt/cola/permits/1834918608_1698521166.3242698/0/jetty-6-1-25-sources-2-jar/org/mortbay/jetty/servlet/ServletHandler.java
* /opt/cola/permits/1834918608_1698521166.3242698/0/jetty-6-1-25-sources-2-jar/org/mortbay/resource/Resource.java
* /opt/cola/permits/1834918608_1698521166.3242698/0/jetty-6-1-25-sources-2-jar/org/mortbay/jetty/HttpMethods.java
* /opt/cola/permits/1834918608_1698521166.3242698/0/jetty-6-1-25-sources-2-jar/org/mortbay/resource/BadResource.java
* /opt/cola/permits/1834918608_1698521166.3242698/0/jetty-6-1-25-sources-2-jar/org/mortbay/io/AbstractBuffer.java
*

/opt/cola/permits/1834918608_1698521166.3242698/0/jetty-6-1-25-sources-2-jar/org/mortbay/jetty/security/HashSSORealm.java
* /opt/cola/permits/1834918608_1698521166.3242698/0/jetty-6-1-25-sources-2-jar/org/mortbay/jetty/security/Credential.java
* /opt/cola/permits/1834918608_1698521166.3242698/0/jetty-6-1-25-sources-2-jar/org/mortbay/io/Buffer.java
* /opt/cola/permits/1834918608_1698521166.3242698/0/jetty-6-1-25-sources-2-jar/org/mortbay/jetty/HttpStatus.java
* /opt/cola/permits/1834918608_1698521166.3242698/0/jetty-6-1-25-sources-2-jar/org/mortbay/jetty/HttpParser.java
* /opt/cola/permits/1834918608_1698521166.3242698/0/jetty-6-1-25-sources-2-jar/org/mortbay/jetty/security/DigestAuthenticator.java
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   * By default, we're confidential, given we speak SSL. But, if we've been told about an
   * confidential port, and said port is not our port, then we're not. This allows separation of
   * listeners providing INTEGRAL versus CONFIDENTIAL constraints, such as one SSL listener
   * configured to require client certs providing CONFIDENTIAL, whereas another SSL listener not
   * requiring client certs providing mere INTEGRAL constraints.
   */
/**
   * By default, we're integral, given we speak SSL. But, if we've been told about an integral
   * port, and said port is not our port, then we're not. This allows separation
 of listeners
   * providing INTEGRAL versus CONFIDENTIAL constraints, such as one SSL listener configured to
   * require client certs providing CONFIDENTIAL, whereas another SSL listener not requiring
   * client certs providing mere INTEGRAL constraints.
   */
```

Found in path(s):
* /opt/cola/permits/1834918608_1698521166.3242698/0/jetty-6-1-25-sources-2-jar/org/mortbay/jetty/security/SslSocketConnector.java
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/**
   * @return The result of calling {@link #getConnector}.
   *        {@link Connector#isConfidential(Request) isCondidential}
   *        (request), or false if there is no connector.
```

```
   */
```

Found in path(s):
* /opt/cola/permits/1834918608_1698521166.3242698/0/jetty-6-1-25-sources-2-jar/org/mortbay/jetty/HttpConnection.java
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/**
   * @param c Data constrain indicator: 0=DC+NONE, 1=DC_INTEGRAL & 2=DC_CONFIDENTIAL
   */
/**
   * @return Data constrain indicator: 0=DC+NONE, 1=DC_INTEGRAL & 2=DC_CONFIDENTIAL
   */
```

Found in path(s):
* /opt/cola/permits/1834918608_1698521166.3242698/0/jetty-6-1-25-sources-2-jar/org/mortbay/jetty/security/Constraint.java
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Found in path(s):
* /opt/cola/permits/1834918608_1698521166.3242698/0/jetty-6-1-25-sources-2-jar/org/mortbay/jetty/security/HTAccessHandler.java
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/**
   * @return The port to use when redirecting a request if a data constraint of confidential is
   * required. See {@link org.mortbay.jetty.security.Constraint#getDataConstraint()}
   */
/**
   * @return The schema to use when redirecting a request if a data constraint of confidential is
   * required. See {@link org.mortbay.jetty.security.Constraint#getDataConstraint()}
   */
/**
   * @param request A request
   * @return true if the request is confidential. This normally means the https schema has been used.
```

```
*/
```

Found in path(s):
* /opt/cola/permits/1834918608_1698521166.3242698/0/jetty-6-1-25-sources-2-jar/org/mortbay/jetty/Connector.java

1.2453 jetty 9.4.28.v20200408

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
 * javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
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module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
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http://openjdk.java.net/legal/gplv2+ce.html

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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```
package v2_3

// OtherLicense is an Other License Information section of an
// SPDX Document for version 2.3 of the spec.
type OtherLicense struct {
 // 10.1: License Identifier: "LicenseRef-[idstring]"
 // Cardinality: conditional (mandatory, one) if license is not
 //              on SPDX License List
 LicenseIdentifier string `json:"licenseId"`
```

```
// 10.2: Extracted Text
// Cardinality: conditional (mandatory, one) if there is a
//             License Identifier assigned
ExtractedText string `json:"extractedText"`

// 10.3: License Name: single line of text or "NOASSERTION"
// Cardinality: conditional (mandatory, one) if license is not
//             on SPDX License List
LicenseName string `json:"name,omitempty"`

// 10.4: License Cross Reference
// Cardinality: conditional (optional, one or many) if license
//             is not on SPDX License List
LicenseCrossReferences []string `json:"seeAlsos,omitempty"`

//
10.5: License Comment
// Cardinality: optional, one
LicenseComment string `json:"comment,omitempty"`
}
```

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```
package v2_2

// OtherLicense is an Other License Information section of an
// SPDX Document for version 2.2 of the spec.
type OtherLicense struct {
 // 10.1: License Identifier: "LicenseRef-[idstring]"
 // Cardinality: conditional (mandatory, one) if license is not
 //              on SPDX License List
 LicenseIdentifier string `json:"licenseId"`

 // 10.2: Extracted Text
 // Cardinality: conditional (mandatory, one) if there is a
 //              License Identifier assigned
 ExtractedText string `json:"extractedText"`

 // 10.3: License Name: single line of text or "NOASSERTION"
 // Cardinality: conditional (mandatory, one) if license is not
 //              on SPDX License List
 LicenseName string `json:"name,omitempty"`
```

```
// 10.4: License Cross Reference
// Cardinality: conditional (optional, one or many) if license
//              is not on SPDX License List
LicenseCrossReferences []string `json:"seeAlsos,omitempty"`

//
10.5: License Comment
// Cardinality: optional, one
LicenseComment string `json:"comment,omitempty"`
}
```

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procfs provides functions to retrieve system, kernel and process
metrics from the pseudo-filesystem proc.

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github.com/pelletier/go-toml:

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localtime.go, localtime_test.go:

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Changes:
* Renamed files from civil* to localtime*.
* Package changed from civil to toml.
* 'Local' prefix added to all structs.
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lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
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lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
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lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including
the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c
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1.2463 pythonurllib 1.25.8-2ubuntu0.3

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Contributions to the urllib3 project

Creator & Maintainer

* Andrey Petrov <andrey.petrov@shazow.net>

Contributors

In chronological order:

* victor.vde <http://code.google.com/u/victor.vde/>
 * HTTPS patch (which inspired HTTPSConnectionPool)

* erikcederstrand <http://code.google.com/u/erikcederstrand/>
 * NTLM-authenticated HTTPSConnectionPool
 * Basic-authenticated HTTPSConnectionPool (merged into make_headers)

* niphlod <niphlod@gmail.com>
 * Client-verified SSL certificates for HTTPSConnectionPool
 * Response gzip and deflate encoding support
 * Better unicode support for filepost using StringIO buffers

* btoconnor <brian@btoconnor.net>
 * Non-multipart encoding for POST requests

* p.dobrogost <http://code.google.com/u/@WBRSRlBZDhBFXQB6/>
 * Code review, PEP8 compliance, benchmark fix

* kennethreitz <me@kennethreitz.com>
 * Bugfixes, suggestions, Requests integration

* georgemarshall <https://github.com/georgemarshall>
 * Bugfixes, Improvements and Test
 coverage

* Thomas Kluyver <thomas@kluyver.me.uk>
 * Python 3 support

* brandon-rhodes <http://rhodesmill.org/brandon>
 * Design review, bugfixes, test coverage.

* studer <theo.studer@gmail.com>
 * IPv6 url support and test coverage

* Shivaram Lingamneni <slingamn@cs.stanford.edu>
 * Support for explicitly closing pooled connections

* hartator <hartator@gmail.com>
 * Corrected multipart behavior for params

* Thomas Weischuh <thomas@t-8ch.de>
 * Support for TLS SNI
 * API unification of ssl_version/cert_reqs
 * SSL fingerprint and alternative hostname verification
 * Bugfixes in testsuite

* Sune Kirkeby <mig@ibofobi.dk>
 * Optional SNI-support for Python 2 via PyOpenSSL.

* Marc Schlaich <marc.schlaich@gmail.com>
 * Various bugfixes and test improvements.

* Bryce Boe <bbzbryce@gmail.com>
 * Correct six.moves conflict
 * Fixed pickle support of some exceptions

* Boris Figovsky <boris.figovsky@ravellosystems.com>
 * Allowed to skip SSL hostname verification

* Cory Benfield

<https://lukasa.co.uk/about/>
* Stream method for Response objects.
* Return native strings in header values.
* Generate 'Host' header when using proxies.

* Jason Robinson <jaywink@basshero.org>
* Add missing WrappedSocket.fileno method in PyOpenSSL

* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
* Fixed a race condition

* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
* Added HTTPS (CONNECT) proxy support

* Stephen Holsapple <sholsapp@gmail.com>
* Added abstraction for granular control of request fields

* Martin von Gagern <Martin.vGagern@gmx.net>
* Support for non-ASCII header parameters

* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
* Support for separate connect and request timeouts

* Peter Waller <p@pwaller.net>
* HTTPResponse.tell() for determining amount received over the wire

* Nipunn Koorapati <nipunn1313@gmail.com>
* Ignore default ports when comparing hosts for equality

* Danilo @dbrgn <https://dbrgn.ch/>
* Disabled TLS compression by default on Python 3.2+
* Disabled TLS compression in pyopenssl contrib module
* Configurable cipher suites in pyopenssl contrib module

* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
* Account retries on proxy errors

* Nicolas Delaby <nicolas.delaby@ezeep.com>
* Use the platform-specific CA certificate locations

* Josh Schneier <https://github.com/jschneier>
* HTTPHeaderDict and associated tests and docs
* Bugfixes, docs, test coverage

* Tahia Khan <http://tahia.tk/>
* Added Timeout examples in docs

* Arthur Grunseid <https://grunseid.com>

* source_address support and tests (with https://github.com/bui)

* Ian Cordasco <graffatcolmingov@gmail.com>
* PEP8 Compliance and Linting
* Add ability to pass socket options to an HTTP Connection

* Erik Tollerud <erik.tollerud@gmail.com>
* Support for standard library io module.

* Krishna Prasad <kprasad.iitd@gmail.com>
* Google App Engine documentation

* Aaron Meurer
<asmeurer@gmail.com>
* Added Url.url, which unparses a Url

* Evgeny Kapun <abacabadabacaba@gmail.com>
* Bugfixes

* Benjamen Meyer <bm_witness@yahoo.com>
* Security Warning Documentation update for proper capture

* Shivan Sornarajah <github@sornars.com>
* Support for using ConnectionPool and PoolManager as context managers.

* Alex Gaynor <alex.gaynor@gmail.com>
* Updates to the default SSL configuration

* Tomas Tomecek <ttomecek@redhat.com>
* Implemented generator for getting chunks from chunked responses.

* tlynn <https://github.com/tlynn>
* Respect the warning preferences at import.

* David D. Riddle <ddriddle@illinois.edu>
* IPv6 bugfixes in testsuite

* Thea Flowers <magicalgirl@google.com>
* App Engine environment tests.
* Documentation re-write.

* John Krauss <https://github.com/talos>
* Clues to debugging problems with `cryptography` dependency in docs

* Disassem <https://github.com/Disassem>
* Fix pool-default headers not applying for url-encoded
requests like GET.

* James Atherfold <jlatherfold@hotmail.com>
 * Bugfixes relating to cleanup of connections during errors.

* Christian Pedersen <https://github.com/chripede>
 * IPv6 HTTPS proxy bugfix

* Jordan Moldow <https://github.com/jmoldow>
 * Fix low-level exceptions leaking from ``HTTPResponse.stream()``.
 * Bugfix for ``ConnectionPool.urlopen(release_conn=False)``.
 * Creation of ``HTTPConnectionPool.ResponseCls``.

* Predrag Gruevski <https://github.com/obi1kenobi>
 * Made cert digest comparison use a constant-time algorithm.

* Adam Talsma <https://github.com/a-tal>
 * Bugfix to ca_cert file paths.

* Evan Meagher <https://evanmeagher.net>
 * Bugfix related to `memoryview` usage in PyOpenSSL adapter

* John Vandenberg <jayvdb@gmail.com>
 * Python 2.6 fixes; pyflakes and pep8 compliance

* Andy Caldwell <andy.m.caldwell@googlemail.com>
 * Bugfix related to reusing connections in indeterminate states.

* Ville Skytt <ville.skytta@iki.fi>
 * Logging efficiency
 improvements, spelling fixes, Travis config.

* Shige Takeda <smtakeda@gmail.com>
 * Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response

* Jess Shapiro <jesse@jesseshapiro.net>
 * Various character-encoding fixes/tweaks
 * Disabling IPv6 DNS when IPv6 connections not supported

* David Foster <http://dafoster.net/>
 * Ensure order of request and response headers are preserved.

* Jeremy Cline <jeremy@jcline.org>
 * Added connection pool keys by scheme

* Aviv Palivoda <palaviv@gmail.com>
 * History list to Retry object.
 * HTTPResponse contains the last Retry object.

* Nate Prewitt <nate.prewitt@gmail.com>

* Ensure timeouts are not booleans and greater than zero.
* Fixed infinite loop in ``stream`` when amt=None.
* Added length_remaining to determine remaining data to be read.
* Added enforce_content_length to raise exception when incorrect content-length received.

* Seth Michael Larson <sethmichaellarson@protonmail.com>
* Created selectors backport that supports PEP 475.

* Alexandre Dias <alex.dias@smarkets.com>
* Don't retry on timeout if method not in whitelist

* Moinuddin Quadri <moin18@gmail.com>
* Lazily load idna package

* Tom White <s6yg1ez3@mail2tor.com>
* Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.

* Tim Burke <tim.burke@gmail.com>
* Stop buffering entire deflate-encoded responses.

* Tuukka Mustonen <tuukka.mustonen@gmail.com>
* Add counter for status_forcelist retries.

* Erik Rose <erik@mozilla.com>
* Bugfix to pyopenssl vendoring

* Wolfgang Richter <wolfgang.richter@gmail.com>
* Bugfix related to loading full certificate chains with PyOpenSSL backend.

* Mike Miller <github@mikeage.net>
* Logging improvements to include the HTTP(S) port when opening a new connection

* Ioannis Tziakos <mail@itziakos.gr>
* Fix ``util.selectors._fileobj_to_fd`` to accept ``long``.
* Update appveyor tox setup to use the 64bit python.

* Akamai
(through Jess Shapiro) <jshapiro@akamai.com>
* Ongoing maintenance; 2017-2018

* Dominique Leuenberger <dimstar@opensuse.org>
* Minor fixes in the test suite

* Will Bond <will@wbond.net>
* Add Python 2.6 support to ``contrib.securetransport``

* Aleksei Alekseev <alekseev.yeskela@gmail.com>
* using auth info for socks proxy

* Chris Wilcox <git@crwilcox.com>
 * Improve contribution guide
 * Add ``HTTPResponse.geturl`` method to provide ``urllib2.urlopen().geturl()`` behavior

* Bruce Merry <https://www.brucemerry.org.za>
 * Fix leaking exceptions when system calls are interrupted with zero timeout

* Hugo van Kemenade <https://github.com/hugovk>
 * Drop support for EOL Python 2.6

* Tim Bell <https://github.com/timb07>
 * Bugfix for responses with Content-Type: message/* logging warnings

* Justin Bramley <https://github.com/jbramleycl>
 * Add ability to handle multiple Content-Encodings

* Katsuhiko YOSHIDA <https://github.com/kyoshidajp>
 * Remove Authorization header
 regardless of case when redirecting to cross-site

* James Meickle <https://permadeath.com/>
 * Improve handling of Retry-After header

* Chris Jerdonek <chris.jerdonek@gmail.com>
 * Remove a spurious TypeError from the exception chain inside
   HTTPConnectionPool._make_request(), also for BaseExceptions.

* [Your name or handle] <[email or website]>
 * [Brief summary of your changes]

1.2464 golang 1.20.11

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1.2465 procps 3.3.16-1ubuntu2.4

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numbered 2 because it goes with version 2 of the ordinary GPL.]

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1.2466 cobra 1.1.3

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1.2467 goprotobuf 1.5.0

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1.2468 apt 2.0.10

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contextlib2 is a derivative of the contextlib module distributed by the PSF as part of the Python standard library. According, it is itself redistributed under the PSF license (reproduced in full below). As the contextlib module was added only in Python 2.5, the licenses for earlier Python versions are not applicable and have not been included.

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team.
In October of the same
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Release	Derived from	Year	Owner	GPL-compatible? (1)
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
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2.6.3	2.6.2	2009	PSF	yes

2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1.1	2010	PSF	yes
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3.1.4	3.1.3	2011	PSF	yes
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A. HISTORY OF THE SOFTWARE
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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope

Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes

2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1	2010	PSF	yes
3.2	3.1	2010	PSF	yes

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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1.2470 wheel 0.34.2

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set yrange [0:]
set terminal pngcairo font 'Sans, 8' lw 1 size 1400,1024
set xtics rotate by -45

set style histogram errorbars gap 2 lw 1
set style fill solid border -1
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1.2496 libtiff 4.1.0+git191117-2ubuntu0.20.04.11

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1.2497 contrib-instrumentation-google.golang.org-grpc-otelgrpc 0.46.0

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1.2498 perl 5.30.0-9ubuntu0.5

1.2498.1 Available under license :

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```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_lgamma_r: Inlibc
?MAKE: -pick add $@ %<
?S:d_lgamma_r:
?S: This variable conditionally defines the HAS_LGAMMA_R symbol, which
?S: indicates to the C program that the lgamma_r() routine is available
?S: for the log gamma function, without using the global signgam variable.
?S:.
?C:HAS_LGAMMA_R:
?C: This symbol, if defined, indicates that the lgamma_r routine is
?C: available to do the log gamma function without using the global
?C: signgam variable.
?C:.
?H:#$d_lgamma_r HAS_LGAMMA_R  /**/
?H:.
?LINT:set d_lgamma_r
: see if lgamma_r exists
set lgamma_r d_lgamma_r
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_lgamma_r.U
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```
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?RCS:
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```

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?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_dbminitproto: Hasproto i_dbm
?MAKE: -pick add $@ %<
?S:d_dbminitproto:
?S: This variable conditionally defines the HAS_DBMINIT_PROTO symbol,
?S: which indicates to the C program that the system provides
?S: a prototype for the dbminit() function.  Otherwise, it is
?S: up to the program to supply one.
?S:.
?C:HAS_DBMINIT_PROTO:
?C: This symbol, if defined, indicates that the system provides
?C: a prototype for the dbminit() function.  Otherwise, it is up
?C: to the program to supply one.  A good guess is
?C:  extern
 int dbminit(char *);
?C:.
?H:#$d_dbminitproto HAS_DBMINIT_PROTO /**/
?H:.
?LINT:set d_dbminitproto
: see if prototype for dbminit is available
echo " "
set d_dbminitproto dbminit $i_dbm dbm.h
eval $hasproto
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_dbminitproto.U
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```
?RCS: $Id: Extract.U,v 3.0.1.2 1997/02/28 14:58:52 ram Exp $
?RCS:
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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: Extract.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  14:58:52  ram
?RCS: patch61: added support for src.U
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  15:51:46  ram
?RCS: patch36: added ?F: line for metalint file checking
```

```
?RCS:
?RCS: Revision 3.0  1993/08/18  12:04:52  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit produces a shell script which can be doted in order to extract
?X: .SH files with variable substitutions.
?X:
?X: When running
 Configure from a remote directory ($src is not '.'),
?X: then the files will be created in that directory, so beware!
?X:
?MAKE:Extract: src
?MAKE: -pick add $@ %<
?F:./extract
?T:PERL_CONFIG_SH dir file name create mkdir_p
: script used to extract .SH files with variable substitutions
cat >extract <<'EOS'
PERL_CONFIG_SH=true
echo "Doing variable substitutions on .SH files..."
if test -f MANIFEST; then
 set x `awk '{print $1}' < MANIFEST | grep '\.SH$'`
else
 echo "(Looking for .SH files under the source directory.)"
 set x `(cd "$src"; find . -name "*.SH" -print)`
fi
shift
case $# in
0) set x `(cd "$src"; echo *.SH)`; shift;;
esac
if test ! -f "$src/$1"; then
 shift
fi
?X: script to emulate mkdir -p
mkdir_p='
name=$1;
create="";
while test $name; do
 if test ! -d "$name"; then
  create="$name $create";
  name=`echo $name | sed -e "s|^[^/]*$||"`;
  name=`echo $name | sed -e "s|\(.*\)/.*|\1|"`;
 else
  name="";
 fi;
done;
for file in $create; do
 mkdir $file;
```

```
done
'
for file in $*;
 do
 case "$src" in
 ".")
  case "$file" in
  */*)
   dir=`expr X$file : 'X\(.*\)/'`
   file=`expr X$file : 'X.*/\(.*\)'`
   (cd "$dir" && . ./$file)
   ;;
  *)
   . ./$file
   ;;
  esac
  ;;
 *)
?X:
?X: When running Configure remotely ($src is not '.'), we cannot source
?X: the files directly, since that would wrongly cause the extraction
?X: where the source lie instead of withing the current directory. Therefore,
?X: we need to 'sh <file' then, which is okay since they will source the
?X: existing config.sh file. It's not possible to use:
?X:  ../src/Configure -S -O -Dsomething
?X: unfortunately since no new config.sh with the -Dsomething override
?X: will be created before running the .SH files. A minor buglet.
?X:
?X: Note that we must create the directory hierarchy ourselves if it does
?X: not exist already, and that is done through a shell emulation of the
?X: 'mkdir -p' command. We don't want to use the $installdir metaconfig
?X: symbol here since that would require too much to
 be configured for
?X: this simple extraction task that may happen quickly with 'Configure -S'.
?X:  -- RAM, 18/03/96
?X:
  case "$file" in
  */*)
   dir=`expr X$file : 'X\(.*\)/'`
   file=`expr X$file : 'X.*/\(.*\)'`
   (set x $dir; shift; eval $mkdir_p)
   sh <"$src/$dir/$file"
   ;;
  *)
   sh <"$src/$file"
   ;;
  esac
  ;;
```

```
 esac
done
if test -f "$src/config_h.SH"; then
 if test ! -f config.h; then
 : oops, they left it out of MANIFEST, probably, so do it anyway.
 . "$src/config_h.SH"
 fi
fi
EOS
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Extract.U
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```
?RCS: $Id: d_safemcpy.U,v 3.0.1.5 1997/02/28 15:41:12 ram Exp $
?RCS:
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?RCS:
?RCS: $Log: d_safemcpy.U,v $
?RCS: Revision 3.0.1.5  1997/02/28  15:41:12  ram
?RCS: patch61: improved overlapping copy check
?RCS: patch61: comfort them if they have memmove
?RCS: patch61: added ?F: metalint hint
?RCS:
?RCS: Revision 3.0.1.4  1995/07/25  13:58:46  ram
?RCS: patch56: re-arranged compile line to include ldflags before objects
?RCS:
?RCS: Revision 3.0.1.3  1995/03/21  08:47:26  ram
?RCS: patch52: swapped two first arguments of memcpy() calls
?RCS:
?RCS:
 Revision 3.0.1.2  1994/10/29  16:15:10  ram
?RCS: patch36: added 'ldflags' to the test compile line (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/05/06  14:53:12  ram
?RCS: patch23: ensure string is not optimized in read-only memory (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:06:58  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_safemcpy: Compile cat d_memcpy rm_try run \
```

```
 d_memmove i_memory i_stdlib i_string i_unistd Oldconfig Setvar
?MAKE: -pick add $@ %<
?S:d_safemcpy:
?S: This variable conditionally defines the HAS_SAFE_MEMCPY symbol if
?S: the memcpy() routine can do overlapping copies.
?S: For overlapping copies, memmove() should be used, if available.
?S:.
?C:HAS_SAFE_MEMCPY (SAFE_MEMCPY):
?C: This symbol, if defined, indicates that the memcpy routine is available
?C: to copy potentially overlapping memory blocks.  If you need to
?C: copy overlapping memory blocks, you should check HAS_MEMMOVE and
?C: use memmove() instead, if available.
?C:.
?H:#$d_safemcpy HAS_SAFE_MEMCPY /**/
?H:.
?F:!try
?LINT:
 set d_safemcpy
: can memcpy handle overlapping blocks?
echo " "
?X: assume the worst
val="$undef"
case "$d_memmove" in
"$define") echo "I'll use memmove() instead of memcpy() for overlapping copies." ;;
*) case "$d_memcpy" in
 "$define")
  echo "Checking to see if memcpy() can do overlapping copies..." >&4
  $cat >try.c <<EOCP
#$i_memory I_MEMORY
#$i_stdlib I_STDLIB
#$i_string I_STRING
#$i_unistd I_UNISTD
EOCP
 $cat >>try.c <<'EOCP'
#include <stdio.h>
#ifdef I_MEMORY
#  include <memory.h>
#endif
#ifdef I_STDLIB
#  include <stdlib.h>
#endif
#ifdef I_STRING
#  include <string.h>
#else
#  include <strings.h>
#endif
#ifdef I_UNISTD
#  include <unistd.h>  /* Needed for NetBSD */
```

```
#endif
int main()
{
char buf[128], abc[128];
char *b;
int len;
int off;
int align;

/* Copy "abcde..." string to char abc[] so that gcc doesn't
  try to store the string in read-only memory. */
memcpy(abc, "abcdefghijklmnopqrstuvwxyz0123456789", 36);

for (align = 7; align >=
 0; align--) {
 for (len = 36; len; len--) {
  b = buf+align;
  memcpy(b, abc, len);
  for (off = 1; off <= len; off++) {
   memcpy(b+off, b, len);
   memcpy(b, b+off, len);
   if (memcmp(b, abc, len))
    exit(1);
  }
 }
}
exit(0);
}
EOCP
  set try
  if eval $compile_ok; then
   if $run ./try 2>/dev/null; then
    echo "Yes, it can."
    val="$define"
   else
    echo "It can't, sorry."
   fi
  else
   echo "(I can't compile the test program, so we'll assume not...)"
  fi
  ;;
 esac
 $rm_try
 ;;
esac
set d_safemcpy
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_safemcpy.U
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```
?RCS: $Id: d_endservent_r.U,v 0RCS:
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?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_endservent_r endservent_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_endservent_r:
?S: This variable conditionally defines the HAS_ENDSERVENT_R symbol,
?S: which indicates to the C program that the endservent_r()
?S: routine is available.
?S:.
?S:endservent_r_proto:
?S: This variable encodes the prototype of endservent_r.
?S: It is zero if d_endservent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endservent_r
?S: is defined.
?S:.
?C:HAS_ENDSERVENT_R:
?C: This symbol, if defined, indicates that the endservent_r routine
?C: is
 available to endservent re-entrantly.
?C:.
?C:ENDSERVENT_R_PROTO:
?C: This symbol encodes the prototype of endservent_r.
?C: It is zero if d_endservent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endservent_r
?C: is defined.
?C:.
?H:#$d_endservent_r HAS_ENDSERVENT_R /**/
?H:#define ENDSERVENT_R_PROTO $endservent_r_proto /**/
?H:.
?T:try hdrs d_endservent_r_proto
: see if endservent_r exists
set endservent_r d_endservent_r
eval $inlibc
case "$d_endservent_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
```

```
 case "$d_endservent_r_proto:$usethreads" in
 ":define") d_endservent_r_proto=define
  set d_endservent_r_proto endservent_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_endservent_r_proto" in
 define)
 case "$endservent_r_proto" in
 "|0) try='int endservent_r(struct servent_data*);'
 ./protochk "$extern_C $try" $hdrs && endservent_r_proto=I_D ;;
 esac
 case "$endservent_r_proto" in
 "|0) try='void endservent_r(struct
 servent_data*);'
 ./protochk "$extern_C $try" $hdrs && endservent_r_proto=V_D ;;
 esac
 case "$endservent_r_proto" in
 "|0) d_endservent_r=undef
  endservent_r_proto=0
  echo "Disabling endservent_r, cannot determine prototype." >&4 ;;
 * ) case "$endservent_r_proto" in
  REENTRANT_PROTO*) ;;
  *) endservent_r_proto="REENTRANT_PROTO_$endservent_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "endservent_r has no prototype, not using it." >&4 ;;
  esac
  d_endservent_r=undef
  endservent_r_proto=0
  ;;
 esac
 ;;
*) endservent_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_endservent_r.U
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?RCS:
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```
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: package.U,v $
?RCS: Revision 3.0.1.3  1994/10/29  16:27:21  ram
?RCS: patch36: beware of non-ascii character sets when translating case
?RCS:
?RCS: Revision 3.0.1.2  1993/11/10  17:37:02  ram
?RCS: patch14: skip definition of spackage if not otherwise used
?RCS:
?RCS: Revision 3.0.1.1  1993/09/13  16:11:10  ram
?RCS: patch10: added spackage, suitable for starting sentences
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:28  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:package spackage:
 Nothing
?MAKE: -pick wipe $@ %<
?S:package:
?S: This variable contains the name of the package being constructed.
?S: It is primarily intended for the use of later Configure units.
?S:.
?S:spackage:
?S: This variable contains the name of the package being constructed,
?S: with the first letter uppercased, i.e. suitable for starting
?S: sentences.
?S:.
?C:PACKAGE:
?C: This variable contains the name of the package being built.
?C:.
?H:#define PACKAGE "$package"
?H:.
?T:first last
: set package name
package='<PACKAGENAME>'
@if spackage
first=`echo $package | sed -e 's/^\(.\).*/\1/'`
last=`echo $package | sed -e 's/^.\(.*\)/\1/'`
?X:
?X: So early in the Configure script, we don't have ./tr set up and can't
?X: include Tr in our dependency or that would create a cycle. Therefore,
?X: we have to somehow duplicate the work done in Tr. That's life.
?X:
```

```
case "`echo AbyZ | tr '[:lower:]' '[:upper:]' 2>/dev/null`" in
ABYZ) spackage=`echo $first | tr '[:lower:]' '[:upper:]'`$last;;
*) spackage=`echo
 $first | tr '[a-z]' '[A-Z]'`$last;;
esac
@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/package.U
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```
?RCS: $Id$
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_csh.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  15:32:18  ram
?RCS: patch61: added full_csh to preserve the full path even when portable
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:53  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_csh full_csh: csh Setvar
?MAKE: -pick add $@ %<
?S:d_csh:
?S: This variable conditionally defines the CSH symbol, which
?S: indicates to the C program that the C-shell exists.
?S:.
?S:full_csh:
?S: This variable contains the full pathname to 'csh', whether
 or
?S: not the user has specified 'portability'.  This is only used
?S: in the compiled C program, and we assume that all systems which
?S: can share this executable will have the same full pathname to
?S: 'csh.'
?S:.
?C:HAS_CSH:
?C: This symbol, if defined, indicates that the C-shell exists.
?C:.
?C:CSH:
?C: This symbol, if defined, contains the full pathname of csh.
```

```
?C:.
?X: Previously, I just did $d_csh CSH "$full_csh", but that caused
?X: problems on VMS where the config.sh extraction program changes
?X: $undef to a real cpp undef, and they then had  #undef CSH ""
?X: which the compiler didn't like.  It's easy to work around this,
?X: so I did.  --AD  3/1998.
?X: And we don't want to define CSH if !HAS_CSH, but we don't want
?X: those lines in config.h if they don't need CSH, so protect with ?CSH
?X: and not ?%<. --RAM, 15/02/2004
?H:?%<:#$d_csh HAS_CSH  /**/
?H:?CSH:#ifdef HAS_CSH
?H:?CSH:#define CSH "$full_csh" /**/
?H:?CSH:#endif
?H:.
?LINT:set d_csh
: get csh whereabouts
case
 "$csh" in
'csh') val="$undef" ;;
*) val="$define" ;;
esac
set d_csh
eval $setvar
: Respect a hint or command line value for full_csh.
case "$full_csh" in
") full_csh=$csh ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_csh.U
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```
?RCS: $Id: byteorder.U,v 3.0.1.2 1997/02/28 15:24:55 ram Exp $
?RCS:
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?RCS:
?RCS: $Log: byteorder.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  15:24:55  ram
?RCS: patch61: no longer ask the user if the test runs ok
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  16:02:58  ram
```

```
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:28  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:byteorder: cat Myread Oldconfig Loc Compile rm_try run \
 multiarch uvtype uvsize i_stdlib
?MAKE: -pick add $@ %<
?S:byteorder:
?S: This
 variable holds the byte order in a UV. In the following,
?S: larger digits indicate more significance.  The variable byteorder
?S: is either 4321 on a big-endian machine, or 1234 on a little-endian,
?S: or 87654321 on a Cray ... or 3412 with weird order !
?S:.
?C:BYTEORDER:
?C: This symbol holds the hexadecimal constant defined in byteorder,
?C: in a UV, i.e. 0x1234 or 0x4321 or 0x12345678, etc...
?C: If the compiler supports cross-compiling or multiple-architecture
?C: binaries, use compiler-defined macros to
?C: determine the byte order.
?C:.
?H:?%<:#if defined(MULTIARCH)
?H:?%<:#  ifdef __LITTLE_ENDIAN__
?H:?%<:#    if LONGSIZE == 4
?H:?%<:#      define BYTEORDER 0x1234
?H:?%<:#    else
?H:?%<:#      if LONGSIZE == 8
?H:?%<:#        define BYTEORDER 0x12345678
?H:?%<:#      endif
?H:?%<:#    endif
?H:?%<:#  else
?H:?%<:#    ifdef __BIG_ENDIAN__
?H:?%<:#      if LONGSIZE == 4
?H:?%<:#        define BYTEORDER 0x4321
?H:?%<:#      else
?H:?%<:#        if LONGSIZE
 == 8
?H:?%<:#          define BYTEORDER 0x87654321
?H:?%<:#        endif
?H:?%<:#      endif
?H:?%<:#    endif
?H:?%<:#  endif
?H:?%<:#else
?H:?%<:#define BYTEORDER 0x$byteorder /* large digits for MSB */
?H:?%<:#endif
?H:.
?T:xxx_prompt
```

```
?F:!try
: check for ordering of bytes in a UV
echo " "
case "$multiarch" in
*$define*)
 $cat <<EOM
You seem to be doing a multiarchitecture build,
skipping the byteorder check.

EOM
 byteorder='ffff'
 ;;
*)
 case "$byteorder" in
 ")
  $cat <<'EOM'
In the following, larger digits indicate more significance.  A big-endian
machine like a Pyramid or a Motorola 680?0 chip will come out to 4321. A
little-endian machine like a Vax or an Intel 80?86 chip would be 1234. Other
machines may have weird orders like 3412.  A Cray will report 87654321,
an Alpha will report 12345678. If the test program works the default is
probably right.
I'm now running the test program...
EOM
  $cat >try.c <<EOCP
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#include
 <sys/types.h>
typedef $uvtype UV;
int main()
{
 int i;
 union {
  UV l;
  char c[$uvsize];
 } u;

 if ($uvsize > 4)
  u.l = (((UV)0x08070605) << 32) | (UV)0x04030201;
 else
  u.l = (UV)0x04030201;
 for (i = 0; i < $uvsize; i++)
  printf("%c", u.c[i]+'0');
 printf("\n");
```

```
 exit(0);
}
EOCP
  xxx_prompt=y
  set try
  if eval $compile && $run ./try > /dev/null; then
   dflt=`$run ./try`
   case "$dflt" in
   [1-4][1-4][1-4][1-4]|12345678|87654321)
    echo "(The test program ran ok.)"
    echo "byteorder=$dflt"
    xxx_prompt=n
   ;;
   ????|????????) echo "(The test program ran ok.)" ;;
   *) echo "(The test program didn't run right for some reason.)" ;;
   esac
  else
   dflt='4321'
   cat <<'EOM'
(I can't seem to compile the test program.  Guessing big-endian...)
EOM
  fi
  case "$xxx_prompt" in
  y)
   rp="What is the order of bytes in $uvtype?"
   . ./myread
   byteorder="$ans"
   ;;
  *) byteorder=$dflt
   ;;
  esac
  ;;
 esac
 $rm_try
 ;;
esac
```

Found in path(s):
*
 /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/byteorder.U
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```
?RCS: $Id: i_dbm.U 1 2006-08-24 12:32:52Z rmanfredi $
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?RCS:
?RCS: $Log: i_dbm.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  15:48:20  ram
?RCS: patch61: added I_RPCSVC_DBM check
?RCS:
?RCS: Revision 3.0.1.1  1995/05/12  12:16:05  ram
?RCS: patch54: made more robust by checking both header and lib (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:08:15  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_dbm i_rpcsvcdbm: Inhdr Inlibc Setvar
?MAKE: -pick add $@ %<
?S:i_dbm (d_odbm):
?S: This variable conditionally defines
 the I_DBM symbol, which
?S: indicates to the C program that <dbm.h> exists and should
?S: be included.
?S:.
?S:i_rpcsvcdbm:
?S: This variable conditionally defines the I_RPCSVC_DBM symbol, which
?S: indicates to the C program that <rpcsvc/dbm.h> exists and should
?S: be included.  Some System V systems might need this instead of <dbm.h>.
?S:.
?C:I_DBM (HAS_ODBM ODBM):
?C: This symbol, if defined, indicates that <dbm.h> exists and should
?C: be included.
?C:.
?C:I_RPCSVC_DBM:
?C: This symbol, if defined, indicates that <rpcsvc/dbm.h> exists and
?C: should be included.
?C:.
?H:#$i_dbm I_DBM /**/
?H:#$i_rpcsvcdbm I_RPCSVC_DBM /**/
?H:.
?T:d_dbmclose
?LINT:set i_dbm i_rpcsvcdbm
: see if dbm.h is available
?X: We might just have the header, not the library.
?X: We look for dbmclose() rather than dbminit() because
?X: some versions of SCO Unix have -ldbm, but are missing dbmclose(). -- ADO
?X: Some System V systems have <rpcsvc/dbm.h> instead of <dbm.h>.
: see if dbmclose exists
set dbmclose
```

```
 d_dbmclose
eval $inlibc

case "$d_dbmclose" in
$define)
 set dbm.h i_dbm
 eval $inhdr
 case "$i_dbm" in
 $define)
  val="$undef"
  set i_rpcsvcdbm
  eval $setvar
  ;;
 *) set rpcsvc/dbm.h i_rpcsvcdbm
  eval $inhdr
  ;;
 esac
 ;;
*) echo "We won't be including <dbm.h>"
 val="$undef"
 set i_dbm
 eval $setvar
 val="$undef"
 set i_rpcsvcdbm
 eval $setvar
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_dbm.U
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```
?RCS: $Id: Tr.U,v 3.0.1.2 1994/10/29 18:00:54 ram Exp $
?RCS:
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?RCS:
?RCS: $Log: Tr.U,v $
?RCS: Revision 3.0.1.2  1994/10/29  18:00:54  ram
?RCS: patch43: forgot to quote $@ to protect against "evil" characters
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  15:58:35  ram
```

```
?RCS: patch36: created
?RCS:
?X:
?X: This unit produces a bit of shell code that must be dotted in in order
?X: to do a character translation. It catches translations to uppercase or
?X: to lowercase, and then invokes the real tr to perform the job.
?X:
?X: This unit is necessary
 on HP machines (HP strikes again!) with non-ascii
?X: ROMAN8-charset, where normal letters are not arranged in a row, so a-z
?X: covers not the whole alphabet but lots of special chars. This was reported
?X: by Andreas Sahlbach <a.sahlbach@tu-bs.de>.
?X:
?X: Units performing a tr '[A-Z]' '[a-z]' or the other way round should include
?X: us in their dependency and use ./tr instead.
?X:
?MAKE:Tr: startsh tr eunicefix
?MAKE: -pick add $@ %<
?F:./tr
?T:up low
: see whether [:lower:] and [:upper:] are supported character classes
echo " "
case "`echo AbyZ | $tr '[:lower:]' '[:upper:]' 2>/dev/null`"-"`echo AbyZ | $tr '[:upper:]' '[:lower:]' 2>/dev/null`" in
ABYZ-abyz)
 echo "Good, your tr supports [:lower:] and [:upper:] to convert case." >&4
 up='[:upper:]'
 low='[:lower:]'
 ;;
*) # There is a discontinuity in EBCDIC between 'R' and 'S'
 # (0xd9 and 0xe2), therefore that is a nice testing point.
 if test "X$up" = X -o "X$low" = X; then
    case "`echo RS | $tr '[R-S]' '[r-s]' 2>/dev/null`"
 in
    rs) up='[A-Z]'
  low='[a-z]'
  ;;
    esac
 fi
 if test "X$up" = X -o "X$low" = X; then
    case "`echo RS | $tr R-S r-s 2>/dev/null`" in
    rs) up='A-Z'
  low='a-z'
  ;;
    esac
 fi
 if test "X$up" = X -o "X$low" = X; then
    case "`echo RS | od -x 2>/dev/null`" in
    *D9E2*|*d9e2*)
```

```
  echo "Hey, this might be EBCDIC." >&4
  if test "X$up" = X -o "X$low" = X; then
      case "`echo RS | $tr '[A-IJ-RS-Z]' '[a-ij-rs-z]' 2>/dev/null`" in
      rs) up='[A-IJ-RS-Z]'
   low='[a-ij-rs-z]'
   ;;
      esac
  fi
  if test "X$up" = X -o "X$low" = X; then
      case "`echo RS | $tr A-IJ-RS-Z a-ij-rs-z 2>/dev/null`" in
      rs) up='A-IJ-RS-Z'
   low='a-ij-rs-z'
   ;;
      esac
  fi
  ;;
     esac
 fi
esac
case "`echo RS | $tr \"$up\" \"$low\" 2>/dev/null`" in
rs)
   echo "Using $up and $low to convert case." >&4
   ;;
*)
   echo "I don't know how to translate letters from upper to lower case." >&4
   echo "Your tr is not acting any way I know of." >&4
   exit 1
   ;;
esac
:
 set up the translation script tr, must be called with ./tr of course
cat >tr <<EOSC
$startsh
case "\$1\$2" in
'[A-Z][a-z]') exec $tr '$up' '$low';;
'[a-z][A-Z]') exec $tr '$low' '$up';;
esac
exec $tr "\$@"
EOSC
chmod +x tr
$eunicefix tr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Tr.U
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```
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?RCS:
?MAKE:d_sendmsg: Inlibc
?MAKE: -pick add $@ %<
?S:d_sendmsg:
?S: This variable conditionally defines the HAS_SENDMSG symbol, which
?S: indicates to the C program that the sendmsg() routine is available.
?S:.
?C:HAS_SENDMSG:
?C: This symbol, if defined, indicates that the sendmsg routine is
?C: available to send structured socket messages.
?C:.
?H:#$d_sendmsg HAS_SENDMSG  /**/
?H:.
?LINT:set d_sendmsg
: see if sendmsg exists
set sendmsg d_sendmsg
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_sendmsg.U
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```
?RCS: $Id: d_difftime.U 1 2006-08-24 12:32:52Z rmanfredi $
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?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_difftime.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:07:31  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_difftime: Inlibc
?MAKE: -pick add $@ %<
?S:d_difftime:
?S: This variable conditionally defines the HAS_DIFFTIME symbol, which
```

```
?S: indicates to the C program that the difftime() routine is available.
?S:.
?C:HAS_DIFFTIME :
?C: This symbol, if defined, indicates that
 the difftime routine is
?C: available.
?C:.
?H:#$d_difftime HAS_DIFFTIME  /**/
?H:.
?LINT:set d_difftime
: see if difftime exists
set difftime d_difftime
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_difftime.U
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```
?RCS: $Id: d_setprior.U 1 2006-08-24 12:32:52Z rmanfredi $
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?RCS:
?RCS: $Log: d_setprior.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:11  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setprior: Inlibc
?MAKE: -pick add $@ %<
?S:d_setprior:
?S: This variable conditionally defines HAS_SETPRIORITY if setpriority()
?S: is available to set a process's priority.
?S:.
?C:HAS_SETPRIORITY (SETPRIORITY):
?C: This symbol, if defined, indicates that the setpriority routine is
?C: available to set a process's priority.
?C:.
?H:#$d_setprior
 HAS_SETPRIORITY  /**/
?H:.
?LINT:set d_setprior
: see if setpriority exists
```

```
set setpriority d_setprior
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setprior.U
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```
?RCS: $Id: End.U,v 3.0 1993/08/18 12:04:51 ram Exp $
?RCS:
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?RCS:
?RCS: $Log: End.U,v $
?RCS: Revision 3.0  1993/08/18  12:04:51  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit serves as the goal which forces make to choose all the units that
?X: ask questions.  The $W on the ?MAKE: line is the list of all symbols wanted.
?X: To force any unit to be included, copy this unit to your private U directory
?X: and add the name of the unit desired to the ?MAKE: dependency line.
?X:
?MAKE:End perllibs: $W cppstdin gzip zip
 libs usedl osname osvers
?MAKE: -pick add $@ %<
?S:perllibs:
?S: The list of libraries needed by Perl only (any libraries needed
?S: by extensions only will by dropped, if using dynamic loading).
?S:.
?INIT:perllibs=''
?LINT:use $W
?LINT:use gzip zip
?LINT:change cppstdin
: Remove libraries needed only for extensions
: The appropriate ext/Foo/Makefile.PL will add them back in, if necessary.
: The exception is SunOS 4.x, which needs them.
case "${osname}X${osvers}" in
sunos*X4*)
   perllibs="$libs"
   ;;
*) case "$usedl" in
   $define|true|[yY]*)
```

```
    set X `echo " $libs " | sed -e 's@ -lndbm @ @' -e 's@ -lgdbm @ @' -e 's@ -lgdbm_compat @ @' -e 's@ -ldbm @
@' -e 's@ -ldb @ @'`
    shift
    perllibs="$*"
    ;;
  *) perllibs="$libs"
    ;;
  esac
  ;;
esac

?X: If the user has the cppstdin wrapper, perl.c will try to call
?X: CPPSTDIN, but that will point to a location in the build
?X: directory, not the installed version!.  Here, we'll just strip the
?X: name down to 'cppstdin',
 and rely on the fact that perl.c will
?X: then call SCRIPTDIR/cppstdin, but local things like 'make depend'
?X: will continue to work.
: Remove build directory name from cppstdin so it can be used from
: either the present location or the final installed location.
echo " "
: Get out of the UU directory to get correct path name.
cd ..
case "$cppstdin" in
`pwd`/cppstdin)
 echo "Stripping down cppstdin path name"
 cppstdin=cppstdin
 ;;
esac
cd UU

: end of configuration questions
echo " "
echo "End of configuration questions."
echo " "
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/End.U
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Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/files/Jmake.tmpl
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```
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?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: modetype.U,v $
?RCS: Revision 3.0.1.1  1994/10/29  16:25:07  ram
?RCS: patch36: created by ADO
?RCS:
?MAKE:modetype: Myread Typedef
?MAKE: -pick add $@ %<
?S:modetype:
?S: This variable defines modetype to be something like mode_t,
?S: int, unsigned short, or whatever type is used to declare file
?S: modes for system calls.
?S:.
?C:Mode_t:
?C: This symbol holds the type used to declare file modes
?C: for systems calls.
  It is usually mode_t, but may be
?C: int or unsigned short.  It may be necessary to include <sys/types.h>
?C: to get any typedef'ed information.
?C:.
?H:#define Mode_t $modetype  /* file mode parameter for system calls */
?H:.
: see what type is used for mode_t
set mode_t modetype int stdio.h sys/types.h
eval $typedef
dflt="$modetype"
echo " "
rp="What type is used for file modes?"
. ./myread
modetype="$ans"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/modetype.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: usenm.U,v 3.0.1.1 1997/02/28 16:26:40 ram Exp $
?RCS:
```

```
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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: usenm.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  16:26:40  ram
?RCS: patch61: don't use nm with the GNU C library
?RCS: patch61: added support for Linux shared libs
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:57  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:usenm runnm nm_opt nm_so_opt: cat test Myread Oldconfig myuname grep \
 nm d_gnulibc osname egrep rsrc
?MAKE: -pick add $@ %<
?S:usenm:
?S: This variable contains 'true' or 'false' depending
 whether the
?S: nm extraction is wanted or not.
?S:.
?S:runnm:
?S: This variable contains 'true' or 'false' depending whether the
?S: nm extraction should be performed or not, according to the value
?S: of usenm and the flags on the Configure command line.
?S:.
?S:nm_opt:
?S: This variable holds the options that may be necessary for nm.
?S:.
?S:nm_so_opt:
?S: This variable holds the options that may be necessary for nm
?S: to work on a shared library but that can not be used on an
?S: archive library.  Currently, this is only used by Linux, where
?S: nm --dynamic is *required* to get symbols from an ELF library which
?S: has been stripped, but nm --dynamic is *fatal* on an archive library.
?S: Maybe Linux should just always set usenm=false.
?S:.
: see if nm is to be used to determine whether a symbol is defined or not
?X: If there is enough inquiries, it might be worth to wait for the nm
?X: extraction. Otherwise, the C compilations might be a better deal.
?X:
?X: Don't bother if we're
 using GNU libc -- skimo
?LINT:extern PASE
case "$usenm" in
```

```
")
 dflt=''
 case "$d_gnulibc" in
 "$define")
  echo " "
  echo "nm probably won't work on the GNU C Library." >&4
  dflt=n
  ;;
 esac
 case "$dflt" in
 '')
  if $test "$osname" = aix -a "X$PASE" != "Xdefine" -a ! -f /lib/syscalls.exp; then
   echo " "
   echo "Whoops!  This is an AIX system without /lib/syscalls.exp!" >&4
   echo "'nm' won't be sufficient on this system." >&4
   dflt=n
  fi
  ;;
 esac
 case "$dflt" in
 '') dflt=`$egrep 'inlibc|csym' $rsrc/Configure | wc -l 2>/dev/null`
  if $test $dflt -gt 20; then
   dflt=y
  else
   dflt=n
  fi
  ;;
 esac
 ;;
*)
 case "$usenm" in
 true|$define) dflt=y;;
 *) dflt=n;;
 esac
 ;;
esac
$cat <<EOM

I can use $nm to extract the symbols from your C libraries. This
is a time consuming task which may generate huge output on the disk (up
to 3 megabytes) but that should make the symbols extraction faster. The
alternative is to skip the 'nm' extraction part and to compile a small
test
 program instead to determine whether each symbol is present. If
you have a fast C compiler and/or if your 'nm' output cannot be parsed,
this may be the best solution.

You probably shouldn't let me use 'nm' if you are using the GNU C Library.
```

```
EOM
rp="Shall I use $nm to extract C symbols from the libraries?"
. ./myread
case "$ans" in
[Nn]*) usenm=false;;
*) usenm=true;;
esac

?X: Name extraction is to be run if 'nm' usage is wanted and if no -r flag
?X: was provided to configure (in which case we simply re-use the previous
?X: values).
runnm=$usenm
case "$reuseval" in
true) runnm=false;;
esac

: nm options which may be necessary
case "$nm_opt" in
") if $test -f /mach_boot; then
  nm_opt=" # Mach
 elif $test -d /usr/ccs/lib; then
  nm_opt='-p' # Solaris (and SunOS?)
 elif $test -f /dgux; then
  nm_opt='-p' # DG-UX
 elif $test -f /lib64/rld; then
  nm_opt='-p' # 64-bit Irix
 else
  nm_opt="
 fi;;
esac

: nm options which may be necessary for shared libraries but illegal
: for archive
 libraries.  Thank you, Linux.
case "$nm_so_opt" in
") case "$myuname" in
 *linux*|gnu*)
  if $nm --help | $grep 'dynamic' > /dev/null 2>&1; then
   nm_so_opt='--dynamic'
  fi
  ;;
 esac
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/modified/usenm.U
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```
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: orderlib.U,v $
?RCS: Revision 3.0.1.4  1997/02/28  16:18:18  ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS: patch61: likewise for .o replaced by $_o
?RCS: patch61: now uses the ar located by Loc.U
?RCS:
?RCS: Revision 3.0.1.3  1995/01/11  15:33:04  ram
?RCS: patch45: allows hint files to specify their own value for 'ranlib'
?RCS:
?RCS: Revision 3.0.1.2  1994/10/29  16:26:48  ram
?RCS: patch36: now performs a real small compile for accurate checks (ADO)
?RCS:
?RCS: Revision 3.0.1.1
  1994/08/29  16:31:17  ram
?RCS: patch32: use cc variable instead of hardwired 'cc' in 1st compile
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:26  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:orderlib ranlib: Loc ar cat test rm +cc +ccflags +ldflags +libs _a _o
?MAKE: -pick add $@ %<
?S:orderlib:
?S: This variable is "true" if the components of libraries must be ordered
?S: (with `lorder $* | tsort`) before placing them in an archive.  Set to
?S: "false" if ranlib or ar can generate random libraries.
?S:.
?S:ranlib:
?S: This variable is set to the pathname of the ranlib program, if it is
?S: needed to generate random libraries.  Set to ":" if ar can generate
?S: random libraries or if random libraries are not supported
?S:.
?F:!foobar
: see if ar generates random libraries by itself
echo " "
echo "Checking how to generate random libraries on your machine..." >&4
```

```
?X: Some systems (like MIPS) complain when running ar... Others like Ultrix
?X: need an explicit 'ar ts'
 to add the table of contents.
?X: Still others like Linux run ar ts successfully, but still need ranlib.
?X: This set of tests seems the minimum necessary to check out Linux.
?X: We need to explicitly put the entries in out-of-order so that Sun's ld
?X: will fail.  (Otherwise it complains, but gives an exit status of 0.)
echo 'int bar1() { return bar2(); }' > bar1.c
echo 'int bar2() { return 2; }' > bar2.c
$cat > foo.c <<'EOP'
int main() { printf("%d\n", bar1()); exit(0); }
EOP
$cc $ccflags -c bar1.c >/dev/null 2>&1
$cc $ccflags -c bar2.c >/dev/null 2>&1
$cc $ccflags -c foo.c >/dev/null 2>&1
$ar rc bar$_a bar2$_o bar1$_o >/dev/null 2>&1
if $cc $ccflags $ldflags -o foobar foo$_o bar$_a $libs > /dev/null 2>&1 &&
 ./foobar >/dev/null 2>&1; then
 echo "ar appears to generate random libraries itself."
 orderlib=false
 ranlib=":"
elif $ar ts bar$_a >/dev/null 2>&1 &&
 $cc $ccflags $ldflags -o foobar foo$_o bar$_a $libs > /dev/null 2>&1 &&
 ./foobar >/dev/null 2>&1; then
  echo "a table of contents
 needs to be added with 'ar ts'."
  orderlib=false
  ranlib="$ar ts"
else
?X: Allow hints to specify their own ranlib "script". For instance, on
?X: some NeXT machines, the timestamp put by ranlib is not correct, and this
?X: may raise tedious recompiles for nothing. Therefore, NeXT may add the
?X: ranlib='sleep 5; /bin/ranlib' line in their hints to "fix" that.
?X: (reported by Andreas Koenig <k@franz.ww.tu-berlin.de>)
 case "$ranlib" in
 :) ranlib=";;
 ")
  ranlib=`./loc ranlib X /usr/bin /bin /usr/local/bin`
  $test -f $ranlib || ranlib="
  ;;
 esac
 if $test -n "$ranlib"; then
  echo "your system has '$ranlib'; we'll use that."
  orderlib=false
 else
  echo "your system doesn't seem to support random libraries"
  echo "so we'll use lorder and tsort to order the libraries."
  orderlib=true
```

```
  ranlib=":"
 fi
fi
$rm -f foo* bar*
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/orderlib.U
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```
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: pager.U,v $
?RCS: Revision 3.0.1.2  1995/01/30  14:41:26  ram
?RCS: patch49: ensure dflt gets initialized in case no pagers are found (WED)
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  16:27:45  ram
?RCS: patch36: replaced Myread by Getfile in the dependency line
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:30  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:pager: pg more less Getfile Oldconfig
?MAKE: -pick add $@ %<
?S:pager:
?S: This variable contains the name of the preferred pager
 on the system.
?S: Usual values are (the full pathnames of) more, less, pg, or cat.
?S:.
: locate the preferred pager for this system
fn=f/
case "$pager" in
")
 dflt="
 case "$pg" in
 /*) dflt=$pg;;
 [a-zA-Z]:/*) dflt=$pg;;
 esac
 case "$more" in
 /*) dflt=$more;;
```

```
 [a-zA-Z]:/*) dflt=$more;;
 esac
 case "$less" in
 /*) dflt=$less;;
 [a-zA-Z]:/*) dflt=$less;;
 esac
 case "$dflt" in
 ") dflt=/usr/ucb/more;;
 esac
 ;;
*) dflt="$pager"
 ;;
esac
?X: Instruct ./getfile to trust the default pager value,
?X: even if it does not begin with a slash.  For example, on os2,
?X: pager might be cmd /c more.  Also, it might include some options,
?X: such as '/usr/bin/less -R'.  ./getfile would report that
?X: "/usr/bin/less -R" doesn't exist.
?X: See comments in Getfile.U.
fn="f/($dflt)"
echo " "
rp='What pager is used on your system?'
. ./getfile
pager="$ans"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/pager.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_voidsig.U,v 3.0.1.3 1995/05/12 12:12:46 ram Exp $
?RCS:
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?RCS:
?RCS: $Log: d_voidsig.U,v $
?RCS: Revision 3.0.1.3  1995/05/12  12:12:46  ram
?RCS: patch54: made cppflags dependency optional
?RCS:
?RCS: Revision 3.0.1.2  1994/08/29  16:20:35  ram
?RCS: patch32: now sets signal_t only once d_voidsig is known (WED)
?RCS:
?RCS: Revision 3.0.1.1  1994/06/20  06:59:54  ram
```

```
?RCS: patch30: now properly sets signal_t when re-using previous value
?RCS:
?RCS: Revision 3.0  1993/08/18  12:07:56  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_voidsig
 signal_t: rm contains cppstdin cppminus +cppflags test Myread \
 Oldconfig Setvar Findhdr
?MAKE: -pick add $@ %<
?S:d_voidsig:
?S: This variable conditionally defines VOIDSIG if this system
?S: declares "void (*signal(...))()" in signal.h.  The old way was to
?S: declare it as "int (*signal(...))()".
?S:.
?S:signal_t:
?S: This variable holds the type of the signal handler (void or int).
?S:.
?C:VOIDSIG:
?C: This symbol is defined if this system declares "void (*signal(...))()" in
?C: signal.h.  The old way was to declare it as "int (*signal(...))()".  It
?C: is up to the package author to declare things correctly based on the
?C: symbol.
?C:.
?C:Signal_t (SIGNAL_T):
?C: This symbol's value is either "void" or "int", corresponding to the
?C: appropriate return type of a signal handler.  Thus, you can declare
?C: a signal handler using "Signal_t (*handler)()", and define the
?C: handler using "Signal_t handler(sig)".
?C:.
?H:#$d_voidsig VOIDSIG /**/
?H:#define
 Signal_t $signal_t /* Signal handler's return type */
?H:.
?T:xxx
?LINT:set d_voidsig
: see if signal is declared as pointer to function returning int or void
echo " "
xxx=`./findhdr signal.h`
$test "$xxx" && $cppstdin $cppminus $cppflags < $xxx >$$.tmp 2>/dev/null
if $contains 'int.*\*[  ]*signal' $$.tmp >/dev/null 2>&1 ; then
 echo "You have int (*signal())() instead of void." >&4
 val="$undef"
elif $contains 'void.*\*[  ]*signal' $$.tmp >/dev/null 2>&1 ; then
 echo "You have void (*signal())()." >&4
 val="$define"
elif $contains 'extern[  ]*[(\*]*signal' $$.tmp >/dev/null 2>&1 ; then
 echo "You have int (*signal())() instead of void." >&4
 val="$undef"
```

```
?X: This next test is kind of sloppy, but it catches Linux
?X: which has a
?X:  typedef void (*__sighandler_t)  (int)  ;
?X: A better fix would be to compile a C program with the proper
?X: prototype, but since nearly everyone uses void, we'll just go with
?X: this.
elif $contains 'void.*\*.*sig' $$.tmp >/dev/null 2>&1 ; then
 echo "You
 have void (*signal())()." >&4
 val="$define"
else
 case "$d_voidsig" in
 ")
 echo "I can't determine whether signal handler returns void or int..." >&4
  dflt=void
  rp="What type does your signal handler return?"
  . ./myread
  case "$ans" in
  v*) val="$define";;
  *) val="$undef";;
  esac;;
 "$define")
  echo "As you already told me, signal handler returns void." >&4
  val="$define"
  ;;
 *) echo "As you already told me, signal handler returns int." >&4
  val="$undef"
  ;;
 esac
fi
set d_voidsig
eval $setvar
case "$d_voidsig" in
"$define") signal_t="void";;
*) signal_t="int";;
esac
$rm -f $$.tmp
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_voidsig.U
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```
?RCS: $Id: Warn.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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```

```
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Extract.U,v $
?X:
?X: This unit produces a shell script which can be run in order to emit
?X: an important warning to the user, which will be remembered and shown
?X: at the end of the Configure run as well.
?X:
?X: A typical use would be:
?X:
?X:  ./warn <<EOM
?X:  Problem with your C compiler: can't turn debugging on.
?X:  EOM
?X:
?X: or:
?X:
?X:  ./warn "Problem with your C compiler: can't turn debugging on."
?X:
?X: Which will both display to the user:
?X:
?X:  ***
 WARNING:
?X:  *** Problem with your C compiler: can't turn debugging on.
?X:  ***
?X:
?MAKE:Warn: startsh eunicefix
?MAKE: -pick add $@ %<
?F:./warn
: script used to emit important warnings
cat >warn <<EOS
$startsh
?X: Read the whole warning message from stdin into a temporary file
?X: when no argument was supplied.
if test \$# -gt 0; then
 echo "\$@" >msg
else
 cat >msg
fi
?X: Emit the warning, prefixing all lines with '*** '
echo "*** WARNING:" >&4
sed -e 's/^/*** /' <msg >&4
echo "*** " >&4
?X: Save the warning in the logs, which will be shown again at the end
cat msg >>config.msg
echo " " >>config.msg
```

```
rm -f msg
EOS
chmod +x warn
$eunicefix warn
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Warn.U
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```
?RCS: $Id: d_wait4.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_wait4.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:01  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_wait4: Inlibc
?MAKE: -pick add $@ %<
?S:d_wait4:
?S: This variable conditionally defines the HAS_WAIT4 symbol, which
?S: indicates the wait4() routine is available.
?S:.
?C:HAS_WAIT4 (WAIT4):
?C: This symbol, if defined, indicates that wait4() exists.
?C:.
?H:#$d_wait4 HAS_WAIT4 /**/
?H:.
?LINT:set d_wait4
: see if there is a wait4
set
 wait4 d_wait4
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_wait4.U
No license file was found, but licenses were detected in source scan.

```
/*
* $Id: rename.C,v 3.0.1.1 1994/01/24 13:58:42 ram Exp ram $
```

```
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*  of the source tree for dist 4.0.
*
* $Log: rename.C,v $
* Revision 3.0.1.1  1994/01/24  13:58:42  ram
* patch16: created
*
*/
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/C/fake/rename.C
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
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?RCS:
?MAKE:d_fmin: Inlibc
?MAKE: -pick add $@ %<
?S:d_fmin:
?S: This variable conditionally defines the HAS_FMIN symbol, which
?S: indicates to the C program that the fmin() routine is available.
?S:.
?C:HAS_FMIN:
?C: This symbol, if defined, indicates that the fmin routine is
?C: available to do the minimum function.
?C:.
?H:#$d_fmin HAS_FMIN  /**/
?H:.
?LINT:set d_fmin
: see if fmin exists
set fmin d_fmin
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fmin.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999, Jarkko Hietaniemi
```

```
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:fflushNULL fflushall: Compile cat rm rm_try test osname run to from \
 Oldconfig Myread Setvar echo targethost \
 d_sysconf i_unistd d_stdio_stream_array stdio_stream_array i_stdlib
?MAKE: -pick add $@ %<
?S:fflushNULL:
?S: This symbol, if defined, tells that fflush(NULL) correctly
?S: flushes all pending stdio output without side effects. In
?S: particular, on some platforms calling fflush(NULL) *still*
?S: corrupts STDIN if it is a pipe.
?S:.
?S:fflushall:
?S: This symbol, if defined, tells that to flush
?S: all
 pending stdio output one must loop through all
?S: the stdio file handles stored in an array and fflush them.
?S: Note that if fflushNULL is defined, fflushall will not
?S: even be probed for and will be left undefined.
?S:.
?C:FFLUSH_NULL:
?C: This symbol, if defined, tells that fflush(NULL) correctly
?C: flushes all pending stdio output without side effects. In
?C: particular, on some platforms calling fflush(NULL) *still*
?C: corrupts STDIN if it is a pipe.
?C:.
?C:FFLUSH_ALL:
?C: This symbol, if defined, tells that to flush
?C: all pending stdio output one must loop through all
?C: the stdio file handles stored in an array and fflush them.
?C: Note that if fflushNULL is defined, fflushall will not
?C: even be probed for and will be left undefined.
?C:.
?H:#$fflushNULL FFLUSH_NULL  /**/
?H:#$fflushall FFLUSH_ALL  /**/
?H:.
?T:output code
?F:!try.out !try !tryp
: Check how to flush
echo " "
$cat >&4 <<EOM
Checking how to flush all pending stdio output...
EOM
```

```
# I only know how to find
 the first 32 possibly open files on SunOS.
# See also hints/sunos_4_1.sh and util.c  --AD
case "$osname" in
sunos) $echo '#define PERL_FFLUSH_ALL_FOPEN_MAX 32' > try.c ;;
esac
$cat >>try.c <<EOCP
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#$i_unistd I_UNISTD
#ifdef I_UNISTD
# include <unistd.h>
#endif
#$d_sysconf HAS_SYSCONF
#$d_stdio_stream_array HAS_STDIO_STREAM_ARRAY
#ifdef HAS_STDIO_STREAM_ARRAY
# define STDIO_STREAM_ARRAY $stdio_stream_array
#endif
int main() {
 FILE* p;
 unlink("try.out");
 p = fopen("try.out", "w");
#ifdef TRY_FPUTC
 fputc('x', p);
#else
# ifdef TRY_FPRINTF
 fprintf(p, "x");
# endif
#endif
#ifdef TRY_FFLUSH_NULL
 fflush(NULL);
#endif
#ifdef TRY_FFLUSH_ALL
 {
   long open_max = -1;
# ifdef PERL_FFLUSH_ALL_FOPEN_MAX
   open_max = PERL_FFLUSH_ALL_FOPEN_MAX;
# else
#  if defined(HAS_SYSCONF) && defined(_SC_OPEN_MAX)
   open_max = sysconf(_SC_OPEN_MAX);
#  else
#   ifdef FOPEN_MAX
   open_max = FOPEN_MAX;
#   else
#
```

```
    ifdef OPEN_MAX
   open_max = OPEN_MAX;
#    else
#     ifdef _NFILE
   open_max = _NFILE;
#     endif
#    endif
#   endif
#  endif
# endif
# ifdef HAS_STDIO_STREAM_ARRAY
   if (open_max > 0) {
     long i;
     for (i = 0; i < open_max; i++)
     if (STDIO_STREAM_ARRAY[i]._file >= 0 &&
  STDIO_STREAM_ARRAY[i]._file < open_max &&
  STDIO_STREAM_ARRAY[i]._flag)
  fflush(&STDIO_STREAM_ARRAY[i]);
   }
 }
# endif
#endif
 _exit(42);
}
EOCP
: first we have to find out how _not_ to flush
$to try.c
if $test "X$fflushNULL" = X -o "X$fflushall" = X; then
   output=''
   set try -DTRY_FPUTC
   if eval $compile; then
     $run ./try 2>/dev/null
     code="$?"
     $from try.out
     if $test ! -s try.out -a "X$code" = X42; then
  output=-DTRY_FPUTC
     fi
   fi
   case "$output" in
   '')
     set try -DTRY_FPRINTF
     if eval $compile; then
      $run ./try 2>/dev/null
      code="$?"
      $from try.out
      if $test ! -s try.out -a "X$code" = X42; then
   output=-DTRY_FPRINTF
```

```
    fi
     fi
 ;;
   esac
fi
: check for fflush NULL behavior
case "$fflushNULL" in
") set try -DTRY_FFLUSH_NULL $output
 if eval $compile; then
  $run ./try 2>/dev/null
  code="$?"
  $from try.out
  if $test -s try.out -a "X$code" = X42; then
   fflushNULL="`$cat try.out`"
  else
   if $test "X$code" != X42; then
    $cat >&4 <<EOM
(If this test failed, don't worry, we'll try another method shortly.)
EOM
   fi
  fi
 fi
 $rm -f core try.core core.try.*
 case "$fflushNULL" in
 x) $cat >&4 <<EOM
Your fflush(NULL) works okay for output streams.
Let's see if it clobbers input pipes...
EOM
# As of mid-March 2000 all versions of Solaris appear to have a stdio
# bug that improperly flushes the input end of pipes.  So we avoid the
# autoflush on fork/system/exec support for now. :-(
$cat >tryp.c <<EOCP
#include <stdio.h>
int
main(int argc, char **argv)
{
   char buf[1024];
   int i;
   char *bp = buf;
   while (1) {
 while ((i = getc(stdin)) != -1
        && (*bp++ = i) != '\n'

     && bp < &buf[1024])
 /* DO NOTHING */ ;
 *bp = '\0';
 fprintf(stdout, "%s", buf);
 fflush(NULL);
```

```
 if (i == -1)
     return 0;
 bp = buf;
   }
}
EOCP
  fflushNULL="$define"
  set tryp
  if eval $compile; then
      $rm -f tryp.out
      # Copy the .c file to the remote host ($to is an ssh-alike if targethost is set)
      if $test "X$targethost" != X; then
   $to tryp.c
   $to tryp
   $run "cat tryp.c | ./tryp " 2>/dev/null > tryp.out
      else
   $cat tryp.c | $run ./tryp   2>/dev/null > tryp.out
      fi
      if cmp tryp.c tryp.out >/dev/null 2>&1; then
         $cat >&4 <<EOM
fflush(NULL) seems to behave okay with input streams.
EOM
   fflushNULL="$define"
      else
   $cat >&4 <<EOM
Ouch, fflush(NULL) clobbers input pipes!  We will not use it.
EOM
   fflushNULL="$undef"
      fi
  fi
  $rm -f core tryp.c tryp.core core.tryp.*
  ;;
 ") $cat >&4 <<EOM
Your fflush(NULL) isn't working (contrary to ANSI C).
EOM
  fflushNULL="$undef"
  ;;
 *) $cat >&4 <<EOM
Cannot figure out whether
 your fflush(NULL) works or not.
I'm assuming it doesn't (contrary to ANSI C).
EOM
  fflushNULL="$undef"
  ;;
 esac
 ;;
$define|true|[yY]*)
 fflushNULL="$define"
```

```
 ;;
*)
 fflushNULL="$undef"
 ;;
esac
: check explicit looping only if NULL did not work, and if the pipe
: bug does not show up on an explicit flush too
case "$fflushNULL" in
"$undef")
 $cat >tryp.c <<EOCP
#include <stdio.h>
int
main(int argc, char **argv)
{
   char buf[1024];
   int i;
   char *bp = buf;
   while (1) {
 while ((i = getc(stdin)) != -1
        && (*bp++ = i) != '\n'
        && bp < &buf[1024])
 /* DO NOTHING */ ;
 *bp = '\0';
 fprintf(stdout, "%s", buf);
 fflush(stdin);
 if (i == -1)
     return 0;
 bp = buf;
   }
}
EOCP
 set tryp
 if eval $compile; then
     $rm -f tryp.out
     if $test "X$targethost" != X; then
  $to tryp.c
  $to tryp
  $run "cat tryp.c | ./tryp " 2>/dev/null > tryp.out
     else
  $cat tryp.c | $run ./tryp   2>/dev/null > tryp.out
     fi
     if cmp tryp.c tryp.out >/dev/null 2>&1;
 then
        $cat >&4 <<EOM
Good, at least fflush(stdin) seems to behave okay when stdin is a pipe.
EOM
  : now check for fflushall behaviour
  case "$fflushall" in
```

```
  ") set try -DTRY_FFLUSH_ALL $output
   if eval $compile; then
    $cat >&4 <<EOM
(Now testing the other method--but note that this also may fail.)
EOM
    $run ./try 2>/dev/null
    code=$?
    $from try.out
    if $test -s try.out -a "X$code" = X42; then
     fflushall="`$cat try.out`"
    fi
   fi
   $rm_try
   case "$fflushall" in
   x) $cat >&4 <<EOM
Whew. Flushing explicitly all the stdio streams works.
EOM
    fflushall="$define"
    ;;
   ") $cat >&4 <<EOM
Sigh. Flushing explicitly all the stdio streams doesn't work.
EOM
    fflushall="$undef"
    ;;
   *) $cat >&4 <<EOM
Cannot figure out whether flushing stdio streams explicitly works or not.
I'm assuming it doesn't.
EOM
    fflushall="$undef"
    ;;
   esac
   ;;
  "$define"|true|[yY]*)
   fflushall="$define"
   ;;
  *)
   fflushall="$undef"
   ;;
  esac

 else
  $cat >&4 <<EOM
All is futile.  Even fflush(stdin) clobbers input pipes!
EOM
  fflushall="$undef"
     fi
 else
     fflushall="$undef"
```

```
 fi
 $rm -f core tryp.c tryp.core core.tryp.*
 ;;
*) fflushall="$undef"
 ;;
esac

case "$fflushNULL$fflushall" in
undefundef)
 $cat <<EOM
OK, I give up.  I cannot figure out how to flush pending stdio output.
We won't be flushing handles at all before fork/exec/popen.
EOM
 ;;
esac
$rm_try tryp
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/fflushall.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: usrinc.U,v 1.1 2000/06/27 00:20:28 jhi Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: usrinc.U,v $
?RCS: Revision 1.1  2000/06/27 00:20:28  jhi
?RCS: Initial revision
?RCS:
?RCS: Revision 3.0.1.3  1997/02/28  16:27:12  ram
?RCS: patch61: don't ask for the include path unless they are on a MIPS
?RCS:
?RCS: Revision 3.0.1.2  1995/05/12  12:24:36  ram
?RCS: patch54: ensure that ./mips always exists (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/05/06  15:18:31  ram
?RCS: patch23: ensure usrinc value is preserved across sessions (WED)
?RCS:
?RCS: Revision
 3.0  1993/08/18  12:09:58  ram
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
?MAKE:usrinc incpath mips_type: test cat echo n c Getfile Guess \
 Oldconfig eunicefix contains rm sysroot cc
?MAKE: -pick add $@ %<
?S:usrinc:
?S: This variable holds the path of the include files, which is
?S: usually /usr/include. It is mainly used by other Configure units.
?S:.
?S:incpath:
?S: This variable must precede the normal include path to get the
?S: right one, as in "$incpath/usr/include" or "$incpath/usr/lib".
?S: Value can be "" or "/bsd43" on mips.
?S:.
?S:mips_type:
?S: This variable holds the environment type for the mips system.
?S: Possible values are "BSD 4.3" and "System V".
?S:.
?D:usrinc='/usr/include'
?LINT:extern cppflags
?LINT:create mips
?T:xxx_prompt
?F:./mips
: What should the include directory be ?
: Use sysroot if set, so findhdr looks in the right place.
echo " "
$echo $n "Hmm...  $c"
dflt="$sysroot/usr/include"
incpath=''
?X: mips_type is used later, to add -DSYSTYPE_BSD43
 to cppflags if needed.
mips_type=''
?X:
?X: Cannot put the following in Guess, or we get a circular dependency.
?X:
if $test -f /bin/mips && /bin/mips; then
 echo "Looks like a MIPS system..."
 $cat >usr.c <<'EOCP'
#ifdef SYSTYPE_BSD43
/bsd43
#endif
EOCP
 if $cc $cppflags -E usr.c > usr.out && $contains / usr.out >/dev/null 2>&1; then
  dflt='/bsd43/usr/include'
  incpath='/bsd43'
  mips_type='BSD 4.3'
 else
  mips_type='System V'
 fi
```

```
 $rm -f usr.c usr.out
 echo "and you're compiling with the $mips_type compiler and libraries."
 xxx_prompt=y
 echo "exit 0" >mips
else
 echo "Doesn't look like a MIPS system."
 xxx_prompt=n
 echo "exit 1" >mips
fi
chmod +x mips
$eunicefix mips
case "$usrinc" in
") ;;
*) dflt="$usrinc";;
esac
case "$xxx_prompt" in
y) fn=d/
 echo " "
 rp='Where are the include files you want to use?'
 . ./getfile
 usrinc="$ans"
 ;;
*) usrinc="$dflt"
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/usrinc.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_strerror_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_strerror_r strerror_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads extern_C
?MAKE: -pick add $@ %<
?S:d_strerror_r:
?S: This variable conditionally defines the HAS_STRERROR_R symbol,
?S: which indicates to the C program that the strerror_r()
?S: routine is available.
?S:.
?S:strerror_r_proto:
```

```
?S: This variable encodes the prototype of strerror_r.
?S: It is zero if d_strerror_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_strerror_r
?S: is defined.
?S:.
?C:HAS_STRERROR_R:
?C: This symbol, if defined, indicates that the strerror_r routine
?C: is available to strerror
 re-entrantly.
?C:.
?C:STRERROR_R_PROTO:
?C: This symbol encodes the prototype of strerror_r.
?C: It is zero if d_strerror_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_strerror_r
?C: is defined.
?C:.
?H:#$d_strerror_r HAS_STRERROR_R /**/
?H:#define STRERROR_R_PROTO $strerror_r_proto /**/
?H:.
?T:try hdrs d_strerror_r_proto
: see if strerror_r exists
set strerror_r d_strerror_r
eval $inlibc
case "$d_strerror_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h define string.h"
 case "$d_strerror_r_proto:$usethreads" in
 ":define") d_strerror_r_proto=define
  set d_strerror_r_proto strerror_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_strerror_r_proto" in
 define)
 case "$strerror_r_proto" in
 "|0) try='int strerror_r(int, char*, size_t);'
 ./protochk "$extern_C $try" $hdrs && strerror_r_proto=I_IBW ;;
 esac
 case "$strerror_r_proto" in
 "|0) try='int strerror_r(int, char*, int);'
 ./protochk "$extern_C $try" $hdrs && strerror_r_proto=I_IBI
 ;;
 esac
 case "$strerror_r_proto" in
 "|0) try='char* strerror_r(int, char*, size_t);'
 ./protochk "$extern_C $try" $hdrs && strerror_r_proto=B_IBW ;;
 esac
 case "$strerror_r_proto" in
```

```
"|0) d_strerror_r=undef
 strerror_r_proto=0
 echo "Disabling strerror_r, cannot determine prototype." >&4 ;;
* ) case "$strerror_r_proto" in
 REENTRANT_PROTO*) ;;
 *) strerror_r_proto="REENTRANT_PROTO_$strerror_r_proto" ;;
 esac
 echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
 define) echo "strerror_r has no prototype, not using it." >&4 ;;
 esac
 d_strerror_r=undef
 strerror_r_proto=0
 ;;
esac
;;
*) strerror_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_strerror_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: MailAuthor.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Graham Stoney <greyham@research.canon.oz.au>
?RCS:
?RCS: $Log: MailAuthor.U,v $
?RCS: Revision 3.0.1.5  1997/02/28  15:04:41  ram
?RCS: patch61: added support for src.U
?RCS:
?RCS: Revision 3.0.1.4  1994/08/29  16:05:09  ram
?RCS: patch32: avoid message sending if they said no previously
?RCS:
?RCS: Revision 3.0.1.3  1993/10/16  13:47:30  ram
?RCS: patch12: now makes sure user-specified address is in Internet format
```

```
?RCS:
?RCS: Revision
 3.0.1.2  1993/09/13  15:48:49  ram
?RCS: patch10: reverted to original intent by the Author himself
?RCS:
?RCS: Revision 3.0.1.1  1993/08/27  14:38:38  ram
?RCS: patch7: now prompts user for its e-mail address
?RCS: patch7: no longer silent when mail has been sent
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:06  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?RCS:
?X:
?X: This unit asks the user to please send a message to the author.
?X: To force inclusion of this unit, you must add it's name to the
?X: dependancies on the MAKE line in your private copy of End.U.
?X: This allows a smart mailagent program to automatically let users know
?X: when their package is out of date, and to allow users to be notified of
?X: any future patches.
?X:
?MAKE:MailAuthor mailpatches notifypatches usermail: test cat mailer \
 package Myread patchlevel baserev rm rsrc Oldconfig Configdir
?MAKE: -pick wipe $@ %<
?S:mailpatches:
?S: Indicates whether the user would like future patches to be mailed
?S: directly
 to them.
?S:.
?S:notifypatches:
?S: Indicates whether the user would like notification of future patches
?S: mailed to them.
?S:.
?S:usermail:
?S: This variable is used internally by Configure to keep track of the
?S: user e-mail address, where notifications or patches should be sent.
?S: A '-' value means the return address will be extracted by parsing
?S: the mail headers.
?S:.
?T:opt mailpatches notifypatches atsh status
: notify author that his package is used
if $test -f ../.config/mailauthor &&
 cmp $rsrc/patchlevel.h ../.config/mailauthor >/dev/null 2>&1
then
 status="say that you're using $package";
 case "$mailpatches" in
 true) status='have patches mailed to you as they are issued';;
 esac
```

```
 case "$notifypatches" in
 true) status='be notified when new patches are issued';;
 esac
 $cat <<EOM

You have already sent the author of $package (<MAINTLOC>) mail to
$status. If you wish, you may modify
your previous request by sending a new mail with different options.

EOM
 rp='Should
 I send a status update to <MAINTLOC>?'
 dflt=n
else
 $cat <<EOM

If you are able to send mail to the Internet, the author of $package would
really appreciate you letting me send off a quick note, just to say that you've
tried it. The author is more likely to spend time maintaining $package if it's
known that many people are using it, and you can even ask to get sent new
patches automagically this way if you wish. To protect your privacy, all I'll
say in the mail is the version of $package that you're using.

EOM
 rp='Should I send mail to <MAINTLOC>?'
 dflt=y
?X: Ensure default is 'n' if question has been asked already, in case they
?X: run Configure -d next time and answered 'n' the first time. Therefore,
?X: an empty nomail will be created later on even if no mail is sent.
 $test -f ../.config/nomail && dflt=n
fi
. ./myread
case "$ans" in
[yY]*)
 echo " "
 echo "Great! Your cooperation is really appreciated."
 $cat <<EOM

Some braindead sites do not set a proper return
 address in the From: header of
their outgoing mail, making it impossible to reply to mail they generate.
If your site is broken in this way, write to your system administrator and get
it fixed!!! In the mean time, you can manually specify the Internet e-mail
address by which the author can get back to you, should there be a need to do
so. If manually specified, it should be something like "user@domain.top".
If your mail system generates addresses correctly, specify "none".

EOM
```

```
 case "$usermail" in
 '-'|'') dflt=none;;
 *) dflt="$usermail";;
 esac
 rp='Manually specify a return address to use:'
 . ./myread
 case "$ans" in
 none|*@*.*)
  case "$ans" in
  none) usermail='-';;
  *) usermail="$ans";;
  esac
  ;;
 *)
  echo "(Address does not look like an Internet one -- ignoring it.)"
?X:
?X: If we can't trust their mailer or their return address, it's highly
?X: suggested that they only register and don't ask to get anything from
?X: the author, since it's likely to bounce in null-land --
 RAM.
?X:
  usermail='-'
  mailpatches=false
  notifypatches=false
  ;;
 esac
 echo " "
 opt=''
 rp='Would you like to have new patches automatically mailed to you?'
 case "$mailpatches" in
 true) dflt=y;;
 *) dflt=n;;
 esac
 . ./myread
 case "$ans" in
 [yY]*) opt=' mailpatches'; mailpatches=true;;
 *)
  mailpatches=false
  echo " "
  rp='Ok, would you like to simply be notified of new patches?'
  case "$notifypatches" in
  false) dflt=n;;
  *) dflt=y;;
  esac
  . ./myread
  echo " "
  case "$ans" in
  [yY]*) opt=' notifypatches'; notifypatches=true;;
```

```
  *)
   echo "Fine, I'll simply say that you've tried it then."
   notifypatches=false
   ;;
  esac
  ;;
 esac
 echo "Sending mail to <MAINTLOC>..." >&4
?X: Bizarre hack here. We can't just put @SH in the hereis lines below, because
?X: metaconfig will interpret it as a command, and there's no quoting mechanism.
?X: Do it via a variable instead.
 atsh='@SH'
 $mailer <MAINTLOC> <<EOM >/dev/null 2>&1
Subject: Command
Precedence: junk
To: <MAINTLOC>

$atsh
 package $usermail $package $baserev $patchlevel$opt
EOM
 $rm -f ../.config/mailauthor ../.config/nomail
 cp $rsrc/patchlevel.h ../.config/mailauthor
 ;;
*)
 case "$dflt" in
 "y")
  echo "Oh well, maybe next time."
  cp /dev/null ../.config/nomail
  ;;
 esac
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/MailAuthor.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1998, Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?X:
```

```
?X: Useless unit dropped.  Use randfunc instead.
?X:
?LINT:empty
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/randbits.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_drand48proto: Hasproto i_stdlib i_unistd
?MAKE: -pick add $@ %<
?S:d_drand48proto:
?S: This variable conditionally defines the HAS_DRAND48_PROTO symbol,
?S: which indicates to the C program that the system provides
?S: a prototype for the drand48() function.  Otherwise, it is
?S: up to the program to supply one.
?S:.
?C:HAS_DRAND48_PROTO:
?C: This symbol, if defined, indicates that the system provides
?C: a prototype for the drand48() function.  Otherwise, it is up
?C: to the program to supply one.  A good guess
 is
?C:  extern double drand48(void);
?C:.
?H:#$d_drand48proto HAS_DRAND48_PROTO /**/
?H:.
?LINT:set d_drand48proto
: see if prototype for drand48 is available
echo " "
set d_drand48proto drand48 $i_stdlib stdlib.h $i_unistd unistd.h
eval $hasproto
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/d_drand48proto.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
```

```
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: prefix.U,v $
?RCS: Revision 3.0.1.2  1995/01/30  14:44:05  ram
?RCS: patch49: new prefixexp variable holding a fully expanded prefix
?RCS: patch49: save off previous prefix value in oldprefix if changed (WED)
?RCS: patch49: added the INSTALLPREFIX define for C programs to use (WED)
?RCS:
?RCS: Revision 3.0.1.1  1994/08/29  16:31:34  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:prefix prefixexp +oldprefix: Getfile Loc Oldconfig
 cat package
?MAKE: -pick add $@ %<
?S:prefix:
?S: This variable holds the name of the directory below which the
?S: user will install the package.  Usually, this is /usr/local, and
?S: executables go in /usr/local/bin, library stuff in /usr/local/lib,
?S: man pages in /usr/local/man, etc.  It is only used to set defaults
?S: for things in bin.U, mansrc.U, privlib.U, or scriptdir.U.
?S:.
?S:prefixexp:
?S: This variable holds the full absolute path of the directory below
?S: which the user will install the package.  Derived from prefix.
?S:.
?S:oldprefix:
?S: This variable is set non-null if the prefix was previously defined
?S: and gets set to a new value. Used internally by Configure only.
?S:.
?C:INSTALLPREFIX:
?C: This symbol contains the name of the install prefix for this package.
?C:.
?H:#define INSTALLPREFIX "$prefix"  /**/
?H:.
: determine root of directory hierarchy where package will be installed.
case "$prefix" in
")
 dflt=`./loc . /usr/local /usr/local /local /opt
```

```
 /usr`
 ;;
*)
 dflt="$prefix"
 ;;
esac
$cat <<EOM

By default, $package will be installed in $dflt/bin, manual
pages under $dflt/man, etc..., i.e. with $dflt as prefix for
all installation directories. Typically set to /usr/local, but you
may choose /usr if you wish to install $package among your system
binaries. If you wish to have binaries under /bin but manual pages
under /usr/local/man, that's ok: you will be prompted separately
for each of the installation directories, the prefix being only used
to set the defaults.

EOM
fn=d~
rp='Installation prefix to use?'
. ./getfile
oldprefix=''
case "$prefix" in
'') ;;
*)
 case "$ans" in
 "$prefix") ;;
 *) oldprefix="$prefix";;
 esac
 ;;
esac
prefix="$ans"
prefixexp="$ansexp"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/prefix.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_scorfl.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
?RCS: $Log: d_scorfl.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:01  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_scorfl: cat Myread Oldconfig nametype Setvar
?MAKE: -pick add $@ %<
?S:d_scorfl:
?S: This variable conditionally defines the SCOREFULL symbol, which
?S: indicates to the C program that any scoreboard kept by the program
?S: should be kept on the basis of the user's full name as opposed to
?S: the user's login name.
?S:.
?C:SCOREFULL:
?C: This
 symbol, if defined, indicates that any scoreboard kept by the
?C: program should be kept on the basis of the user's full name as opposed
?C: to the user's login name.  If the user can change his full name he
?C: can enter multiple scores if this is defined.
?C:.
?H:#$d_scorfl SCOREFULL /**/
?H:.
?LINT:set d_scorfl
: see how they want the scoreboard kept
case "$d_scorfl" in
"$define") dflt=y ;;
*) dflt=n ;;
esac
case "$nametype" in
other) val="$undef" ;;
*)
 $cat <<'EOM'

The scoreboard can be kept with one score per login name, or one score per full
name.  If users can change their full name, or if there is more than one person
on your system with the same full name, you should keep the score by login name
(the full name is still printed).

EOM
 rp='Do you want the scoreboard kept by full name?'
 . ./myread
 case "$ans" in
 y*) val="$define" ;;
 *) val="$undef" ;;
 esac
 ;;
esac
set d_scorfl
```

eval $setvar

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_scorfl.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: Oldconfig.U,v 3.0.1.10 1997/02/28 15:06:39 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: Oldconfig.U,v $
?RCS: Revision 3.0.1.10 1997/02/28 15:06:39 ram
?RCS: patch61: added support for src.U
?RCS: patch61: new OSNAME define
?RCS: patch61: can now sense new OSes
?RCS:
?RCS: Revision 3.0.1.9 1995/07/25 13:40:51 ram
?RCS: patch56: now knows about OS/2 platforms
?RCS:
?RCS: Revision 3.0.1.8 1995/05/12 12:04:18 ram
?RCS: patch54: config.sh reload logic now knows about new -K switch
?RCS: patch54: cleaned up and extended osvers for DEC
 OSF/1 (ADO)
?RCS: patch54: added MachTen detection (ADO)
?RCS:
?RCS: Revision 3.0.1.7 1995/02/15 14:13:41 ram
?RCS: patch51: adapted osvers computation for AIX (ADO)
?RCS:
?RCS: Revision 3.0.1.6 1995/01/30 14:27:15 ram
?RCS: patch49: unit Options.U now exports file optdef.sh, not a variable
?RCS: patch49: update code for myuname changed (WED)
?RCS:
?RCS: Revision 3.0.1.5 1995/01/11 15:15:36 ram
?RCS: patch45: added quotes around the INITPROG variable (ADO)
?RCS: patch45: allows variable overriding after config file loading
?RCS:
?RCS: Revision 3.0.1.4 1994/10/29 15:57:05 ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS: patch36: merged with the version used for perl5's Configure (ADO)
?RCS:
?RCS: Revision 3.0.1.3 1994/05/06 14:24:17 ram

```
?RCS: patch23: added support for osf1 hints
?RCS: patch23: new support for solaris and i386 systems (ADO)
?RCS:
?RCS: Revision 3.0.1.2  1994/01/24  14:05:02  ram
?RCS: patch16: added post-processing on myuname for Xenix targets
?RCS:
 patch16: message proposing config.sh defaults made consistent
?RCS:
?RCS: Revision 3.0.1.1  1993/09/13  15:56:32  ram
?RCS: patch10: force use of config.sh when -d option is used (WAD)
?RCS: patch10: complain about non-existent hint files (WAD)
?RCS: patch10: added Options dependency for fastread variable
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:12  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit tries to remember what we did last time we ran Configure, mostly
?X: for the sake of setting defaults.
?X:
?MAKE:Oldconfig hint myuname osname osvers: Instruct Myread uname \
 Checkcc Mksymlinks run \
 sh awk sed test cat rm lns tr n c contains Loc Options Tr src trnl ln
?MAKE: -pick wipe $@ %<
?S:myuname:
?S: The output of 'uname -a' if available, otherwise the hostname.
?S: The whole thing is then lower-cased and slashes and single quotes are
?S: removed.
?S:.
?S:hint:
?S: Gives the type of hints used for previous answers. May be one of
?S: "default",
 "recommended" or "previous".
?S:.
?S:osname:
?S: This variable contains the operating system name (e.g. sunos,
?S: solaris, hpux, etc.).  It can be useful later on for setting
?S: defaults.  Any spaces are replaced with underscores.  It is set
?S: to a null string if we can't figure it out.
?S:.
?S:osvers:
?S: This variable contains the operating system version (e.g.
?S: 4.1.3, 5.2, etc.).  It is primarily used for helping select
?S: an appropriate hints file, but might be useful elsewhere for
?S: setting defaults.  It is set to '' if we can't figure it out.
?S: We try to be flexible about how much of the version number
?S: to keep, e.g. if 4.1.1, 4.1.2, and 4.1.3 are essentially the
?S: same for this package, hints files might just be os_4.0 or
```

```
?S: os_4.1, etc., not keeping separate files for each little release.
?S:.
?C:OSNAME:
?C: This symbol contains the name of the operating system, as determined
?C: by Configure.  You shouldn't rely on it too much; the specific
?C: feature tests
 from Configure are generally more reliable.
?C:.
?C:OSVERS:
?C: This symbol contains the version of the operating system, as determined
?C: by Configure.  You shouldn't rely on it too much; the specific
?C: feature tests from Configure are generally more reliable.
?C:.
?H:#define OSNAME "$osname"  /**/
?H:#define OSVERS "$osvers"  /**/
?H:.
?F:!config.sh
?T:tmp tmp_n tmp_c tmp_sh file
?T:xxxxfile xxxfile xxfile xfile hintfile newmyuname
?T:tans _ isesix INITPROG DJGPP
?D:osname="
?LINT:change n c sh
?LINT:extern targetarch
?LINT:extern hostarch
?LINT:change hostarch
?LINT:extern is_os2
: Try to determine whether config.sh was made on this system
case "$config_sh" in
")
?X: indentation wrong on purpose--RAM
?X: Leave a white space between first two '(' for ksh. The sub-shell is needed
?X: on some machines to avoid the error message when uname is not found; e.g.
?X: old SUN-OS 3.2 would not execute hostname in (uname -a || hostname). Sigh!
?X: Now not using a subshell but instead $test.
myuname=`$uname
 -a 2>/dev/null`
$test -z "$myuname" && myuname=`hostname 2>/dev/null`
# Downcase everything to avoid ambiguity.
# Remove slashes and single quotes so we can use parts of this in
# directory and file names.
# Remove newlines so myuname is sane to use elsewhere.
# tr '[A-Z]' '[a-z]' would not work in EBCDIC
# because the A-Z/a-z are not consecutive.
myuname=`echo $myuname | $sed -e "s,['/],,g" | \
 ./tr '[A-Z]' '[a-z]' | $tr $trnl ' '`
?X: Save the value we just computed to reset myuname after we get done here.
newmyuname="$myuname"
dflt=n
```

```
case "$knowitall" in
")
 if test -f ../config.sh; then
  if $contains myuname= ../config.sh >/dev/null 2>&1; then
   eval "`grep myuname= ../config.sh`"
  fi
  if test "X$myuname" = "X$newmyuname"; then
   dflt=y
  fi
 fi
 ;;
*) dflt=y;;
esac

@if {test -d ../hints}
: Get old answers from old config file if Configure was run on the
: same system, otherwise use the hints.
hint=default
cd ..
?X: Since we are now at the root of the source
 tree, we must use $src
?X: to access the sources and not $rsrc. See src.U for details...
if test -f config.sh; then
 echo " "
 rp="I see a config.sh file.  Shall I use it to set the defaults?"
 . UU/myread
 case "$ans" in
 n*|N*) echo "OK, I'll ignore it."
  mv config.sh config.sh.old
  myuname="$newmyuname"
  ;;
 *)  echo "Fetching default answers from your old config.sh file..." >&4
  tmp_n="$n"
  tmp_c="$c"
  tmp_sh="$sh"
  . ./config.sh
  cp config.sh UU
  n="$tmp_n"
  c="$tmp_c"
  : Older versions did not always set $sh.  Catch re-use of such
  : an old config.sh.
  case "$sh" in
  ") sh="$tmp_sh" ;;
  esac
  hint=previous
  ;;
 esac
fi
```

```
. ./UU/checkcc
if test ! -f config.sh; then
 $cat <<EOM

First time through, eh?  I have some defaults handy for some systems
that need some extra help getting the Configure answers right:

EOM
 (cd $src/hints; ls -C *.sh) | $sed 's/\.sh/   /g' >&4
 dflt=''
 : Half the following guesses are probably wrong... If you have better
 : tests or hints,
 please send them to <MAINTLOC>
 : The metaconfig authors would also appreciate a copy...
 $test -f /irix && osname=irix
 $test -f /xenix && osname=sco_xenix
 $test -f /dynix && osname=dynix
 $test -f /dnix && osname=dnix
 $test -f /lynx.os && osname=lynxos
 $test -f /unicos && osname=unicos && osvers=`$uname -r`
 $test -f /unicosmk && osname=unicosmk && osvers=`$uname -r`
 $test -f /unicosmk.ar && osname=unicosmk && osvers=`$uname -r`
 $test -f /bin/mips && /bin/mips && osname=mips
 $test -d /usr/apollo/bin && osname=apollo
 $test -f /etc/saf/_sactab && osname=svr4
 $test -d /usr/include/minix && osname=minix && osvers=`$uname -r`
 $test -f /system/gnu_library/bin/ar.pm && osname=vos
 $test -f /sys/utilities/MultiView && osname=amigaos
 if $test -d /MachTen -o -d /MachTen_Folder; then
?X:  MachTen uname -a output looks like
?X:  xxx 4 0.0 Macintosh
?X:  MachTen /sbin/version output looks like
?X:  MachTen 4.0 Mon Aug 28 10:18:00 1995
?X:  MachTen 3.x had the 'version' command in /usr/etc/version.
  osname=machten
  if
 $test -x /sbin/version; then
   osvers=`/sbin/version | $awk '{print $2}' |
   $sed -e 's/[A-Za-z]$//'`
  elif $test -x /usr/etc/version; then
   osvers=`/usr/etc/version | $awk '{print $2}' |
   $sed -e 's/[A-Za-z]$//'`
  else
   osvers="$2.$3"
  fi
 fi

 $test -f /sys/posix.dll &&
```

```
  $test -f /usr/bin/what &&
  set X `/usr/bin/what /sys/posix.dll` &&
  $test "$3" = UWIN &&
  osname=uwin &&
  osvers="$5"

?X: If we have uname, we already computed a suitable uname -a output,
?X: and it lies in $myuname.
 if $test -f $uname; then
  set X $myuname
  shift

  case "$5" in
  fps*) osname=fps ;;
  mips*)
   case "$4" in
   umips) osname=umips ;;
   *) osname=mips ;;
   esac;;
  [23]100) osname=mips ;;
?X: Interactive Unix.
  i386*)
   tmp=`/bin/uname -X 2>/dev/null|awk '/3\.2v[45]/{ print $(NF) }'`
   if $test "$tmp" != "" -a "$3" = "3.2" -a -f '/etc/systemid'; then
    osname='sco'
    osvers=$tmp
   elif $test -f /etc/kconfig; then
    osname=isc
    if
 test "$lns" = "$ln -s"; then
     osvers=4
    elif $contains _SYSV3 /usr/include/stdio.h > /dev/null 2>&1 ; then
     osvers=3
    elif $contains _POSIX_SOURCE /usr/include/stdio.h > /dev/null 2>&1 ; then
     osvers=2
    fi
   fi
   tmp=''
   ;;
?X: MS-DOS djgpp uname -a output looks like:
?X: ms-dos xxx 6 22 pc
?X:  $1 is the "dos flavor" (need not be "ms-dos").
?X:  $2 is the node name
?X:  $3 and $4 are version/subversion
?X:  $5 is always "pc", but that might not be unique to DJGPP.
?X: (e.g. Solaris_x86 has $5 = i86pc, which doesn't actually conflict,
?X: but it's close enough that I can easily imagine other vendors also
?X: using variants of pc* in $5.)
```

```
?X:  The "DJGPP" environment variable is always set when djgpp is active.
  pc*)
   if test -n "$DJGPP"; then
    osname=dos
    osvers=djgpp
   fi
   ;;
  esac

  case "$1" in
  aix) osname=aix
?X: aix 4.1 uname -a output looks like
?X:  AIX  foo  1 4 000123456789
?X: where $4 is the major release number and $3 is the (minor)
 version.
?X: More detail on the version is available with the oslevel command.
?X: in 3.2.x, it output a string (see case statements below).  In 4.1,
?X: it puts out something like  4.1.1.0
   tmp=`( (oslevel) 2>/dev/null || echo "not found") 2>&1`
   case "$tmp" in
   # oslevel can fail with:
   # oslevel: Unable to acquire lock.
   *not\ found) osvers="$4"."$3" ;;
   '<3240'|'<>3240') osvers=3.2.0 ;;
   '=3240'|'>3240'|'<3250'|'<>3250') osvers=3.2.4 ;;
   '=3250'|'>3250') osvers=3.2.5 ;;
   *) osvers=$tmp;;
   esac
   ;;
  bitrig) osname=bitrig
   osvers="$3"
   ;;
  bsd386) osname=bsd386
   osvers=`$uname -r`
   ;;
  cygwin*) osname=cygwin
   osvers="$3"
   ;;
  *dc.osx) osname=dcosx
   osvers="$3"
   ;;
  dnix) osname=dnix
   osvers="$3"
   ;;
  domainos) osname=apollo
   osvers="$3"
   ;;
  dgux) osname=dgux
```

```
  osvers="$3"
  ;;
 dragonfly) osname=dragonfly
  osvers="$3"
  ;;
?X:  uname -a returns
?X:  DYNIX/ptx xxx 4.0 V4.1.2 i386
 dynixptx*) osname=dynixptx
  osvers=`echo
 "$4"|sed 's/^v//'`
  ;;
 freebsd) osname=freebsd
  osvers="$3" ;;
 genix) osname=genix ;;
?X: GNU/Hurd uname -a gives something like:
?X: GNU foo 0.3 GNU-Mach 1.4/Hurd-0.3 i386-AT386 GNU
?X: GNU gnu 0.3 GNUmach-1.2/Hurd-0.3 i386-AT386 GNU
?X: Note the hostname on the second one, which will fool Configure
?X: into using the SysV case!
 gnu) osname=gnu
  osvers="$3" ;;
?X: HP-UX uname -a gives something like
?X: HP-UX foobar B.10.20 A 9000/735 2016483812 two-user license
?X: Preserve the full 10.20 string instead of the previous plain '10'.
?X:  Thanks to Graham Barr.    --AD 6/30/1998
 hp*) osname=hpux
  osvers=`echo "$3" | $sed 's,.*\.\([0-9]*\.[0-9]*\),\1,'`
  ;;
 irix*) osname=irix
  case "$3" in
  4*) osvers=4 ;;
  5*) osvers=5 ;;
  *) osvers="$3" ;;
  esac
  ;;
 linux) osname=linux
  case "$3" in
  *) osvers="$3" ;;
  esac
  $test -f /system/lib/libandroid.so && osname=linux-android
  ;;
 MiNT) osname=mint
  ;;
 minix) osname=minix
  osvers=`$uname -r`
  ;;
 netbsd*)
```

```
osname=netbsd
  osvers="$3"
  ;;
 news-os) osvers="$3"
  case "$3" in
  4*) osname=newsos4 ;;
  *) osname=newsos ;;
  esac
  ;;
 nonstop-ux) osname=nonstopux ;;
 openbsd) osname=openbsd
  osvers="$3"
  ;;
 os2) osname=os2
  osvers="$4"
  ;;
 POSIX-BC | posix-bc ) osname=posix-bc
  osvers="$3"
  ;;
 powerux | power_ux | powermax_os | powermaxos | \
 powerunix | power_unix) osname=powerux
  osvers="$3"
  ;;
 qnx) osname=qnx
  osvers="$4"
  ;;
 solaris) osname=solaris
  case "$3" in
  5*) osvers=`echo $3 | $sed 's/^5/2/g'` ;;
  *) osvers="$3" ;;
  esac
  ;;
 sunos) osname=sunos
  case "$3" in
  5*) osname=solaris
   osvers=`echo $3 | $sed 's/^5/2/g'` ;;
  *) osvers="$3" ;;
  esac
  ;;
 titanos) osname=titanos
  case "$3" in
  1*) osvers=1 ;;
  2*) osvers=2 ;;
  3*) osvers=3 ;;
  4*) osvers=4 ;;
  *) osvers="$3" ;;
  esac
  ;;
```

```
  ultrix) osname=ultrix
   osvers="$3"
   ;;
  osf1|mls+) case "$5" in
    alpha)
?X: DEC OSF/1 myuname
 -a output looks like:  osf1 xxxx t3.2 123.4 alpha
?X: where the version number can be something like [xvt]n.n
     osname=dec_osf
?X: sizer knows the minor minor version: the letter
     osvers=`sizer -v | awk -FUNIX '{print $2}' | awk '{print $1}' |  tr '[A-Z]' '[a-z]' | sed 's/^[xvt]//'`
     case "$osvers" in
     [1-9].[0-9]*) ;;
     *) osvers=`echo "$3" | sed 's/^[xvt]//'` ;;
     esac
     ;;
   hp*) osname=hp_osf1 ;;
   mips) osname=mips_osf1 ;;
?X: hp and mips were unsupported Technology Releases -- ADO, 24/10/94
   esac
   ;;
  # UnixWare 7.1.2 is known as Open UNIX 8
  openunix|unixware) osname=svr5
   osvers="$4"
   ;;
  uts) osname=uts
   osvers="$3"
   ;;
  vos) osvers="$3"
   ;;
  $2) case "$osname" in
   *isc*) ;;
   *freebsd*) ;;
   svr*)
    : svr4.x or possibly later
    case "svr$3" in
    ${osname}*)
     osname=svr$3
     osvers=$4
     ;;
    esac
    case "$osname" in
    svr4.0)
     : Check for ESIX
     if test -f /stand/boot ; then
      eval `grep '^INITPROG=[a-z/0-9]*$'
 /stand/boot`
      if test -n "$INITPROG" -a -f "$INITPROG"; then
```

```
  isesix=`strings -a $INITPROG|grep 'ESIX SYSTEM V/386 Release 4.0'`
      if test -n "$isesix"; then
       osname=esix4
      fi
     fi
    fi
    ;;
   esac
   ;;
  *) if test -f /etc/systemid; then
    osname=sco
    set `echo $3 | $sed 's/\./ /g'` $4
    if $test -f $src/hints/sco_$1_$2_$3.sh; then
     osvers=$1.$2.$3
    elif $test -f $src/hints/sco_$1_$2.sh; then
     osvers=$1.$2
    elif $test -f $src/hints/sco_$1.sh; then
     osvers=$1
    fi
   else
    case "$osname" in
    ") : Still unknown.  Probably a generic Sys V.
     osname="sysv"
     osvers="$3"
     ;;
    esac
   fi
   ;;
  esac
  ;;
 *) case "$osname" in
  ") : Still unknown.  Probably a generic BSD.
   osname="$1"
   osvers="$3"
   ;;
  esac
  ;;
 esac
else
?X: Try to identify sony's NEWS-OS (BSD unix)
 if test -f /vmunix -a -f $src/hints/news_os.sh; then
  (what /vmunix | UU/tr '[A-Z]'
'[a-z]') > UU/kernel.what 2>&1
  if $contains news-os UU/kernel.what >/dev/null 2>&1; then
   osname=news_os
  fi
  $rm -f UU/kernel.what
?X: Maybe it's OS/2 or DOS or something similar
```

```
 elif test -d c:/. -o -n "$is_os2" ; then
  set X $myuname
  osname=os2
  osvers="$5"
 fi
fi

     case "$targetarch" in
     ") ;;
     *)  hostarch=$osname
        case "$targetarch" in
           nto*|*-nto-*)
              # Will load qnx.sh, which should change osname to nto
              osname=qnx
              osvers="
              ;;
           *linux-android*)
              # Catch arm-linux-androideabi, mipsel-linux-android,
              # and i686-linux-android
              osname=linux-android
              osvers="
              ;;
           *linux*)
              # Something like arm-linux-gnueabihf is really just
              # plain linux.
              osname=linux

              osvers="
              ;;
           *solaris*|*sunos*)
              osname=solaris
              # XXX perhaps we should just assume
              # osvers to be 2, or maybe take the value
              # from targetarch. Using $run before the
              # hints are run is somewhat icky.
              set X `$run $uname -a 2>/dev/null`
              shift
              case "$3" in
                 5*) osvers=`echo $3 | $sed 's/^5/2/g'` ;;
                 *)  osvers="$3" ;;
              esac
              ;;
           *)
    osname=`echo $targetarch|sed 's,^[^-]*-,,'`
    osvers="
           ;;
        esac
        ;;
```

```
    esac

: Now look for a hint file osname_osvers, unless one has been
: specified already.
case "$hintfile" in
"|' ')
 file=`echo "${osname}_${osvers}" | $sed -e 's%\.%_%g' -e 's%_$%%'`
 : Also try without trailing minor version
numbers.
 xfile=`echo $file | $sed -e 's%_[^_]*$%%'`
 xxfile=`echo $xfile | $sed -e 's%_[^_]*$%%'`
 xxxfile=`echo $xxfile | $sed -e 's%_[^_]*$%%'`
 xxxxfile=`echo $xxxfile | $sed -e 's%_[^_]*$%%'`
 case "$file" in
 ") dflt=none ;;
 *)  case "$osvers" in
  ") dflt=$file
   ;;
  *)  if $test -f $src/hints/$file.sh ; then
    dflt=$file
   elif $test -f $src/hints/$xfile.sh ; then
    dflt=$xfile
   elif $test -f $src/hints/$xxfile.sh ; then
    dflt=$xxfile
   elif $test -f $src/hints/$xxxfile.sh ; then
    dflt=$xxxfile
   elif $test -f $src/hints/$xxxxfile.sh ; then
    dflt=$xxxxfile
   elif $test -f "$src/hints/${osname}.sh" ; then
    dflt="${osname}"
   else
    dflt=none
   fi
   ;;
  esac
  ;;
 esac
 if $test -f Policy.sh ; then
  case "$dflt" in
  *Policy*) ;;
  none) dflt="Policy" ;;
  *) dflt="Policy $dflt" ;;
  esac
 fi
 ;;
*)
 dflt=`echo $hintfile | $sed 's/\.sh$//'`
 ;;
```

```
 esac

 if $test -f Policy.sh ; then
  $cat <<EOM

There's also
 a Policy hint file available, which should make the
site-specific (policy) questions easier to answer.
EOM

 fi

 $cat <<EOM

You may give one or more space-separated answers, or "none" if appropriate.
If you have a handcrafted Policy.sh file or a Policy.sh file generated by a
previous run of Configure, you may specify it as well as or instead of
OS-specific hints.  If hints are provided for your OS, you should use them:
although Perl can probably be built without hints on many platforms, using
hints often improve performance and may enable features that Configure can't
set up on its own. If there are no hints that match your OS, specify "none";
DO NOT give a wrong version or a wrong OS.

EOM

 rp="Which of these apply, if any?"
 . UU/myread
 tans=$ans
 for file in $tans; do
  if $test X$file = XPolicy -a -f Policy.sh; then
   . Policy.sh
   $cat Policy.sh >> UU/config.sh
  elif $test -f $src/hints/$file.sh; then
   . $src/hints/$file.sh
   $cat $src/hints/$file.sh >> UU/config.sh
  elif
 $test X"$tans" = X -o X"$tans" = Xnone ; then
   : nothing
  else
   : Give one chance to correct a possible typo.
   echo "$file.sh does not exist"
   dflt=$file
   rp="hint to use instead?"
   . UU/myread
   for file in $ans; do
    if $test -f "$src/hints/$file.sh"; then
     . $src/hints/$file.sh
     $cat $src/hints/$file.sh >> UU/config.sh
```

```
    elif $test X$ans = X -o X$ans = Xnone ; then
     : nothing
    else
     echo "$file.sh does not exist -- ignored."
    fi
   done
  fi
 done

 hint=recommended
 : Remember our hint file for later.
 if $test -f "$src/hints/$file.sh" ; then
  hintfile="$file"
 else
  hintfile=''
 fi
fi
cd UU
?X: From here on, we must use $rsrc instead of $src
@else
: Get old answers, if there is a config file out there
hint=default
hintfile=''
if test -f ../config.sh; then
 echo " "
 rp="I see a config.sh file.  Shall I use it to set the defaults?"
 . ./myread
 case "$ans" in
 n*|N*) echo "OK, I'll ignore it.";;
 *)  echo "Fetching default answers from
 your old config.sh file..." >&4
  tmp_n="$n"
  tmp_c="$c"
  . ../config.sh
  cp ../config.sh .
  n="$tmp_n"
  c="$tmp_c"
  hint=previous
  ;;
 esac
fi
@end
?X: remember, indentation is wrong--RAM
;;
*)
 echo " "
 echo "Fetching default answers from $config_sh..." >&4
 tmp_n="$n"
```

```
 tmp_c="$c"
 cd ..
?X: preserve symbolic links, if any
 cp $config_sh config.sh 2>/dev/null
 chmod +w config.sh
 . ./config.sh
 cd UU
 cp ../config.sh .
 n="$tmp_n"
 c="$tmp_c"
 hint=previous
 ;;
esac
. ./optdef.sh

: Restore computed paths
for file in $loclist $trylist; do
 eval $file="\$_$file"
done

@if osname || osvers
cat << EOM

Configure uses the operating system name and version to set some defaults.
The default value is probably right if the name rings a bell. Otherwise,
since spelling matters for me, either accept the default or answer "none"
to leave it blank.

EOM
@end
@if osname
case "$osname" in
 "|' ')
  case "$hintfile" in
  "|' '|none) dflt=none ;;
  *)  dflt=`echo $hintfile | $sed -e 's/\.sh$//'
 -e 's/_.*$//'` ;;
  esac
  ;;
 *) dflt="$osname" ;;
esac
rp="Operating system name?"
. ./myread
case "$ans" in
none)  osname=" ;;
*) osname=`echo "$ans" | $sed -e 's/[  ][ ]*/_/g' | ./tr '[A-Z]' '[a-z]'`;;
esac
@end
```

```
@if osvers
@if osname
echo " "
@end
case "$osvers" in
 "|' ')
  case "$hintfile" in
  "|' '|none) dflt=none ;;
  *) dflt=`echo $hintfile | $sed -e 's/\.sh$//' -e 's/^[^_]*//'`
   dflt=`echo $dflt | $sed -e 's/^_//' -e 's/_/./g'`
   case "$dflt" in
   "|' ') dflt=none ;;
   esac
   ;;
  esac
  ;;
 *) dflt="$osvers" ;;
esac
rp="Operating system version?"
. ./myread
case "$ans" in
none)  osvers=" ;;
*) osvers="$ans" ;;
esac

@end

. ./posthint.sh
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Oldconfig.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_msem_lck.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_msem_lck.U,v $
?MAKE:d_msem_lck: Inlibc
?MAKE: -pick add $@ %<
?S:d_msem_lck:
```

```
?S: This variable conditionally defines HAS_MSEM_LOCK if msem_lock() is
?S: available, thereby indicating kernel support for memory semaphores.
?S:.
?C:HAS_MSEM_LOCK:
?C: This symbol, if defined, indicates that memory semaphores are
?C: available to protect mmap()'ed regions.
?C:.
?H:#$d_msem_lck HAS_MSEM_LOCK  /**/
?H:.
?LINT:set d_msem_lck
: see if msem_lock exists
set
 msem_lock d_msem_lck
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_msem_lck.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_ualarm: Inlibc
?MAKE: -pick add $@ %<
?S:d_ualarm:
?S: This variable conditionally defines the HAS_UALARM symbol, which
?S: indicates to the C program that the ualarm() routine is available.
?S:.
?C:HAS_UALARM:
?C: This symbol, if defined, indicates that the ualarm routine is
?C: available to do alarms with microsecond granularity.
?C:.
?H:#$d_ualarm HAS_UALARM  /**/
?H:.
?LINT:set d_ualarm
: see if ualarm exists
set ualarm d_ualarm
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_ualarm.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: vendorbin.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera $
?RCS:
?RCS: Copyright (c) 1999, Andy Dougherty
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: vendorbin.U,v $
?RCS: Revision 1.1  1999/07/08 18:32:57  doughera
?RCS: Initial revision
?RCS:
?MAKE:d_vendorbin vendorbin vendorbinexp installvendorbin: Getfile \
 Setprefixvar Oldconfig Prefixit vendorprefix
?MAKE: -pick add $@ %<
?Y:TOP
?S:vendorbin:
?S: This variable contains the eventual value of the VENDORBIN symbol.
?S: It may have a ~ on the front.
?S: The standard distribution will put nothing in this directory.
?S: Vendors who distribute perl
 may wish to place additional
?S: binaries in this directory with
?S:  MakeMaker Makefile.PL INSTALLDIRS=vendor
?S: or equivalent.  See INSTALL for details.
?S:.
?S:vendorbinexp:
?S: This variable is the ~name expanded version of vendorbin, so that you
?S: may use it directly in Makefiles or shell scripts.
?S:.
?D:installvendorbin="
?S:installvendorbin:
?S: This variable is really the same as vendorbinexp but may differ on
?S: those systems using AFS. For extra portability, only this variable
?S: should be used in makefiles.
?S:.
?S:d_vendorbin:
?S: This variable conditionally defines PERL_VENDORBIN.
?S:.
?C:PERL_VENDORBIN:
?C: If defined, this symbol contains the name of a directory
?C: for holding vendor-supplied executables.
?C: It may have a ~ on the front.
?C: The standard distribution will put nothing in this directory.
```

```
?C: Vendors who distribute perl may wish to place additional
?C: binaries in this directory with
?C:  MakeMaker Makefile.PL INSTALLDIRS=vendor
?C: or equivalent.
  See INSTALL for details.
?C:.
?C:PERL_VENDORBIN_EXP:
?C: This symbol contains the ~name expanded version of VENDORBIN, to be used
?C: in programs that are not prepared to deal with ~ expansion at run-time.
?C:.
?H:#$d_vendorbin PERL_VENDORBIN "$vendorbin"  /**/
?H:#$d_vendorbin PERL_VENDORBIN_EXP "$vendorbinexp"  /**/
?H:.
?LINT:change prefixvar
?LINT:set installvendorbin
: Set the vendorbin variables
case "$vendorprefix" in
") d_vendorbin="$undef"
 vendorbin="
 vendorbinexp="
 ;;
*) d_vendorbin="$define"
 : determine where vendor-supplied executables go.
 case "$vendorbin" in
 ") dflt=$vendorprefix/bin ;;
 *) dflt="$vendorbin" ;;
 esac
 fn=d~+
 rp='Pathname for the vendor-supplied executables directory?'
 . ./getfile
 vendorbin="$ans"
 vendorbinexp="$ansexp"
 ;;
esac
prefixvar=vendorbin
. ./installprefix
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/vendorbin.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_termio.U,v $
?RCS: Revision 3.0.1.4  1994/10/29  16:20:54  ram
?RCS: patch36: call ./usg and ./Cppsym explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0.1.3  1994/08/29  16:26:38  ram
?RCS: patch32: don't include all three I_* symbols in config.h
?RCS: patch32: (had forgotten to undo this part last time)
?RCS:
?RCS: Revision 3.0.1.2  1994/05/13  15:25:03  ram
?RCS: patch27: undone ADO's fix in previous patch since it was useless
?RCS:
?RCS: Revision 3.0.1.1  1994/05/06  15:05:23
 ram
?RCS: patch23: now include all three defines in config.h (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:08:44  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_termio i_sgtty i_termios: test Inlibc Cppsym Guess Setvar Findhdr Warn
?MAKE: -pick add $@ %<
?S:i_termio:
?S: This variable conditionally defines the I_TERMIO symbol, which
?S: indicates to the C program that it should include <termio.h> rather
?S: than <sgtty.h>.
?S:.
?S:i_termios:
?S: This variable conditionally defines the I_TERMIOS symbol, which
?S: indicates to the C program that the POSIX <termios.h> file is
?S: to be included.
?S:.
?S:i_sgtty:
?S: This variable conditionally defines the I_SGTTY symbol, which
?S: indicates to the C program that it should include <sgtty.h> rather
?S: than <termio.h>.
?S:.
?C:I_TERMIO:
?C: This symbol, if defined, indicates that the program should include
?C: <termio.h> rather than <sgtty.h>.  There are also differences in
?C: the ioctl() calls that depend on the value of
 this symbol.
?C:.
?C:I_TERMIOS:
?C: This symbol, if defined, indicates that the program should include
?C: the POSIX termios.h rather than sgtty.h or termio.h.
```

```
?C: There are also differences in the ioctl() calls that depend on the
?C: value of this symbol.
?C:.
?C:I_SGTTY:
?C: This symbol, if defined, indicates that the program should include
?C: <sgtty.h> rather than <termio.h>.  There are also differences in
?C: the ioctl() calls that depend on the value of this symbol.
?C:.
?H:#$i_termio I_TERMIO  /**/
?H:#$i_termios I_TERMIOS  /**/
?H:#$i_sgtty I_SGTTY  /**/
?H:.
?T:val2 val3
?LINT:set i_termio i_sgtty i_termios
: see if this is a termio system
val="$undef"
val2="$undef"
val3="$undef"
?X: Prefer POSIX-approved termios.h over all else
if $test `./findhdr termios.h`; then
 set tcsetattr i_termios
 eval $inlibc
 val3="$i_termios"
fi
echo " "
case "$val3" in
"$define") echo "You have POSIX termios.h... good!" >&4;;
*) if ./Cppsym pyr; then
  case "`/bin/universe`" in
  ucb) if $test `./findhdr
 sgtty.h`; then
    val2="$define"
    echo "<sgtty.h> found." >&4
   else
    echo "System is pyramid with BSD universe."
    ./warn "<sgtty.h> not found--you could have problems."
   fi;;
  *) if $test `./findhdr termio.h`; then
    val="$define"
    echo "<termio.h> found." >&4
   else
    echo "System is pyramid with USG universe."
    ./warn "<termio.h> not found--you could have problems."
   fi;;
  esac
?X: Start with USG to avoid problems if both usg/bsd was guessed
 elif ./usg; then
  if $test `./findhdr termio.h`; then
```

```
  echo "<termio.h> found." >&4
  val="$define"
 elif $test `./findhdr sgtty.h`; then
  echo "<sgtty.h> found." >&4
  val2="$define"
 else
  ./warn "Neither <termio.h> nor <sgtty.h> found--cross fingers!"
 fi
else
 if $test `./findhdr sgtty.h`; then
  echo "<sgtty.h> found." >&4
  val2="$define"
 elif $test `./findhdr termio.h`; then
  echo "<termio.h> found." >&4
  val="$define"
 else
  ./warn "Neither <sgtty.h> nor <termio.h> found--cross
fingers!"
 fi
fi;;
esac
set i_termio; eval $setvar
val=$val2; set i_sgtty; eval $setvar
val=$val3; set i_termios; eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_termio.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Whoa.U,v 3.0.1.2 1997/02/28 15:21:21 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: Whoa.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  15:21:21  ram
?RCS: patch61: whoa script now starts with leading "startsh"
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  16:02:01  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:19  ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit produces a bit of shell code that must be dotted in in order
?X: to warn the user in case a change into a variable
 is noticed.
?X:
?X: To use this unit, $was must hold the old value that has changed. Upon
?X: exit, the two variables $td and $tu are set to the correct value for
?X: respectively defining or undefining a variable. For instance, if $vas was
?X: $undef, but now $var is $define, after calling . whoa, you should use
?X: eval "$var=\$tu" to finally set $var to the correct value. See unit Inlibc.
?X:
?MAKE:Whoa: Myread startsh hint
?MAKE: -pick add $@ %<
?F:./whoa
?T:var was td tu hintfile
: set up the script used to warn in case of inconsistency
cat <<EOS >whoa
$startsh
EOS
cat <<'EOSC' >>whoa
dflt=y
case "$hint" in
   recommended)
 case "$hintfile" in
 ") echo "The $hint value for \$$var on this machine was \"$was\"!" >&4
  ;;
 *) echo "Hmm.  Based on the hints in hints/$hintfile.sh, " >&4
  echo "the $hint value for \$$var on this machine was \"$was\"!" >&4
  ;;
 esac
 ;;
   *) echo " "
 echo "*** WHOA THERE!!! ***" >&4
 echo "    The $hint value for \$$var on this machine was
 \"$was\"!" >&4
 ;;
esac
rp="    Keep the $hint value?"
. ./myread
case "$ans" in
y) td=$was; tu=$was;;
esac
EOSC
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/modified/Whoa.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:usesocks: Myread Oldconfig Setvar
?MAKE: -pick add $@ %<
?Y:TOP
?S:usesocks:
?S: This variable conditionally defines the USE_SOCKS symbol,
?S: and indicates that Perl should be built to use SOCKS.
?S:.
?C:USE_SOCKS:
?C: This symbol, if defined, indicates that Perl should
?C: be built to use socks.
?C:.
?H:?%<:#ifndef USE_SOCKS
?H:?%<:#$usesocks USE_SOCKS  /**/
?H:?%<:#endif
?H:.
?LINT:set usesocks
?INIT:: set usesocks on the Configure command line to enable socks.
: Check is we will use socks
?X: We should really have some explanatory text here, and some
?X: automatic setting of sensible defaults.
case "$usesocks" in
$define|true|[yY]*) dflt='y';;
*) dflt='n';;
esac
cat <<EOM

Perl can be built to
 use the SOCKS proxy protocol library.  To do so,
Configure must be run with -Dusesocks.  If you use SOCKS you also need
to use the PerlIO abstraction layer, this will be implicitly selected.

If this doesn't make any sense to you, just accept the default '$dflt'.
EOM
rp='Build Perl for SOCKS?'
. ./myread
case "$ans" in
y|Y) val="$define" ;;
*)     val="$undef" ;;
```

```
esac
set usesocks
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/usesocks.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: You may redistribute only under the terms of the Artistic License,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: uidtype.U,v $
?RCS: Revision 3.0.1.3  1994/08/29  16:33:25  ram
?RCS: patch32: now uses new Typedef unit to compute type information
?RCS:
?RCS: Revision 3.0.1.2  1994/06/20  07:09:36  ram
?RCS: patch30: comment for uidtype referred to the obsoleted symbol
?RCS:
?RCS: Revision 3.0.1.1  1994/05/13  15:28:27  ram
?RCS: patch27: made conform to its gidtype.U companion
?RCS: patch27: question now explicitly mentions getuid()
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:56  ram
?RCS: Baseline for dist
 3.0 netwide release.
?RCS:
?MAKE:uidtype: Myread Typedef Findhdr
?MAKE: -pick add $@ %<
?S:uidtype:
?S: This variable defines Uid_t to be something like uid_t, int,
?S: ushort, or whatever type is used to declare user ids in the kernel.
?S:.
?C:Uid_t (UIDTYPE):
?C: This symbol holds the type used to declare user ids in the kernel.
?C: It can be int, ushort, uid_t, etc... It may be necessary to include
?C: <sys/types.h> to get any typedef'ed information.
?C:.
?H:#define Uid_t $uidtype  /* UID type */
?H:.
?T:xxx
```

```
: see what type uids are declared as in the kernel
set uid_t uidtype xxx stdio.h sys/types.h
eval $typedef
case "$uidtype" in
xxx)
 xxx=`./findhdr sys/user.h`
 set `grep '_ruid;' "$xxx" 2>/dev/null` unsigned short
 case $1 in
 unsigned) dflt="$1 $2" ;;
 *) dflt="$1" ;;
 esac
 ;;
*) dflt="$uidtype";;
esac
echo " "
rp="What is the type for user ids returned by getuid()?"
. ./myread
uidtype="$ans"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/uidtype.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_getitimer: Inlibc
?MAKE: -pick add $@ %<
?S:d_getitimer:
?S: This variable conditionally defines the HAS_GETITIMER symbol, which
?S: indicates to the C program that the getitimer() routine is available.
?S:.
?C:HAS_GETITIMER:
?C: This symbol, if defined, indicates that the getitimer routine is
?C: available to return interval timers.
?C:.
?H:#$d_getitimer HAS_GETITIMER  /**/
?H:.
?LINT:set d_getitimer
: see if getitimer exists
set getitimer d_getitimer
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getitimer.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_fp_class.U,v $
?RCS:
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_fp_class: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_fp_class:
?S: This variable conditionally defines the I_FP_CLASS symbol, and indicates
?S: whether a C program should include <fp_class.h>.
?S:.
?C:I_FP_CLASS:
?C: This symbol, if defined, indicates that <fp_class.h> exists and
?C: should be included.
?C:.
?H:#$i_fp_class I_FP_CLASS  /**/
?H:.
?LINT:set i_fp_class
: see if this is a fp_class.h system
set fp_class.h i_fp_class
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_fp_class.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999, Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_nanosleep: Inlibc
?MAKE: -pick add $@ %<
?S:d_nanosleep:
?S: This variable conditionally defines HAS_NANOSLEEP
```

```
?S: if nanosleep() is available to sleep with 1E-9 sec accuracy.
?S:.
?C:HAS_NANOSLEEP:
?C: This symbol, if defined, indicates that the nanosleep
?C: system call is available to sleep with 1E-9 sec accuracy.
?C:.
?H:#$d_nanosleep HAS_NANOSLEEP  /**/
?H:.
?LINT:set d_nanosleep
: see if nanosleep exists
set nanosleep d_nanosleep
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_nanosleep.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: pkgsrc.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?MAKE:pkgsrc: src rsrc
?MAKE: -pick add $@ %<
?S:pkgsrc:
?S: This variable holds the absolute path of the package source.
?S:.
?C:PACKAGE_SOURCE_DIR:
?C: Holds the directory name holding the package source.
?C:.
?H:#define PACKAGE_SOURCE_DIR "$pkgsrc"
?H:.
: define absolute package source directory
case "$src" in
/*) pkgsrc=$src;;
*) pkgsrc=`cd $rsrc; pwd`;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/pkgsrc.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_ustat.U,v $
?RCS:
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_ustat: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_ustat:
?S: This variable conditionally defines the I_USTAT symbol, and indicates
?S: whether a C program should include <ustat.h>.
?S:.
?C:I_USTAT:
?C: This symbol, if defined, indicates that <ustat.h> exists and
?C: should be included.
?C:.
?H:#$i_ustat I_USTAT  /**/
?H:.
?LINT:set i_ustat
: see if this is a ustat.h system
set ustat.h i_ustat
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_ustat.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Tye McQueen <tye@metronet.com> added safe setuid script checks.
?RCS:
?RCS: $Log: d_dosuid.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  15:33:03  ram
?RCS: patch61: moved unit to TOP via a ?Y: layout directive
?RCS: patch61: tell them /dev/fd is not about floppy disks
?RCS:
```

```
?RCS: Revision 3.0.1.1  1994/10/29  16:12:08  ram
?RCS: patch36: added checks for secure setuid scripts (Tye McQueen)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:55  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_dosuid
 d_suidsafe: cat contains ls rm test Myread Setvar \
 Oldconfig Guess package hint
?MAKE: -pick add $@ %<
?S:d_suidsafe:
?S: This variable conditionally defines SETUID_SCRIPTS_ARE_SECURE_NOW
?S: if setuid scripts can be secure.  This test looks in /dev/fd/.
?S:.
?S:d_dosuid:
?S: This variable conditionally defines the symbol DOSUID, which
?S: tells the C program that it should insert setuid emulation code
?S: on hosts which have setuid #! scripts disabled.
?S:.
?C:SETUID_SCRIPTS_ARE_SECURE_NOW:
?C: This symbol, if defined, indicates that the bug that prevents
?C: setuid scripts from being secure is not present in this kernel.
?C:.
?C:DOSUID:
?C: This symbol, if defined, indicates that the C program should
?C: check the script that it is executing for setuid/setgid bits, and
?C: attempt to emulate setuid/setgid on systems that have disabled
?C: setuid #! scripts because the kernel can't do it securely.
?C: It is up to the package designer to make sure that this emulation
?C: is done securely.
  Among other things, it should do an fstat on
?C: the script it just opened to make sure it really is a setuid/setgid
?C: script, it should make sure the arguments passed correspond exactly
?C: to the argument on the #! line, and it should not trust any
?C: subprocesses to which it must pass the filename rather than the
?C: file descriptor of the script to be executed.
?C:.
?H:#$d_suidsafe SETUID_SCRIPTS_ARE_SECURE_NOW /**/
?H:#$d_dosuid DOSUID  /**/
?H:.
?Y:TOP
?F:!reflect
?LINT: set d_suidsafe
?LINT: set d_dosuid
: see if setuid scripts can be secure
$cat <<EOM

Some kernels have a bug that prevents setuid #! scripts from being
```

```
secure.  Some sites have disabled setuid #! scripts because of this.

First let's decide if your kernel supports secure setuid #! scripts.
(If setuid #! scripts would be secure but have been disabled anyway,
don't say that they are secure if asked.)

EOM

val="$undef"
if $test -d /dev/fd; then
 echo "#!$ls" >reflect
 chmod +x,u+s reflect
 ./reflect >flect
 2>&1
 if $contains "/dev/fd" flect >/dev/null; then
  echo "Congratulations, your kernel has secure setuid scripts!" >&4
  val="$define"
 else
  $cat <<EOM
If you are not sure if they are secure, I can check but I'll need a
username and password different from the one you are using right now.
If you don't have such a username or don't want me to test, simply
enter 'none'.

EOM
  rp='Other username to test security of setuid scripts with?'
  dflt='none'
  . ./myread
  case "$ans" in
  n|none)
   case "$d_suidsafe" in
   ") echo "I'll assume setuid scripts are *not* secure." >&4
    dflt=n;;
   "$undef")
    echo "Well, the $hint value is *not* secure." >&4
    dflt=n;;
   *) echo "Well, the $hint value *is* secure." >&4
    dflt=y;;
   esac
   ;;
  *)
   $rm -f reflect flect
   echo "#!$ls" >reflect
   chmod +x,u+s reflect
   echo >flect
   chmod a+w flect
   echo "'su" will (probably) prompt you for "'$ans's password."
   su $ans -c './reflect >flect'
```

```
  if $contains "/dev/fd" flect
>/dev/null; then
   echo "Okay, it looks like setuid scripts are secure." >&4
   dflt=y
  else
   echo "I don't think setuid scripts are secure." >&4
   dflt=n
  fi
  ;;
 esac
 rp='Does your kernel have *secure* setuid scripts?'
 . ./myread
 case "$ans" in
 [yY]*) val="$define";;
 *) val="$undef";;
 esac
fi
else
 echo "I don't think setuid scripts are secure (no /dev/fd directory)." >&4
 echo "(That's for file descriptors, not floppy disks.)"
 val="$undef"
fi
set d_suidsafe
eval $setvar

$rm -f reflect flect

: now see if they want to do setuid emulation
echo " "
val="$undef"
case "$d_suidsafe" in
"$define")
 val="$undef"
 echo "No need to emulate SUID scripts since they are secure here." >& 4
 ;;
*)
 $cat <<EOM
Some systems have disabled setuid scripts, especially systems where
setuid scripts cannot be secure.  On systems where setuid scripts have
been disabled, the setuid/setgid bits on scripts are currently
useless.  It is possible for $package to detect those bits
 and emulate
setuid/setgid in a secure fashion.  This emulation will only work if
setuid scripts have been disabled in your kernel.

EOM
 case "$d_dosuid" in
 "$define") dflt=y ;;
```

```
 *) dflt=n ;;
 esac
 rp="Do you want to do setuid/setgid emulation?"
 . ./myread
 case "$ans" in
 [yY]*) val="$define";;
 *) val="$undef";;
 esac
 ;;
esac
set d_dosuid
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_dosuid.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?MAKE:i_poll: Inhdr
?MAKE: -pick add $@ %<
?S:i_poll:
?S: This variable conditionally defines the I_POLL symbol, which
?S: indicates to the C program that it should include <poll.h>.
?S:.
?C:I_POLL:
?C: This symbol, if defined, indicates that the program may include
?C: <poll.h>.  If there is no <poll.h>, then you may check I_SYS_POLL
?C: instead to see whether there is a <sys/poll.h> to include.
?C:.
?H:#$i_poll I_POLL /**/
?H:.
?LINT:set i_poll
: see if there is a poll.h file
set poll.h i_poll
eval $inhdr
```

Found

in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_poll.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: fpostype.U,v 3.0.1.2 1994/08/29 16:20:52 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: fpostype.U,v $
?RCS: Revision 3.0.1.2  1994/08/29  16:20:52  ram
?RCS: patch32: now uses new Typedef unit to compute type information
?RCS:
?RCS: Revision 3.0.1.1  1994/06/20  06:59:59  ram
?RCS: patch30: created
?RCS:
?MAKE:fpostype: Myread Typedef
?MAKE: -pick add $@ %<
?S:fpostype:
?S: This variable defines Fpos_t to be something like fpos_t, long,
?S: uint, or whatever type is used to declare file positions in libc.
?S:.
?C:Fpos_t:
?C: This symbol holds
 the type used to declare file positions in libc.
?C: It can be fpos_t, long, uint, etc... It may be necessary to include
?C: <sys/types.h> to get any typedef'ed information.
?C:.
?H:#define Fpos_t $fpostype  /* File position type */
?H:.
?LINT:set fpostype
: see what type file positions are declared as in the library
rp="What is the type for file position used by fsetpos()?"
set fpos_t fpostype long stdio.h sys/types.h
eval $typedef_ask
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/fpostype.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
```

```
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_modfl d_modflproto: Inlibc Compile Hasproto cat \
 test ccflags uselongdouble \
 d_sqrtl d_aintl d_copysignl d_ilogbl d_scalbnl d_frexpl d_ldexpl \
 d_truncl
?MAKE: -pick add $@ %<
?S:d_modfl:
?S: This variable conditionally defines the HAS_MODFL symbol, which
?S: indicates to the C program that the modfl() routine is available.
?S:.
?S:d_modflproto:
?S: This symbol, if defined, indicates that the system provides
?S: a prototype for the modfl() function.  Otherwise, it is up
?S: to the program to supply one.  C99 says it should be
?S:  long double modfl(long double, long double *);
?S:.
?C:HAS_MODFL:
?C: This symbol, if defined, indicates that the modfl routine is
?C: available to split a long double
 x into a fractional part f and
?C: an integer part i such that |f| < 1.0 and (f + i) = x.
?C:.
?C:HAS_MODFL_PROTO:
?C: This symbol, if defined, indicates that the system provides
?C: a prototype for the modfl() function.  Otherwise, it is up
?C: to the program to supply one.
?C:.
?H:#$d_modfl HAS_MODFL  /**/
?H:#$d_modflproto HAS_MODFL_PROTO  /**/
?H:.
?T:message
?LINT:set d_modfl
?LINT:set d_modflproto
?LINT:change ccflags
: see if modfl exists
set modfl d_modfl
eval $inlibc

: see if prototype for modfl is available
echo " "
set d_modflproto modfl define math.h
eval $hasproto
```

```
if $test "$uselongdouble" = "$define"; then
  message=""
  if $test "$d_sqrtl" != "$define"; then
 message="$message sqrtl"
  fi
  if $test "$d_modfl" != "$define"; then
 if $test "$d_truncl:$d_copysignl" = "$define:$define"; then
    echo "You have both truncl and copysignl, so I can emulate modfl."
 else
    if $test "$d_aintl:$d_copysignl" = "$define:$define"; then
  echo "You have both aintl
 and copysignl, so I can emulate modfl."
    else
  message="$message modfl"
    fi
 fi
  fi
  if $test "$d_frexpl" != "$define"; then
 if $test "$d_ilogbl:$d_scalbnl" = "$define:$define"; then
    echo "You have both ilogbl and scalbnl, so I can emulate frexpl."
 else
    message="$message frexpl"
 fi
  fi
  if $test "$d_ldexpl" != "$define"; then
 message="$message ldexpl"
  fi

  if $test "$message" != ""; then
 $cat <<EOM >&4

*** You requested the use of long doubles but you do not seem to have
*** the following mathematical functions needed for long double support:
***    $message
*** Please rerun Configure without -Duselongdouble and/or -Dusemorebits.
*** Cannot continue, aborting.

EOM

 exit 1
  fi
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_modfl.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_memmem: Hasproto Inlibc Setvar d_gnulibc
?MAKE: -pick add $@ %<
?S:d_memmem:
?S: This variable conditionally defines the HAS_MEMMEM symbol, which
?S: indicates to the C program that the memmem() routine is available
?S: to return a pointer to the start of the first occurance of a
?S: substring in a memory area (or NULL if not found).
?S:.
?C:HAS_MEMMEM:
?C: This symbol, if defined, indicates that the memmem routine is
?C: available to return a pointer to the start of the first occurance
?C: of a substring in a memory area (or NULL if not found).
?C: In glibc, memmem is a GNU extension.  The function is visible in
?C: libc, but the prototype is only visible if _GNU_SOURCE is #defined.
?C: Thus we only define this if both the prototype and symbol are found.
?C:.
?H:#$d_memmem
 HAS_MEMMEM  /**/
?H:.
?T:d_memmem_proto xx1 xx2 xx3 xx4
?LINT:set d_memmem
: see if memmem exists
: We need both a prototype in string.h and the symbol in libc.
echo " "
d_memmem_proto="
xx1="#$d_gnulibc HAS_GNULIBC"
xx2='#if defined(HAS_GNULIBC) && !defined(_GNU_SOURCE)'
xx3='#   define _GNU_SOURCE'
xx4='#endif'
set d_memmem_proto memmem literal "$xx1" literal "$xx2" literal "$xx3" literal "$xx4" define string.h
eval $hasproto
case "$d_memmem_proto" in
   define) # see if memmem exists
 set memmem d_memmem
 eval $inlibc
 ;;
   *)  val=$undef
 set d_memmem
 eval $setvar
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_memmem.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_atolf: Inlibc
?MAKE: -pick add $@ %<
?S:d_atolf:
?S: This variable conditionally defines the HAS_ATOLF symbol, which
?S: indicates to the C program that the atolf() routine is available.
?S:.
?C:HAS_ATOLF:
?C: This symbol, if defined, indicates that the atolf routine is
?C: available to convert strings into long doubles.
?C:.
?H:#$d_atolf HAS_ATOLF  /**/
?H:.
?LINT:set d_atolf
: see if atolf exists
set atolf d_atolf
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/atolf.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Hasproto.U $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?X: This unit generates a $hasproto string that is used internally
?X: by Configure to check if this system has a prototype for a
?X: particular function
?X:
?X: To use it, say something like:
?X:  set d_getnetent_proto getnetent $i_netdb netdb.h
?X:  eval $hasproto
?X: Or, for more complicated sets of headers, do something like
?X: hdrs="$define sys/types.h
?X:  $i_systime sys/time.h
```

```
?X:  $i_sysselct sys/select.h
?X:  $i_netdb netdb.h"
?X: set d_getnetent_proto getnetent $hdrs
?X: eval $hasproto
?X:
?X: There is also an 'escape' hatch built in.  If you have a pair
?X: of args   'literal 'stuff' then 'stuff' gets included literally
?X: into the test program.  See Protochk.U for more details.
?X:
?MAKE:Hasproto:
 Setvar cppstdin cppflags cppminus contains rm_try test
?MAKE: -pick add $@ %<
?T:func varname
?F:!try.c
?V:hasproto
: Define hasproto macro for Configure internal use
hasproto='varname=$1; func=$2; shift; shift;
while $test $# -ge 2; do
 case "$1" in
 $define) echo "#include <$2>";;
 literal) echo "$2" ;;
 esac ;
   shift 2;
done > try.c;
$cppstdin $cppflags $cppminus < try.c > tryout.c 2>/dev/null;
if $contains "$func.*(" tryout.c >/dev/null 2>&1; then
 echo "$func() prototype found.";
 val="$define";
else
 echo "$func() prototype NOT found.";
 val="$undef";
fi;
set $varname;
eval $setvar;
$rm_try tryout.c'
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/Hasproto.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Guess.U,v 3.0.1.5 1995/07/25 13:37:14 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: Guess.U,v $
?RCS: Revision 3.0.1.5  1995/07/25  13:37:14  ram
?RCS: patch56: now knows about OS/2 platforms
?RCS:
?RCS: Revision 3.0.1.4  1994/10/29  15:53:55  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS: patch36: call ./xenix explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0.1.3  1993/12/15  08:14:35  ram
?RCS: patch15: variable d_bsd was not always set properly
?RCS:
?RCS: Revision 3.0.1.2  1993/08/30  08:57:14  ram
?RCS:
 patch8: fixed comment which wrongly attributed the usrinc symbol
?RCS: patch8: no more ugly messages when no /usr/include/ctype.h
?RCS:
?RCS: Revision 3.0.1.1  1993/08/27  14:37:37  ram
?RCS: patch7: added support for OSF/1 machines
?RCS:
?RCS: Revision 3.0  1993/08/18  12:04:57  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit hazards some guesses as to what the general nature of the system
?X: is.  The information it collects here is used primarily to establish default
?X: answers to other questions.
?X:
?MAKE:Guess d_eunice d_xenix d_bsd: cat test echo n c contains \
 rm Loc eunicefix tr sysroot
?MAKE: -pick add $@ %<
?S:d_eunice:
?S: This variable conditionally defines the symbols EUNICE and VAX, which
?S: alerts the C program that it must deal with idiosyncrasies of VMS.
?S:.
?S:d_xenix:
?S: This variable conditionally defines the symbol XENIX, which alerts
?S: the C program that it runs under Xenix.
?S:.
?S:d_bsd:
?S: This symbol conditionally defines the
 symbol BSD when running on a
?S: BSD system.
?S:.
?C:EUNICE:
?C: This symbol, if defined, indicates that the program is being compiled
```

```
?C: under the EUNICE package under VMS.  The program will need to handle
?C: things like files that don't go away the first time you unlink them,
?C: due to version numbering.  It will also need to compensate for lack
?C: of a respectable link() command.
?C:.
?X: Should we define VMS here?  Is Eunice actually used anymore?
?X:?C:VMS:
?X:?C: This symbol, if defined, indicates that the program is running under
?X:?C: VMS.  It is currently only set in conjunction with the EUNICE symbol.
?X:?C:.
?C:XENIX:
?C: This symbol, if defined, indicates that the program is running under
?C: Xenix (at least 3.0 ?).
?C:.
?X:  We don't use BSD in the perl source.  It's too vague, and already
?X:  defined in some header files anyway (e.g. NetBSD).  This just gives
?X:  us a spurious redefinition error upon compilation.
?X: --Andy Dougherty  Feb 11, 1998
?X: ?C:BSD:
?X:
 ?C: This symbol, if defined, indicates that the program is running under
?X: ?C: a BSD system.
?X: ?C:.
?H:#$d_eunice EUNICE  /**/
?X:?H:#$d_eunice VMS  /**/
?H:#$d_xenix XENIX  /**/
?X: ?H:#$d_bsd BSD  /**/
?H:.
?F:./bsd ./usg ./v7 ./osf1 ./eunice ./xenix ./venix ./os2
?T:xxx
: make some quick guesses about what we are up against
echo " "
$echo $n "Hmm...  $c"
echo exit 1 >bsd
echo exit 1 >usg
echo exit 1 >v7
echo exit 1 >osf1
echo exit 1 >eunice
echo exit 1 >xenix
echo exit 1 >venix
echo exit 1 >os2
d_bsd="$undef"
?X:
?X: Do not use 'usrinc', or we get a circular dependency. because
?X: usrinc is defined in usrinc.U, which relies on us...
?X:
$cat $sysroot/usr/include/signal.h $sysroot/usr/include/sys/signal.h >foo 2>/dev/null
if test -f /osf_boot || $contains 'OSF/1' $sysroot/usr/include/ctype.h >/dev/null 2>&1
```

```
then
 echo "Looks kind of like an OSF/1 system, but we'll see..."
 echo exit 0 >osf1
elif test `echo abc | $tr a-z A-Z` = Abc ; then
 xxx=`./loc addbib blurfl $pth`
 if $test
 -f $xxx; then
 echo "Looks kind of like a USG system with BSD features, but we'll see..."
  echo exit 0 >bsd
  echo exit 0 >usg
 else
  if $contains SIGTSTP foo >/dev/null 2>&1 ; then
   echo "Looks kind of like an extended USG system, but we'll see..."
  else
   echo "Looks kind of like a USG system, but we'll see..."
  fi
  echo exit 0 >usg
 fi
elif $contains SIGTSTP foo >/dev/null 2>&1 ; then
 echo "Looks kind of like a BSD system, but we'll see..."
 d_bsd="$define"
 echo exit 0 >bsd
else
 echo "Looks kind of like a Version 7 system, but we'll see..."
 echo exit 0 >v7
fi
case "$eunicefix" in
*unixtovms*)
 $cat <<'EOI'
There is, however, a strange, musty smell in the air that reminds me of
something...hmm...yes...I've got it...there's a VMS nearby, or I'm a Blit.
EOI
 echo exit 0 >eunice
 d_eunice="$define"
: it so happens the Eunice I know will not run shell scripts in Unix format
 ;;
*)
 echo " "
 echo "Congratulations.  You aren't running Eunice."
 d_eunice="$undef"
 ;;
esac
: Detect
 OS2.  The p_ variable is set above in the Head.U unit.
: Note that this also -- wrongly -- detects e.g. dos-djgpp, which also uses
: semicolon as a patch separator
case "$p_" in
:) ;;
```

```
*)
 $cat <<'EOI'
I have the feeling something is not exactly right, however...don't tell me...
lemme think...does HAL ring a bell?...no, of course, you're only running OS/2!
(Or you may be running DOS with DJGPP.)
EOI
 echo exit 0 >os2
 ;;
esac
if test -f /xenix; then
 echo "Actually, this looks more like a XENIX system..."
 echo exit 0 >xenix
 d_xenix="$define"
else
 echo " "
 echo "It's not Xenix..."
 d_xenix="$undef"
fi
chmod +x xenix
$eunicefix xenix
if test -f /venix; then
 echo "Actually, this looks more like a VENIX system..."
 echo exit 0 >venix
else
 echo " "
 if ./xenix; then
  : null
 else
  echo "Nor is it Venix..."
 fi
fi
chmod +x bsd usg v7 osf1 eunice xenix venix os2
$eunicefix bsd usg v7 osf1 eunice xenix venix os2
$rm -f foo
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Guess.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: lib.U,v 3.0.1.3 1995/09/25 09:16:47 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: lib.U,v $
?RCS: Revision 3.0.1.3  1995/09/25  09:16:47  ram
?RCS: patch59: unit is now forced to the top of Configure, if possible
?RCS:
?RCS: Revision 3.0.1.2  1995/01/30  14:38:08  ram
?RCS: patch49: can now handle installation prefix changes (from WED)
?RCS:
?RCS: Revision 3.0.1.1  1994/08/29  16:27:40  ram
?RCS: patch32: now uses installation prefix to set the default
?RCS:
?RCS: Revision 3.0  1993/08/18  12:08:56  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?LINT:
 empty
?X:?MAKE:lib libexp: Getfile Loc Oldconfig Prefixit Prefixup prefixexp
?X:?MAKE: -pick add $@ %<
?X:?Y:TOP
?X:?S:lib:
?X:?S: This variable holds the name of the directory in which the user wants
?X:?S: to put public library files for the package in question.  It is most
?X:?S: often a local directory such as /usr/local/lib. Programs using this
?X:?S: variable must be prepared to deal with filename expansion.
?X:?S:.
?X:?S:libexp:
?X:?S: This variable is the same as the lib variable, but is filename expanded
?X:?S: at configuration time, for convenient use in your makefiles.
?X:?S:.
?X:: determine where public libraries go
?X:set lib lib
?X:eval $prefixit
?X:case "$lib" in
?X:")
?X: dflt=`./loc . "." $prefixexp/lib /usr/local/lib /usr/lib /lib`
?X: set dflt
?X: eval $prefixup
?X: ;;
?X:*)  dflt="$lib";;
?X:esac
?X:echo " "
?X:fn=d~
?X:rp='Where do you want to put the public libraries?'
?X:. ./getfile
?X:lib="$ans"
?X:libexp="$ansexp"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/nullified/lib.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_mbtowc.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_mbtowc.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:30  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_mbtowc: Inlibc
?MAKE: -pick add $@ %<
?S:d_mbtowc:
?S: This variable conditionally defines the HAS_MBTOWC symbol, which
?S: indicates to the C program that the mbtowc() routine is available
?S: to convert multibyte to a wide character.
?S:.
?C:HAS_MBTOWC (MBTOWC):
?C: This symbol, if defined, indicates that the mbtowc routine is available
?C: to
 convert a multibyte to a wide character.
?C:.
?H:#$d_mbtowc HAS_MBTOWC  /**/
?H:.
?LINT:set d_mbtowc
: see if mbtowc exists
set mbtowc d_mbtowc
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_mbtowc.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setpent.U,v 3.0 1993/08/18 12:06:09 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_setpent.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:09  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setpent: Inlibc
?MAKE: -pick add $@ %<
?S:d_setpent:
?S: This variable conditionally defines HAS_SETPROTOENT if setprotoent() is
?S: available.
?S:.
?C:HAS_SETPROTOENT:
?C: This symbol, if defined, indicates that the setprotoent() routine is
?C: available.
?C:.
?H:#$d_setpent HAS_SETPROTOENT  /**/
?H:.
?LINT:set d_setpent
: see if setprotoent
 exists
set setprotoent d_setpent
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_setpent.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_fd_set.U,v 3.0.1.3 1997/02/28 15:33:16 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_fd_set.U,v $
?RCS: Revision 3.0.1.3  1997/02/28  15:33:16  ram
?RCS: patch61: added ?F: metalint hint
?RCS:
?RCS: Revision 3.0.1.2  1994/06/20  06:57:23  ram
?RCS: patch30: extended scope for fd_set checks (ADO)
```

```
?RCS:
?RCS: Revision 3.0.1.1  1994/01/24  14:06:27  ram
?RCS: patch16: comments for HAS_FD_* symbols were not consistent
?RCS:
?RCS: Revision 3.0  1993/08/18  12:06:02  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_fd_set d_fd_macros
 d_fds_bits: Compile cat rm_try Oldconfig \
 d_socket i_systime i_sysselct i_stdlib run
?MAKE: -pick add $@ %<
?S:d_fd_set:
?S: This variable contains the eventual value of the HAS_FD_SET symbol,
?S: which indicates if your C compiler knows about the fd_set typedef.
?S:.
?S:d_fd_macros:
?S: This variable contains the eventual value of the HAS_FD_MACROS symbol,
?S: which indicates if your C compiler knows about the macros which
?S: manipulate an fd_set.
?S:.
?S:d_fds_bits:
?S: This variable contains the eventual value of the HAS_FDS_BITS symbol,
?S: which indicates if your fd_set typedef contains the fds_bits member.
?S: If you have an fd_set typedef, but the dweebs who installed it did
?S: a half-fast job and neglected to provide the macros to manipulate
?S: an fd_set, HAS_FDS_BITS will let us know how to fix the gaffe.
?S:.
?C:HAS_FD_SET:
?C: This symbol, when defined, indicates presence of the fd_set typedef
?C: in <sys/types.h>
?C:.
?C:HAS_FD_MACROS:
?C: This symbol, when defined,
  indicates presence of the macros used to
?C: manipulate an fd_set.
?C:.
?C:HAS_FDS_BITS:
?C: This symbol, when defined, indicates presence of the fds_bits member in
?C: fd_set.  This knowledge is useful if fd_set is available but the macros
?C: aren't.
?C:.
?H:#$d_fd_set HAS_FD_SET /**/
?H:#$d_fd_macros HAS_FD_MACROS /**/
?H:#$d_fds_bits HAS_FDS_BITS /**/
?H:.
?F:!try
: check for fd_set items
$cat <<EOM
```

```
Checking to see how well your C compiler handles fd_set and friends ...
EOM
?X: The FD_SET macros can be in strange places.  On some SysV-based
?X: systems, they are in <sys/bsdtypes.h>, which is included (perhaps)
?X: by <sys/socket.h>.  We won't force people to include
?X: <sys/bsdtypes.h> because it might introduce other
?X: incompatibilities.
$cat >try.c <<EOCP
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#$i_systime I_SYS_TIME
#$i_sysselct I_SYS_SELECT
#$d_socket HAS_SOCKET
#include <sys/types.h>
#ifdef HAS_SOCKET
#include <sys/socket.h> /* Might include <sys/bsdtypes.h>
 */
#endif
#ifdef I_SYS_TIME
#include <sys/time.h>
#endif
#ifdef I_SYS_SELECT
#include <sys/select.h>
#endif
int main() {
 fd_set fds;

#ifdef TRYBITS
 if(fds.fds_bits);
#endif

#if defined(FD_SET) && defined(FD_CLR) && defined(FD_ISSET) && defined(FD_ZERO)
 exit(0);
#else
 exit(1);
#endif
}
EOCP
set try -DTRYBITS
if eval $compile; then
 d_fds_bits="$define"
 d_fd_set="$define"
 echo "Well, your system knows about the normal fd_set typedef..." >&4
 if $run ./try; then
  echo "and you have the normal fd_set macros (just as I'd expect)." >&4
```

```
  d_fd_macros="$define"
 else
  $cat >&4 <<'EOM'
but not the normal fd_set macros!  Gaaack!  I'll have to cover for you.
EOM
  d_fd_macros="$undef"
 fi
else
 $cat <<'EOM'
Hmm, your compiler has some difficulty with fd_set.  Checking further...
EOM
 set try
 if eval $compile; then
  d_fds_bits="$undef"
  d_fd_set="$define"
  echo "Well, your system has some sort of fd_set available..." >&4
  if $run ./try; then
   echo "and you have the normal
 fd_set macros." >&4
   d_fd_macros="$define"
  else
   $cat <<'EOM'
but not the normal fd_set macros!  Gross!  More work for me...
EOM
   d_fd_macros="$undef"
  fi
 else
 echo "Well, you got zip.  That's OK, I can roll my own fd_set stuff." >&4
  d_fd_set="$undef"
  d_fds_bits="$undef"
  d_fd_macros="$undef"
 fi
fi
$rm_try
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_fd_set.U
No license file was found, but licenses were detected in source scan.

?RCS: Copyright (c) 2016 Dagfinn Ilmari Mannsker & H.Merijn Brand
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_siginfo_si_errno d_siginfo_si_pid d_siginfo_si_uid d_siginfo_si_addr d_siginfo_si_status d_siginfo_si_band d_siginfo_si_value d_siginfo_si_fd: d_sigaction pidtype uidtype Hasfield_t
?MAKE: -pick add $@ %<

```
?S:d_siginfo_si_errno:
?S: This variable conditionally defines the HAS_SIGINFO_SI_ERRNO symbol,
?S: which indicates that the siginfo_t struct has the si_errno member.
?S:.
?S:d_siginfo_si_pid:
?S: This variable conditionally defines the HAS_SIGINFO_SI_PID symbol,
?S: which indicates that the siginfo_t struct has the si_pid member.
?S:.
?S:d_siginfo_si_uid:
?S: This variable conditionally defines the HAS_SIGINFO_SI_UID symbol,
?S: which indicates that the siginfo_t struct has the si_uid member.
?S:.
?S:d_siginfo_si_addr:
?S: This
 variable conditionally defines the HAS_SIGINFO_SI_ADDR symbol,
?S: which indicates that the siginfo_t struct has the si_addr member.
?S:.
?S:d_siginfo_si_status:
?S: This variable conditionally defines the HAS_SIGINFO_SI_STATUS symbol,
?S: which indicates that the siginfo_t struct has the si_status member.
?S:.
?S:d_siginfo_si_band:
?S: This variable conditionally defines the HAS_SIGINFO_SI_BAND symbol,
?S: which indicates that the siginfo_t struct has the si_band member.
?S:.
?S:d_siginfo_si_value:
?S: This variable conditionally defines the HAS_SIGINFO_SI_VALUE symbol,
?S: which indicates that the siginfo_t struct has the si_value member.
?S:.
?S:d_siginfo_si_fd:
?S: This variable conditionally defines the HAS_SIGINFO_SI_FD symbol,
?S: which indicates that the siginfo_t struct has the si_fd member.
?S:.
?C:HAS_SIGINFO_SI_ERRNO:
?C: This symbol, if defined, indicates that siginfo_t has the
?C: si_errno member
?C:.
?C:HAS_SIGINFO_SI_PID:
?C: This
 symbol, if defined, indicates that siginfo_t has the
?C: si_pid member
?C:.
?C:HAS_SIGINFO_SI_UID:
?C: This symbol, if defined, indicates that siginfo_t has the
?C: si_uid member
?C:.
?C:HAS_SIGINFO_SI_ADDR:
?C: This symbol, if defined, indicates that siginfo_t has the
```

```
?C: si_addr member
?C:.
?C:HAS_SIGINFO_SI_STATUS:
?C: This symbol, if defined, indicates that siginfo_t has the
?C: si_status member
?C:.
?C:HAS_SIGINFO_SI_BAND:
?C: This symbol, if defined, indicates that siginfo_t has the
?C: si_band member
?C:.
?C:HAS_SIGINFO_SI_VALUE:
?C: This symbol, if defined, indicates that siginfo_t has the
?C: si_value member
?C:.
?C:HAS_SIGINFO_SI_FD:
?C: This symbol, if defined, indicates that siginfo_t has the
?C: si_fd member
?C:.
?H:#$d_siginfo_si_errno HAS_SIGINFO_SI_ERRNO /**/
?H:#$d_siginfo_si_pid HAS_SIGINFO_SI_PID /**/
?H:#$d_siginfo_si_uid HAS_SIGINFO_SI_UID /**/
?H:#$d_siginfo_si_addr HAS_SIGINFO_SI_ADDR /**/
?H:#$d_siginfo_si_status HAS_SIGINFO_SI_STATUS /**/
?H:#$d_siginfo_si_band HAS_SIGINFO_SI_BAND /**/
?H:#$d_siginfo_si_value HAS_SIGINFO_SI_VALUE /**/
?H:#$d_siginfo_si_fd HAS_SIGINFO_SI_FD /**/
?H:.
:
 see what siginfo fields we have
case "$d_sigaction" in
"$define")
 echo "Checking if your siginfo_t has si_errno field..."">&4
 set d_siginfo_si_errno siginfo_t int si_errno $d_sigaction signal.h
 eval $hasfield_t;

 echo "Checking if your siginfo_t has si_pid field..."">&4
 set d_siginfo_si_pid siginfo_t $pidtype si_pid $d_sigaction signal.h
 eval $hasfield_t;

 echo "Checking if your siginfo_t has si_uid field..."">&4
 set d_siginfo_si_uid siginfo_t $uidtype si_uid $d_sigaction signal.h
 eval $hasfield_t;

 echo "Checking if your siginfo_t has si_addr field..."">&4
 set d_siginfo_si_addr siginfo_t "void *" si_addr $d_sigaction signal.h
 eval $hasfield_t;

 echo "Checking if your siginfo_t has si_status field..."">&4
```

```
 set d_siginfo_si_status siginfo_t int si_status $d_sigaction signal.h
 eval $hasfield_t;

 echo "Checking if your siginfo_t has si_band field...">&4
 set
 d_siginfo_si_band siginfo_t long si_band $d_sigaction signal.h
 eval $hasfield_t;

 echo "Checking if your siginfo_t has si_value field...">&4
 set d_siginfo_si_value siginfo_t "union sigval" si_value $d_sigaction signal.h
 eval $hasfield_t;

 echo "Checking if your siginfo_t has si_fd field...">&4
 set d_siginfo_si_fd siginfo_t int si_fd $d_sigaction signal.h
 eval $hasfield_t;

 ;;
*)
 d_siginfo_si_errno="$undef"
 d_siginfo_si_pid="$undef"
 d_siginfo_si_uid="$undef"
 d_siginfo_si_addr="$undef"
 d_siginfo_si_status="$undef"
 d_siginfo_si_band="$undef"
 d_siginfo_si_value="$undef"
 d_siginfo_si_fd="$undef"
 ;;
esac

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_siginfo_si.U
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?RCS:
?MAKE:d_tgamma: Inlibc
?MAKE: -pick add $@ %<
?S:d_tgamma:
?S: This variable conditionally defines the HAS_TGAMMA symbol, which
?S: indicates to the C program that the tgamma() routine is available
?S: for the gamma function.  See also d_lgamma.
?S:.
?C:HAS_TGAMMA:
?C: This symbol, if defined, indicates that the tgamma routine is
?C: available to do the gamma function. See also HAS_LGAMMA.
?C:.
```

```
?H:#$d_tgamma HAS_TGAMMA  /**/
?H:.
?LINT:set d_tgamma
: see if tgamma exists
set tgamma d_tgamma
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_tgamma.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_strtoq: Inlibc
?MAKE: -pick add $@ %<
?S:d_strtoq:
?S: This variable conditionally defines the HAS_STRTOQ symbol, which
?S: indicates to the C program that the strtoq() routine is available.
?S:.
?C:HAS_STRTOQ:
?C: This symbol, if defined, indicates that the strtoq routine is
?C: available to convert strings to long longs (quads).
?C:.
?H:#$d_strtoq HAS_STRTOQ  /**/
?H:.
?LINT:set d_strtoq
: see if strtoq exists
set strtoq d_strtoq
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strtoq.U
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```
?RCS: $Id: libs.U,v 3.0.1.6 1997/02/28 16:09:11 ram Exp $
?RCS:
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```

```
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: libs.U,v $
?RCS: Revision 3.0.1.6  1997/02/28  16:09:11  ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS:
?RCS: Revision 3.0.1.5  1995/07/25  14:12:05  ram
?RCS: patch56: now knows about OS/2 platforms
?RCS:
?RCS: Revision 3.0.1.4  1994/10/29  16:24:22  ram
?RCS: patch36: removed old broken thislib/thatlib processing (ADO)
?RCS:
?RCS: Revision 3.0.1.3  1994/06/20  07:05:44  ram
?RCS: patch30: code cleanup with if/elif by ADO and RAM
?RCS: patch30:
 undone patch23 for libswanted default setting
?RCS:
?RCS: Revision 3.0.1.2  1994/05/06  15:08:45  ram
?RCS: patch23: now includes ordered default libswanted variable (ADO)
?RCS: patch23: major cleanup for library lookups (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1993/08/25  14:02:31  ram
?RCS: patch6: added default for libs
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:03  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:libs ignore_versioned_solibs libsfound libsfiles libsdirs libspath: \
 test cat Myread Oldconfig Loc libpth package xlibpth so _a \
 usesocks sed uselongdouble usequadmath
?MAKE: -pick add $@ %<
?S:libs:
?S: This variable holds the additional libraries we want to use.
?S: It is up to the Makefile to deal with it.  The list can be empty.
?S:.
?S:libsfound:
?S: This variable holds the full pathnames of the libraries
?S: we found and accepted.
?S:.
?S:libsfiles:
?S: This variable holds the filenames aka basenames of the libraries
?S: we found and accepted.
?S:.
?S:libsdirs:
?S: This
 variable holds the directory names aka dirnames of the libraries
?S: we found and accepted, duplicates are removed.
```

```
?S:.
?S:libspath:
?S: This variable holds the directory names probed for libraries.
?S:.
?S:ignore_versioned_solibs:
?S: This variable should be non-empty if non-versioned shared
?S: libraries (libfoo.so.x.y) are to be ignored (because they
?S: cannot be linked against).
?S:.
?T:xxx yyy thislib thisdir libswanted libstyle
?D:libs=''
?X:
?X: This order is chosen so that libraries  -lndir, -ldir, -lucb, -lbsd,
?X: -lBSD, -lPW, and -lx only get used if there are unresolved
?X: routines at link time.  Usually, these are backwards compatibility
?X: libraries, and may not be as reliable as the standard c library.
?X:
?X: The -lsocket -linet -lnsl order has been reported to be necessary
?X: for at least one SVR4 implementation.
?X: -lc must proceed -lucb or -lbsd for most Solaris applications.
?X: -lc_s proceeds -lc so we pick up the shared library version,
 if
?X: it is available.
?X:
?X: The ordering of c, posix, and cposix is a guess and almost
?X: certainly wrong on about half of all systems.
?X:
?X: Set proper libswanted in your private Myinit.U if needed.
?X:
?X:: default ordered library list
?X:libswanted='net socket inet bind nsl nm sdbm gdbm ndbm dbm malloc dl'
?X:libswanted="$libswanted dld sun m c_s c posix cposix ndir dir ucb"
?X:libswanted="$libswanted bsd BSD PW x"
?X:
?INIT:: default library list
?INIT:libswanted=''
?INIT:: some systems want to use only the non-versioned libso:s
?INIT:ignore_versioned_solibs=''
?LINT:extern usecbacktrace
?LINT:extern libscheck
?LINT:extern p
?LINT:use uselongdouble
: Looking for optional libraries
echo " "
echo "Checking for optional libraries..." >&4
case "$libs" in
' '|'') dflt='';;
*) dflt="$libs";;
```

```
esac
case "$libswanted" in
") libswanted='c_s';;
esac
?X: libsocks has nasty naming scheme.
?X: This does not work if somebody wants SOCKS 4.
case "$usesocks" in
"$define") libswanted="$libswanted
 socks5 socks5_sh" ;;
esac
case "$usecbacktrace" in
"$define") libswanted="$libswanted bfd" ;;
esac
case "$usequadmath" in
"$define") libswanted="$libswanted quadmath" ;;
esac
libsfound="
libsfiles="
libsdirs="
libspath="
for thisdir in $libpth $xlibpth; do
 test -d $thisdir && libspath="$libspath $thisdir"
done
for thislib in $libswanted; do
 for thisdir in $libspath; do
    xxx="
    if $test ! -f "$xxx" -a "X$ignore_versioned_solibs" = "X"; then
  xxx=`ls $thisdir/lib$thislib.$so.[0-9] 2>/dev/null|sed -n '$p'`
        $test -f "$xxx" && eval $libscheck
  $test -f "$xxx" && libstyle=shared
  xxx=`ls $thisdir/lib$thislib.[0-9].$so 2>/dev/null|sed -n '$p'`
        $test -f "$xxx" && eval $libscheck
  $test -f "$xxx" && libstyle=shared
    fi
    if test ! -f "$xxx"; then
  xxx=$thisdir/lib$thislib.$so
        $test -f "$xxx" && eval $libscheck
  $test -f "$xxx" && libstyle=shared
    fi
    if test ! -f "$xxx"; then
  xxx=$thisdir/lib$thislib$_a
        $test -f "$xxx"
 && eval $libscheck
  $test -f "$xxx" && libstyle=static
    fi
    if test ! -f "$xxx"; then
  xxx=$thisdir/$thislib$_a
        $test -f "$xxx" && eval $libscheck
```

```
  $test -f "$xxx" && libstyle=static
    fi
    if test ! -f "$xxx"; then
  xxx=$thisdir/lib${thislib}_s$_a
        $test -f "$xxx" && eval $libscheck
  $test -f "$xxx" && libstyle=static
  $test -f "$xxx" && thislib=${thislib}_s
    fi
    if test ! -f "$xxx"; then
  xxx=$thisdir/Slib$thislib$_a
        $test -f "$xxx" && eval $libscheck
  $test -f "$xxx" && libstyle=static
    fi
    if $test -f "$xxx"; then
  case "$libstyle" in
  shared) echo "Found -l$thislib (shared)." ;;
  static) echo "Found -l$thislib." ;;
  *)      echo "Found -l$thislib ($libstyle)." ;;
  esac
  case " $dflt " in
  *"-l$thislib "*);;
  *) dflt="$dflt -l$thislib"
                libsfound="$libsfound $xxx"
                yyy=`basename $xxx`
                libsfiles="$libsfiles $yyy"
                yyy=`echo $xxx|$sed -e
 "s%/$yyy\\$%%"`
                case " $libsdirs " in
                *" $yyy "*) ;;
                *) libsdirs="$libsdirs $yyy" ;;
                esac
    ;;
  esac
  break
    fi
 done
 if $test ! -f "$xxx"; then
    echo "No -l$thislib."
 fi
done
set X $dflt
shift
dflt="$*"
case "$libs" in
") dflt="$dflt";;
*) dflt="$libs";;
esac
case "$dflt" in
```

```
' '|'') dflt='none';;
esac

$cat <<EOM

In order to compile $package on your machine, a number of libraries
are usually needed.  Include any other special libraries here as well.
Say "none" for none.  The default list is almost always right.
EOM

echo " "
rp="What libraries to use?"
. ./myread
case "$ans" in
none) libs=' ';;
*) libs="$ans";;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/libs.U
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```
?RCS: $Id: d_setgrps.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_setgrps.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:08  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setgrps: Inlibc
?MAKE: -pick add $@ %<
?S:d_setgrps:
?S: This variable conditionally defines the HAS_SETGROUPS symbol, which
?S: indicates to the C program that the setgroups() routine is available
?S: to set the list of process groups.
?S:.
?C:HAS_SETGROUPS:
?C: This symbol, if defined, indicates that the setgroups() routine is
?C: available
```

```
 to set the list of process groups.  If unavailable, multiple
?C: groups are probably not supported.
?C:.
?H:#$d_setgrps HAS_SETGROUPS  /**/
?H:.
?LINT:set d_setgrps
: see if setgroups exists
set setgroups d_setgrps
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setgrps.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1996,1998 Andy Dougherty
?RCS: Copyright (c) 1996, Sven Verdoolaege
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?MAKE:d_gnulibc gnulibc_version: Myread Oldconfig Setvar rm_try \
 cat Compile run
?MAKE: -pick add $@ %<
?S:d_gnulibc:
?S: Defined if we're dealing with the GNU C Library.
?S:.
?S:gnulibc_version:
?S: This variable contains the version number of the GNU C library.
?S: It is usually something like '2.2.5'.  It is a plain '' if this
?S: is not the GNU C library, or if the version is unknown.
?S:.
?C:HAS_GNULIBC ~ %<:
?C: This
 symbol, if defined, indicates to the C program that
?C: the GNU C library is being used.  A better check is to use
?C: the __GLIBC__ and __GLIBC_MINOR__ symbols supplied with glibc.
?C:.
?H:?%<:#$d_gnulibc HAS_GNULIBC   /**/
?H:?%<:#if defined(HAS_GNULIBC) && !defined(_GNU_SOURCE)
?H:?%<:#define _GNU_SOURCE
?H:?%<:#endif
```

```
?H:.
?F:!glibc.ver !try.c !try
?LINT: set d_gnulibc
?LINT: usefile try.c
?LINT: known _GNU_SOURCE
?X: gnulibc can be executed by calling __libc_main().
?X: Ulrich Drepper doesn't think any other libc does that,
?X: but we check if it says 'GNU C Library' to be sure.
?X:
?X: Alas, as of 3/1998 glibc 2.0.7 reportedly isn't going to
?X: have __libc_main() anymore. :-(.  Fortunately, all released
?X: versions of glibc 2.x.x _do_ have CPP variables.  For 2.0.6,
?X: they are:
?X: #define __GLIBC__  2
?X: #define__GLIBC_MINOR__ 0.
?X: (The '6' isn't available :-(.
?X: glibc2.1 will also have
?X:  extern const char * __gnu_get_libc_release(void);
?X:  extern const char *
 __gnu_get_libc_version(void);
?X: functions.   --thanks to Andreas Jaeger.   --AD  6/1998.
?X: Although the exact format isn't documented, __gnu_get_libc_version()
?X: returns a simple string '2.1.3' in glibc 2.1.3.
?X:
: determine whether we are using a GNU C library
echo " "
echo "Checking for GNU C Library..." >&4
cat >try.c <<'EOCP'
/* Find out version of GNU C library.  __GLIBC__ and __GLIBC_MINOR__
  alone are insufficient to distinguish different versions, such as
  2.0.6 and 2.0.7.  The function gnu_get_libc_version() appeared in
  libc version 2.1.0.      A. Dougherty,  June 3, 2002.
*/
#include <stdio.h>
int main(void)
{
#ifdef __GLIBC__
#   ifdef __GLIBC_MINOR__
#       if __GLIBC__ >= 2 && __GLIBC_MINOR__ >= 1
#           include <gnu/libc-version.h>
     printf("%s\n",  gnu_get_libc_version());
#       else
     printf("%d.%d\n",  __GLIBC__, __GLIBC_MINOR__);
#       endif
#   else
 printf("%d\n",  __GLIBC__);
#   endif
   return 0;
```

```
#else
   return 1;
#endif
}
EOCP
set
 try
if eval $compile_ok && $run ./try > glibc.ver; then
 val="$define"
 gnulibc_version=`$cat glibc.ver`
 echo "You are using the GNU C Library version $gnulibc_version"
else
 val="$undef"
 gnulibc_version=''
 echo "You are not using the GNU C Library"
fi
$rm_try glibc.ver
set d_gnulibc
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_gnulibc.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_dirent.U,v 3.0.1.4 1994/10/29 16:20:01 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: i_dirent.U,v $
?RCS: Revision 3.0.1.4  1994/10/29  16:20:01  ram
?RCS: patch36: failed scanning for 'd_namlen' with missing <dirent.h> (ADO)
?RCS:
?RCS: Revision 3.0.1.3  1994/06/20  07:01:25  ram
?RCS: patch30: added direntrytype for hints, merely for NeXT (ADO)
?RCS: patch30: now checks for both struct dirent and direct (ADO)
?RCS:
?RCS: Revision 3.0.1.2  1994/05/13  15:22:37  ram
?RCS: patch27: new variable direntrytype for proper type setting (ADO)
?RCS:
?RCS:
```

```
 Revision 3.0.1.1  1994/01/24  14:11:15  ram
?RCS: patch16: added new Direntry_t pseudo-type for directory entries
?RCS:
?RCS: Revision 3.0  1993/08/18  12:08:17  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit looks whether there is a dirent system or not
?X:
?MAKE:i_dirent d_dirnamlen direntrytype: test contains Setvar \
 Myread Findhdr cppstdin cppflags cppminus rm_try
?MAKE: -pick add $@ %<
?S:i_dirent:
?S: This variable conditionally defines I_DIRENT, which indicates
?S: to the C program that it should include <dirent.h>.
?S:.
?S:d_dirnamlen:
?S: This variable conditionally defines DIRNAMLEN, which indicates
?S: to the C program that the length of directory entry names is
?S: provided by a d_namelen field.
?S:.
?S:direntrytype:
?S: This symbol is set to 'struct direct' or 'struct dirent' depending on
?S: whether dirent is available or not. You should use this pseudo type to
?S: portably declare your directory entries.
?S:.
?C:I_DIRENT:
?C: This symbol,
 if defined, indicates to the C program that it should
?C: include <dirent.h>. Using this symbol also triggers the definition
?C: of the Direntry_t define which ends up being 'struct dirent' or
?C: 'struct direct' depending on the availability of <dirent.h>.
?C:.
?C:DIRNAMLEN:
?C: This symbol, if defined, indicates to the C program that the length
?C: of directory entry names is provided by a d_namlen field.  Otherwise
?C: you need to do strlen() on the d_name field.
?C:.
?C:Direntry_t:
?C: This symbol is set to 'struct direct' or 'struct dirent' depending on
?C: whether dirent is available or not. You should use this pseudo type to
?C: portably declare your directory entries.
?C:.
?H:#$i_dirent I_DIRENT  /**/
?H:#$d_dirnamlen DIRNAMLEN /**/
?H:?%<:@if I_DIRENT && Direntry_t
?H:?%<:#define Direntry_t $direntrytype
?H:?%<:@end
```

```
?H:.
?T:xinc guess1 guess2
?LINT:set i_dirent d_dirnamlen
: see if this is a dirent system
echo " "
if xinc=`./findhdr dirent.h`; $test "$xinc"; then
 val="$define"
 echo
 "<dirent.h> found." >&4
else
 val="$undef"
 if xinc=`./findhdr sys/dir.h`; $test "$xinc"; then
  echo "<sys/dir.h> found." >&4
  echo " "
 else
  xinc=`./findhdr sys/ndir.h`
 fi
 echo "<dirent.h> NOT found." >&4
fi
set i_dirent
eval $setvar

?X: Use struct dirent or struct direct?   If we're using dirent.h,
?X: it's probably struct dirent, but apparently not always.
?X: Assume $xinc still contains the name of the header file we're using.
@if direntrytype || Direntry_t
: Look for type of directory structure.
echo " "
$cppstdin $cppflags $cppminus < "$xinc" > try.c

case "$direntrytype" in
"|' ')
 case "$i_dirent" in
 $define) guess1='struct dirent' ;;
 *) guess1='struct direct'  ;;
 esac
 ;;
*) guess1="$direntrytype"
 ;;
esac

case "$guess1" in
'struct dirent') guess2='struct direct' ;;
*) guess2='struct dirent' ;;
esac

if $contains "$guess1" try.c >/dev/null 2>&1; then
 direntrytype="$guess1"
```

```
 echo "Your directory entries are $direntrytype." >&4
elif $contains "$guess2"
 try.c >/dev/null 2>&1; then
 direntrytype="$guess2"
 echo "Your directory entries seem to be $direntrytype." >&4
else
 echo "I don't recognize your system's directory entries." >&4
 rp="What type is used for directory entries on this system?"
 dflt="$guess1"
 . ./myread
 direntrytype="$ans"
fi
$rm_try

@end
@if d_dirnamlen || DIRNAMLEN
: see if the directory entry stores field length
echo " "
$cppstdin $cppflags $cppminus < "$xinc" > try.c
if $contains 'd_namlen' try.c >/dev/null 2>&1; then
 echo "Good, your directory entry keeps length information in d_namlen." >&4
 val="$define"
else
 echo "Your directory entry does not know about the d_namlen field." >&4
 val="$undef"
fi
set d_dirnamlen
eval $setvar
$rm_try

@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_dirent.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: so.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: so.U,v $
```

```
?RCS: Revision 3.0.1.2  1994/10/29  16:30:04  ram
?RCS: patch36: now tells user how he can suppress shared lib lookup (ADO)
?RCS: patch36: removed echo at the top, since it's now in the here-doc (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/06/20  07:07:02  ram
?RCS: patch30: created
?RCS:
?X:
?X: This unit computes the shared-object / shared-lib extension
?X:
?MAKE:so d_libname_unique: test libpth Loc Myread Oldconfig cat Setvar
?MAKE: -pick add $@ %<
?S:so:
?S: This
 variable holds the extension used to identify shared libraries
?S: (also known as shared objects) on the system. Usually set to 'so'.
?S:.
?S:d_libname_unique:
?S: This variable is defined if the target system insists on unique
?S: basenames for shared library files. This is currently true on Android,
?S: false everywhere else we know of.
?S: Defaults to 'undef'.
?S:.
?LINT:set d_libname_unique
?T: xxx
: compute shared library extension
case "$so" in
")
 if xxx=`./loc libc.sl X $libpth`; $test -f "$xxx"; then
  dflt='sl'
 else
  dflt='so'
 fi
 ;;
*) dflt="$so";;
esac
$cat <<EOM

On some systems, shared libraries may be available.  Answer 'none' if
you want to suppress searching of shared libraries for the remainder
of this configuration.

EOM
rp='What is the file extension used for shared libraries?'
. ./myread
so="$ans"

: Does target system insist that shared library basenames are unique
```

```
$cat << EOM

Some dynamic loaders assume that the *basename* of shared library
 filenames
are globally unique.  We'll default this to undef as we assume your system
is not this weird. Set to defined if you're on one of them.

EOM

dflt='n'
rp='Make shared library basenames unique?'
. ./myread
case "$ans" in
y|Y) val="$define" ;;
*)   val="$undef"  ;;
esac
set d_libname_unique
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/so.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getprotby.U,v $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_getpbyname d_getpbynumber: Inlibc
?MAKE: -pick add $@ %<
?S:d_getpbyname:
?S: This variable conditionally defines the HAS_GETPROTOBYNAME
?S: symbol, which indicates to the C program that the
?S: getprotobyname() routine is available to look up protocols
?S: by their name.
?S:.
?S:d_getpbynumber:
?S: This variable conditionally defines the HAS_GETPROTOBYNUMBER
?S: symbol, which indicates to the C program that the
?S: getprotobynumber() routine is available to look up protocols
?S: by their number.
?S:.
?C:HAS_GETPROTOBYNAME:
?C: This symbol, if defined, indicates that the getprotobyname()
?C: routine is available to look up protocols by their name.
```

```
?C:.
?C:HAS_GETPROTOBYNUMBER:
?C: This
 symbol, if defined, indicates that the getprotobynumber()
?C: routine is available to look up protocols by their number.
?C:.
?H:#$d_getpbyname HAS_GETPROTOBYNAME  /**/
?H:#$d_getpbynumber HAS_GETPROTOBYNUMBER  /**/
?H:.
?LINT:set d_getpbyname d_getpbynumber
: Optional checks for getprotobyname and getprotobynumber

@if d_getpbyname || HAS_GETPROTOBYNAME
: see if getprotobyname exists
set getprotobyname d_getpbyname
eval $inlibc
@end

@if d_getpbynumber || HAS_GETPROTOBYNUMBER
: see if getprotobynumber exists
set getprotobynumber d_getpbynumber
eval $inlibc
@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_getprotby.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000, Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_lseekproto: Hasproto i_systypes i_unistd
?MAKE: -pick add $@ %<
?S:d_lseekproto:
?S: This variable conditionally defines the HAS_LSEEK_PROTO symbol,
?S: which indicates to the C program that the system provides
?S: a prototype for the lseek() function.  Otherwise, it is
?S: up to the program to supply one.
?S:.
?C:HAS_LSEEK_PROTO:
```

```
?C: This symbol, if defined, indicates that the system provides
?C: a prototype for the lseek() function.  Otherwise, it is up
?C: to the program to supply one.  A good guess is
?C:  extern
 off_t lseek(int, off_t, int);
?C:.
?H:#$d_lseekproto HAS_LSEEK_PROTO /**/
?H:.
?LINT:set d_lseekproto
: see if prototype for lseek is available
echo " "
set d_lseekproto lseek $i_systypes sys/types.h $i_unistd unistd.h
eval $hasproto
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/d_lseekproto.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: prefix.U,v 3.1 1999/07/08 18:27:51 doughera Exp doughera $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: prefix.U,v $
?RCS: Revision 3.1  1999/07/08 18:27:51  doughera
?RCS: 5.005_5x version -- Andy Dougherty
?RCS:
?RCS: Revision 3.0.1.2  1995/01/30  14:44:05  ram
?RCS: patch49: new prefixexp variable holding a fully expanded prefix
?RCS: patch49: save off previous prefix value in oldprefix if changed (WED)
?RCS: patch49: added the INSTALLPREFIX define for C programs to use (WED)
?RCS:
?RCS:
 Revision 3.0.1.1  1994/08/29  16:31:34  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:prefix prefixexp +oldprefix: Getfile Loc Oldconfig cat package
?MAKE: -pick add $@ %<
?S:prefix:
?S: This variable holds the name of the directory below which the
```

```
?S: user will install the package.  Usually, this is /usr/local, and
?S: executables go in /usr/local/bin, library stuff in /usr/local/lib,
?S: man pages in /usr/local/man, etc.  It is only used to set defaults
?S: for things in bin.U, mansrc.U, privlib.U, or scriptdir.U.
?S:.
?S:prefixexp:
?S: This variable holds the full absolute path of the directory below
?S: which the user will install the package.  Derived from prefix.
?S:.
?S:oldprefix:
?S: This variable is set non-null if the prefix was previously defined
?S: and gets set to a new value. Used internally by Configure only.
?S:.
?C:INSTALLPREFIX:
?C: This symbol contains the name of the install prefix for this package.
?C:.
?H:#define INSTALLPREFIX "$prefix"  /**/
?H:.
:
 determine root of directory hierarchy where package will be installed.
case "$prefix" in
")
 dflt=`./loc . /usr/local /usr/local /local /opt /usr`
 ;;
*?/)
 dflt=`echo "$prefix" | sed 's/.$//'`
 ;;
*)
 dflt="$prefix"
 ;;
esac
$cat <<EOM

By default, $package will be installed in $dflt/bin, manual pages
under $dflt/man, etc..., i.e. with $dflt as prefix for all
installation directories. Typically this is something like /usr/local.
If you wish to have binaries under /usr/bin but other parts of the
installation under /usr/local, that's ok: you will be prompted
separately for each of the installation directories, the prefix being
only used to set the defaults.

EOM
fn=d~
rp='Installation prefix to use?'
. ./getfile
oldprefix=''
case "$prefix" in
") ;;
```

```
*)
 case "$ans" in
 "$prefix") ;;
 *) oldprefix="$prefix";;
 esac
 ;;
esac
prefix="$ans"
prefixexp="$ansexp"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/prefix.U
No license file was found, but licenses were detected in source scan.

```
?RCS: Copyright (c) 2017, Karl Williamson
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_wcrtomb: Inlibc
?MAKE: -pick add $@ %<
?S:d_wcrtomb:
?S: This variable conditionally defines the HAS_WCRTOMB symbol if the
?S: wcrtomb() routine is available to be used to convert a wide character
?S: into a multi-byte character.
?S:.
?C:HAS_WCRTOMB:
?C: This symbol, if defined, indicates that the wcrtomb routine is
?C: available to convert a wide character into a multi-byte character.
?C:.
?H:#$d_wcrtomb HAS_WCRTOMB /**/
?H:.
?LINT: set d_wcrtomb
: see if wcrtomb exists
set wcrtomb d_wcrtomb
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_wcrtomb.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: libpth.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: libpth.U,v $
?RCS: Revision 3.0.1.6  1997/02/28  16:08:49  ram
?RCS: patch61: new loclibpth variable
?RCS:
?RCS: Revision 3.0.1.5  1995/01/11  15:31:30  ram
?RCS: patch45: call ./mips instead of just mips (WED)
?RCS:
?RCS: Revision 3.0.1.4  1994/08/29  16:29:15  ram
?RCS: patch32: added /lib/pa1.1 for HP-UX specially tuned PA-RISC libs (ADO)
?RCS: patch32: fixed information message, making it clearer (ADO)
?RCS:
?RCS: Revision 3.0.1.3  1994/06/20  07:03:54
  ram
?RCS: patch30: added /usr/shlib to glibpth for shared-only libraries
?RCS:
?RCS: Revision 3.0.1.2  1994/05/13  15:26:57  ram
?RCS: patch27: fixed a typo (libpth -> glibpth)
?RCS:
?RCS: Revision 3.0.1.1  1994/05/06  15:07:53  ram
?RCS: patch23: now asks for library directories to be searched (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:02  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit initializes the path for C library lookup.
?X:
?MAKE:libpth glibpth xlibpth plibpth loclibpth incpth: \
 usrinc incpath test cat Myread Oldconfig sysroot osname \
 ccname echo cppstdin awk grep sed rm usecrosscompile
?MAKE: -pick add $@ %<
?S:libpth:
?S: This variable holds the general path (space-separated) used to find
?S: libraries. It is intended to be used by other units.
?S:.
?S:glibpth:
?S: This variable holds the general path (space-separated) used to
?S: find libraries.  It may contain directories that do not exist on
?S: this platform, libpth is the cleaned-up
```

```
 version.
?S:.
?S:xlibpth:
?S: This variable holds extra path (space-separated) used to find
?S: libraries on this platform, for example CPU-specific libraries
?S: (on multi-CPU platforms) may be listed here.
?S:.
?S:loclibpth:
?S: This variable holds the paths (space-separated) used to find local
?S: libraries.  It is prepended to libpth, and is intended to be easily
?S: set from the command line.
?S:.
?S:plibpth:
?S: Holds the private path used by Configure to find out the libraries.
?S: Its value is prepend to libpth. This variable takes care of special
?S: machines, like the mips.  Usually, it should be empty.
?S:.
?S:incpth:
?S: This variable must precede the normal include path to get the
?S: right one, as in "$incpath/usr/include" or "$incpath/usr/lib".
?S: Value can be "" or "/bsd43" on mips.
?S:.
?T: xxx dlist i j croak
?LINT:extern incpth
?LINT:change usrinc
?INIT:: change the next line if compiling for Xenix/286 on Xenix/386
?INIT:xlibpth='/usr/lib/386 /lib/386'
?INIT::
 Possible local library directories to search.
?INIT:loclibpth="/usr/local/lib /opt/local/lib /usr/gnu/lib"
?INIT:loclibpth="$loclibpth /opt/gnu/lib /usr/GNU/lib /opt/GNU/lib"
?INIT:
?INIT:: general looking path for locating libraries
?INIT:glibpth="/lib /usr/lib $xlibpth"
?INIT:glibpth="$glibpth /usr/ccs/lib /usr/ucblib /usr/local/lib"
?X: /shlib is for Digital Unix 4.0
?X: /usr/shlib is for OSF/1 systems.
?INIT:test -f /usr/shlib/libc.so && glibpth="/usr/shlib $glibpth"
?INIT:test -f /shlib/libc.so     && glibpth="/shlib $glibpth"
?INIT:test -d /usr/lib64         && glibpth="$glibpth /lib64 /usr/lib64 /usr/local/lib64"
?INIT:
?INIT:: Private path used by Configure to find libraries.  Its value
?INIT:: is prepended to libpth. This variable takes care of special
?INIT:: machines, like the mips.  Usually, it should be empty.
?INIT:plibpth=''
?INIT:
?X:cppfilter is later used in Findhdr.U, but we not want to expose it to config.h
?T:cppfilter
```

```
: Adjust cppfilter for path component separator
case
 "$osname" in
vos) cppfilter="tr '\\\>' '/' |" ;; # path component separator is >
os2) cppfilter="sed -e 's|\\\\\\\\|/|g' |" ;; # path component separator is \
*)   cppfilter=" ;;
esac

: Use gcc to determine libpth and incpth
# If using gcc or clang, we can get better values for libpth, incpth
# and usrinc directly from the compiler.
# Note that ccname for clang is also gcc.
case "$ccname" in
  gcc)
 $echo 'extern int foo;' > try.c
 set X `$cppstdin -v try.c 2>&1 | $awk '/^#include </,/^End of search /'|$cppfilter $grep '/include'`
 shift
 if $test $# -gt 0; then
    incpth="$incpth $*"
    incpth="`$echo $incpth|$sed 's/^ //'`"
    for i in $*; do
 j="`$echo $i|$sed 's,/include$,/lib,'`"
 if $test -d $j; then
     libpth="$libpth $j"
 fi
    done
    libpth="`$echo $libpth|$sed 's/^ //'`"
    for xxx in $libpth $loclibpth $plibpth $glibpth; do
 if $test -d $xxx; then
     case " $libpth " in
     *" $xxx "*) ;;
     *) libpth="$libpth $xxx";;
     esac
 fi

   done
 fi
 $rm -f try.c
 case "$usrinc" in
 ") for i in $incpth; do
 if $test -f $i/errno.h -a -f $i/stdio.h -a -f $i/time.h; then
     usrinc="$i"
     break
 fi
    done
    ;;
 esac
```

```
 case "$usecrosscompile" in
 $define|true|[yY]*)
    case "$incpth" in
  ") echo "Incpth not defined." >&4; croak=y ;;
  *)  echo "Using incpth '$incpth'." >&4 ;;
    esac
    case "$libpth" in
  ") echo "Libpth not defined." >&4; croak=y ;;
  *)  echo "Using libpth '$libpth'." >&4 ;;
    esac
    case "$usrinc" in
  ") echo "Usrinc not defined." >&4; croak=y ;;
  *)  echo "Using usrinc $usrinc." >&4 ;;
    esac
    case "$croak" in
  y)
  if test "X$sysroot" = X; then
     echo "Cannot continue, aborting." >&4; exit 1
  else
     echo "Cross-compiling using sysroot $sysroot, failing to guess inc/lib paths is not fatal" >&4
  fi
  ;;
    esac
    ;;
 esac
   ;;
esac

: Default value for incpth is just usrinc
case "$incpth" in
") incpth="$usrinc";;
esac

: Set private lib path
case
 "$plibpth" in
") if ./mips; then
?X: on mips, we DO NOT want /lib, and we want $incpath/usr/lib
 plibpth="$incpath/usr/lib $sysroot/usr/local/lib $sysroot/usr/ccs/lib"
   fi;;
esac
case "$libpth" in
' ') dlist="";;
") dlist="$loclibpth $plibpth $glibpth";;
*) dlist="$libpth";;
esac

: Now check and see which directories actually exist, avoiding duplicates
```

```
for xxx in $dlist
do
   if $test -d $xxx; then
  case " $libpth " in
  *" $xxx "*) ;;
  *) libpth="$libpth $xxx";;
  esac
   fi
done
$cat <<'EOM'

Some systems have incompatible or broken versions of libraries.  Among
the directories listed in the question below, please remove any you
know not to be holding relevant libraries, and add any that are needed.
Say "none" for none.

EOM

if test "X$sysroot" != X; then
   $cat <<EOM
You have set sysroot to $sysroot, please supply the directories excluding sysroot

EOM
fi

case "$libpth" in
") dflt='none';;
*)
?X: strip leading space
 set X $libpth
 shift
 dflt=${1+"$@"}
 ;;
esac
rp="Directories
 to use for library searches?"
. ./myread
case "$ans" in
none) libpth=' ';;
*) libpth="$ans";;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/libpth.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: d_tminsys.U 1 2006-08-24 12:32:52Z rmanfredi $

```
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_tminsys.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:47  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_tminsys: contains Setvar Findhdr
?MAKE: -pick add $@ %<
?S:d_tminsys:
?S: This variable conditionally defines TM_IN_SYS if this system
?S: declares "struct tm" in <sys/time.h> rather than <time.h>.
?S:.
?C:TM_IN_SYS (TMINSYS):
?C: This symbol is defined if this system declares "struct tm" in
?C: in <sys/time.h> rather than <time.h>.
  We can't just say
?C: -I/usr/include/sys because some systems have both time files, and
?C: the -I trick gets the wrong one.
?C:.
?H:#$d_tminsys TM_IN_SYS  /**/
?H:.
?LINT:set d_tminsys
: see if struct tm is defined in sys/time.h
echo " "
if $contains 'struct tm' `./findhdr time.h` >/dev/null 2>&1 ; then
 echo "You have struct tm defined in <time.h> rather than <sys/time.h>." >&4
 val="$undef"
else
 echo "You have struct tm defined in <sys/time.h> rather than <time.h>." >&4
 val="$define"
fi
set d_tminsys
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_tminsys.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_utime.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_utime.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:47  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_utime: Inhdr
?MAKE: -pick add $@ %<
?S:i_utime:
?S: This variable conditionally defines the I_UTIME symbol, and indicates
?S: whether a C program should include <utime.h>.
?S:.
?C:I_UTIME:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <utime.h>.
?C:.
?H:#$i_utime I_UTIME  /**/
?H:.
?LINT:set i_utime
:
 see if this is an utime system
set utime.h i_utime
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_utime.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_asinh: Inlibc
?MAKE: -pick add $@ %<
?S:d_asinh:
?S: This variable conditionally defines the HAS_ASINH symbol, which
?S: indicates to the C program that the asinh() routine is available.
?S:.
?C:HAS_ASINH:
?C: This symbol, if defined, indicates that the asinh routine is
?C: available to do the inverse hyperbolic sine function.
?C:.
```

```
?H:#$d_asinh HAS_ASINH  /**/
?H:.
?LINT:set d_asinh
: see if asinh exists
set asinh d_asinh
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_asinh.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_mkstemp.U,v 3.0.1.1 1994/08/29 16:11:57 ram Exp $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_mkstemp.U,v $
?RCS:
?MAKE:d_mkstemp: Inlibc
?MAKE: -pick add $@ %<
?S:d_mkstemp:
?S: This variable conditionally defines the HAS_MKSTEMP symbol, which
?S: indicates to the C program that the mkstemp() routine is available
?S: to exclusively create and open a uniquely named temporary file.
?S:.
?C:HAS_MKSTEMP :
?C: This symbol, if defined, indicates that the mkstemp routine is
?C: available to exclusively create and open a uniquely named
?C: temporary file.
?C:.
?H:#$d_mkstemp HAS_MKSTEMP  /**/
?H:.
?LINT:set d_mkstemp
: see if mkstemp exists
set mkstemp d_mkstemp
eval
 $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_mkstemp.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_rint: Inlibc
?MAKE: -pick add $@ %<
?S:d_rint:
?S: This variable conditionally defines the HAS_RINT symbol, which
?S: indicates to the C program that the rint() routine is available.
?S:.
?C:HAS_RINT:
?C: This symbol, if defined, indicates that the rint routine is
?C: available to return the nearest integral value to x as double
?C: using the current rounding mode.
?C:.
?H:#$d_rint HAS_RINT  /**/
?H:.
?LINT:set d_rint
: see if rint exists
set rint d_rint
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_rint.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_poll.U,v $
?RCS:
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_poll: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_poll:
?S: This variable conditionally defines the I_POLL symbol, and indicates
?S: whether a C program should include <poll.h>.
?S:.
?C:I_POLL:
?C: This symbol, if defined, indicates that <poll.h> exists and
?C: should be included. (see also HAS_POLL)
?C:.
?H:#$i_poll I_POLL  /**/
?H:.
?LINT:set i_poll
: see if this is a poll.h system
set poll.h i_poll
```

```
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_poll.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_bcopy.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_bcopy.U,v $
?RCS: Revision 3.0.1.2  1993/10/16  13:48:04  ram
?RCS: patch12: added magic support for bcopy()
?RCS:
?RCS: Revision 3.0.1.1  1993/09/13  16:01:11  ram
?RCS: patch10: now only defines HAS_BCOPY, no macro remap on memcpy (WAD)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:44  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_bcopy: Inlibc
?MAKE: -pick add $@ %<
?S:d_bcopy:
?S: This variable conditionally defines the HAS_BCOPY
 symbol if
?S: the bcopy() routine is available to copy strings.
?S:.
?C:HAS_BCOPY:
?C: This symbol is defined if the bcopy() routine is available to
?C: copy blocks of memory.
?C:.
?H:#$d_bcopy HAS_BCOPY /**/
?H:.
?M:bcopy: HAS_BCOPY
?M:#ifndef HAS_BCOPY
?M:#ifndef bcopy
?M:#define bcopy(s,d,l) memcpy((d),(s),(l))
?M:#endif
?M:#endif
?M:.
?LINT:set d_bcopy
```

```
: see if bcopy exists
set bcopy d_bcopy
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_bcopy.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_symlink.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_symlink.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:41  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_symlink: Inlibc
?MAKE: -pick add $@ %<
?S:d_symlink:
?S: This variable conditionally defines the HAS_SYMLINK symbol, which
?S: indicates to the C program that the symlink() routine is available
?S: to create symbolic links.
?S:.
?C:HAS_SYMLINK (SYMLINK):
?C: This symbol, if defined, indicates that the symlink routine is available
?C: to
 create symbolic links.
?C:.
?H:#$d_symlink HAS_SYMLINK /**/
?H:.
?LINT:set d_symlink
: see if symlink exists
set symlink d_symlink
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_symlink.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
```

```
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: mallocsrc.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  16:10:26  ram
?RCS: patch61: added support for Free_t, the type of free()
?RCS: patch61: replaced .o with $_o all over the place
?RCS:
?RCS: Revision 3.0.1.1  1994/05/06  15:10:46  ram
?RCS: patch23: added support for MYMALLOC, mainly  for perl5 (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:12  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:mallocsrc mallocobj usemymalloc malloctype d_mymalloc \
 freetype: Myread \
 Oldconfig
 package Guess Setvar rm cat +cc +ccflags Findhdr \
 i_malloc i_stdlib sed libs _o ptrsize
?MAKE: -pick add $@ %<
?X: Put near top so that other tests don't erroneously include
?X: -lmalloc.  --AD  22 June 1998
?Y:TOP
?S:usemymalloc:
?S: This variable contains y if the malloc that comes with this package
?S: is desired over the system's version of malloc.  People often include
?S: special versions of malloc for effiency, but such versions are often
?S: less portable.  See also mallocsrc and mallocobj.
?S: If this is 'y', then -lmalloc is removed from $libs.
?S:.
?S:mallocsrc:
?S: This variable contains the name of the malloc.c that comes with
?S: the package, if that malloc.c is preferred over the system malloc.
?S: Otherwise the value is null.  This variable is intended for generating
?S: Makefiles.
?S:.
?S:d_mymalloc:
?S: This variable conditionally defines MYMALLOC in case other parts
?S: of the source want to take special action if MYMALLOC is used.
?S: This may include different sorts
 of profiling or error detection.
?S:.
```

```
?S:mallocobj:
?S: This variable contains the name of the malloc.o that this package
?S: generates, if that malloc.o is preferred over the system malloc.
?S: Otherwise the value is null.  This variable is intended for generating
?S: Makefiles.  See mallocsrc.
?S:.
?S:freetype:
?S: This variable contains the return type of free().  It is usually
?S: void, but occasionally int.
?S:.
?S:malloctype:
?S: This variable contains the kind of ptr returned by malloc and realloc.
?S:.
?C:Free_t:
?C: This variable contains the return type of free().  It is usually
?C: void, but occasionally int.
?C:.
?C:Malloc_t (MALLOCPTRTYPE):
?C: This symbol is the type of pointer returned by malloc and realloc.
?C:.
?H:#define Malloc_t $malloctype   /**/
?H:#define Free_t $freetype   /**/
?H:.
?C:MYMALLOC:
?C: This symbol, if defined, indicates that we're using our own malloc.
?C:.
?H:#$d_mymalloc MYMALLOC   /**/
?H:.
?LINT:change libs
?X: Cannot test for mallocsrc; it
 is the unit's name and there is a bug in
?X: the interpreter which defines all the names, even though they are not used.
@if mallocobj
: determine which malloc to compile in
echo " "
case "$usemymalloc" in
[yY]*|true|$define) dflt='y' ;;
[nN]*|false|$undef) dflt='n' ;;
*)
 case "$ptrsize" in
 4) dflt='y' ;;
 *) dflt='n' ;;
 esac
 ;;
esac
rp="Do you wish to attempt to use the malloc that comes with $package?"
. ./myread
usemymalloc="$ans"
```

```
case "$ans" in
y*|true)
 usemymalloc='y'
 mallocsrc='malloc.c'
 mallocobj="malloc$_o"
 d_mymalloc="$define"
?X: Maybe libs.U should be dependent on mallocsrc.U, but then
?X: most packages that use dist probably don't supply their own
?X: malloc, so this is probably an o.k. comprpomise
 case "$libs" in
 *-lmalloc*)
  : Remove malloc from list of libraries to use
  echo "Removing unneeded -lmalloc from library list" >&4
  set `echo X $libs | $sed -e 's/-lmalloc / /' -e 's/-lmalloc$//'`
  shift
  libs="$*"
  echo "libs = $libs" >&4
  ;;
 esac
 ;;
*)
 usemymalloc='n'
 mallocsrc=''
 mallocobj=''
 d_mymalloc="$undef"
 ;;
esac

@end
@if
 MALLOCPTRTYPE || Malloc_t || Free_t
: compute the return types of malloc and free
echo " "
$cat >malloc.c <<END
#$i_malloc I_MALLOC
#$i_stdlib I_STDLIB
#include <stdio.h>
#include <sys/types.h>
#ifdef I_MALLOC
#include <malloc.h>
#endif
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#ifdef TRY_MALLOC
void *malloc();
#endif
#ifdef TRY_FREE
```

```
void free();
#endif
END
@if MALLOCPTRTYPE || Malloc_t
case "$malloctype" in
")
 if $cc $ccflags -c -DTRY_MALLOC malloc.c >/dev/null 2>&1; then
  malloctype='void *'
 else
  malloctype='char *'
 fi
 ;;
esac
echo "Your system wants malloc to return '$malloctype', it would seem." >&4
@end

@if Free_t
case "$freetype" in
")
 if $cc $ccflags -c -DTRY_FREE malloc.c >/dev/null 2>&1; then
  freetype='void'
 else
  freetype='int'
 fi
 ;;
esac
echo "Your system uses $freetype free(), it would seem." >&4
@end
$rm -f malloc.[co]
@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/mallocsrc.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setegid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_setegid.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:07  ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setegid: Inlibc
?MAKE: -pick add $@ %<
?S:d_setegid:
?S: This variable conditionally defines the HAS_SETEGID symbol, which
?S: indicates to the C program that the setegid() routine is available
?S: to change the effective gid of the current program.
?S:.
?C:HAS_SETEGID (SETEGID):
?C: This symbol, if defined, indicates that the setegid
 routine is available
?C: to change the effective gid of the current program.
?C:.
?H:#$d_setegid HAS_SETEGID  /**/
?H:.
?LINT:set d_setegid
: see if setegid exists
set setegid d_setegid
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setegid.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_gnulibc.U,v 3.0.1.1 1997/02/28 15:34:33 ram Exp $
?RCS:
?RCS: Copyright (c) 1996,1998 Andy Dougherty
?RCS: Copyright (c) 1996, Sven Verdoolaege
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_gnulibc.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  15:34:33  ram
?RCS: patch61: created
?RCS:
?MAKE:d_gnulibc gnulibc_version: Myread Oldconfig Setvar rm_try \
 cat Compile run
?MAKE: -pick add $@ %<
?S:d_gnulibc:
?S: Defined if we're dealing with the GNU C Library.
?S:.
```

```
?S:gnulibc_version:
?S: This variable contains the version number of the GNU C library.
?S: It is
 usually something like '2.2.5'.  It is a plain '' if this
?S: is not the GNU C library, or if the version is unknown.
?S:.
?C:HAS_GNULIBC:
?C: This symbol, if defined, indicates to the C program that
?C: the GNU C library is being used.  A better check is to use
?C: the __GLIBC__ and __GLIBC_MINOR__ symbols supplied with glibc.
?C:.
?H:#$d_gnulibc HAS_GNULIBC /**/
?H:?%<:#if defined(HAS_GNULIBC) && !defined(_GNU_SOURCE)
?H:?%<:#   define _GNU_SOURCE
?H:?%<:#endif
?H:.
?F:!glibc.ver !try
?LINT: set d_gnulibc
?X: gnulibc can be executed by calling __libc_main().
?X: Ulrich Drepper doesn't think any other libc does that,
?X: but we check if it says 'GNU C Library' to be sure.
?X:
?X: Alas, as of 3/1998 glibc 2.0.7 reportedly isn't going to
?X: have __libc_main() anymore. :-(.  Fortunately, all released
?X: versions of glibc 2.x.x _do_ have CPP variables.  For 2.0.6,
?X: they are:
?X: #define __GLIBC__  2
?X: #define__GLIBC_MINOR__ 0.
?X: (The '6' isn't available :-(.
?X: glibc2.1 will also
 have
?X:  extern const char * __gnu_get_libc_release(void);
?X:  extern const char * __gnu_get_libc_version(void);
?X: functions.   --thanks to Andreas Jaeger.   --AD  6/1998.
?X: Although the exact format isn't documented, __gnu_get_libc_version()
?X: returns a simple string '2.1.3' in glibc 2.1.3.
?X:
: Check if we are using the GNU C library
echo " "
echo "Checking for GNU C Library..." >&4
cat >try.c <<'EOCP'
/* Find out version of GNU C library.  __GLIBC__ and __GLIBC_MINOR__
  alone are insufficient to distinguish different versions, such as
  2.0.6 and 2.0.7.  The function gnu_get_libc_version() appeared in
  libc version 2.1.0.      A. Dougherty,  June 3, 2002.
*/
#include <stdio.h>
int main(void)
```

```
{
#ifdef __GLIBC__
#   ifdef __GLIBC_MINOR__
#       if __GLIBC__ >= 2 && __GLIBC_MINOR__ >= 1 && !defined(__cplusplus)
#           include <gnu/libc-version.h>
     printf("%s\n",  gnu_get_libc_version());
#       else
     printf("%d.%d\n",  __GLIBC__, __GLIBC_MINOR__);
#
   endif
#   else
 printf("%d\n",  __GLIBC__);
#   endif
   return 0;
#else
   return 1;
#endif
}
EOCP
set try
if eval $compile_ok && $run ./try > glibc.ver; then
 val="$define"
 gnulibc_version=`$cat glibc.ver`
 echo "You are using the GNU C Library version $gnulibc_version"
else
 val="$undef"
 gnulibc_version=''
 echo "You are not using the GNU C Library"
fi
$rm_try glibc.ver
set d_gnulibc
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_gnulibc.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_uwait.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
```

```
?RCS: $Log: d_uwait.U,v $
?RCS: Revision 3.0.1.1  1994/01/24  14:10:49  ram
?RCS: patch16: added knowledge about wait3()
?RCS: patch16: revised 'union wait' look-up algorithm
?RCS: patch16: fixed make dependency line accordingly
?RCS:
?RCS: Revision 3.0  1993/08/18  12:07:54  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_uwait d_uwait3: cat contains cppstdin cppminus +cppflags rm \
 Setvar Findhdr
?MAKE: -pick add $@ %<
?S:d_uwait:
?S: This symbol
 conditionally defines UNION_WAIT which indicates to the C
?S: program that argument for the wait() system call should be declared as
?S: 'union wait status' instead of 'int status'.
?S:.
?S:d_uwait3:
?S: This symbol conditionally defines UNION_WAIT3 which indicates to the C
?S: program that the first argument for the wait3() system call should be
?S: declared as 'union wait status' instead of 'int status'.
?S:.
?C:UNION_WAIT:
?C: This symbol if defined indicates to the C program that the argument
?C: for the wait() system call should be declared as 'union wait status'
?C: instead of 'int status'. You probably need to include <sys/wait.h>
?C: in the former case (see I_SYSWAIT).
?C:.
?C:UNION_WAIT3:
?C: This symbol if defined indicates to the C program that the first argument
?C: for the wait3() system call should be declared as 'union wait status'
?C: instead of 'int status'. You probably need to include <sys/wait.h>
?C: in the former case (see I_SYSWAIT). It seems safe to assume that
 the
?C: same rule applies to the second parameter of wait4().
?C:.
?H:#$d_uwait UNION_WAIT  /**/
?H:#$d_uwait3 UNION_WAIT3 /**/
?H:.
?T:val2 flags f also
?LINT:set d_uwait d_uwait3
: see if union wait is available
echo " "
?X:
?X: Unfortunately, we can't just grep <sys/wait.h> for "union wait" because
?X: some weird systems (did I hear HP-UX?) define union wait only when _BSD
?X: is defined. The same thing happens on OSF/1, who is pushing weirdness to
```

```
?X: its limits by requiring wait() to use (int *) but wait3() to use
?X: (union wait *), unless _BSD is defined and -lbsd is used, in which case
?X: wait() also expects (union wait *). Aaargh!!--RAM
?X:
set X $cppflags
shift
flags=''
also=''
for f in $*; do
 case "$f" in
 *NO_PROTO*) ;;
 *) flags="$flags $f";;
 esac
done
$cat `./findhdr sys/wait.h` /dev/null | \
 $cppstdin $flags $cppminus >wait.out 2>/dev/null
if $contains 'union.*wait.*{' wait.out >/dev/null 2>&1 ; then
 echo "Looks like your <sys/wait.h> knows about 'union wait'..."
 >&4
 val="$define"
@if UNION_WAIT
 also='also '
 if $contains 'extern.*wait[  ]*([  ]*int' wait.out >/dev/null 2>&1
 then
  echo "But wait() seems to expect an 'int' pointer (POSIX way)." >&4
  val="$undef"
  also=''
 elif $contains 'extern.*wait[  ]*([  ]*union' wait.out >/dev/null 2>&1
 then
  echo "And indeed wait() expects an 'union wait' pointer (BSD way)." >&4
 else
  echo "So we'll use that for wait()." >&4
 fi
@end
@if UNION_WAIT3 || d_uwait3
 val2="$define"
@end
@if UNION_WAIT3
 if $contains 'extern.*wait3[  ]*([  ]*int' wait.out >/dev/null 2>&1
 then
  echo "However wait3() seems to expect an 'int' pointer, weird." >&4
  val2="$undef"
 elif $contains 'extern.*wait3[  ]*([  ]*union' wait.out >/dev/null 2>&1
 then
  echo "And wait3() ${also}expects an 'union wait' pointer, fine." >&4
 else
  echo "As expected, wait3() ${also}uses an 'union wait' pointer." >&4
 fi
```

```
@end
else
 echo "No trace of 'union wait' in <sys/wait.h>..." >&4
 val="$undef"
@if UNION_WAIT && UNION_WAIT3
 echo
 "Both wait() and wait3() will use a plain 'int' pointer then." >&4
@elsif UNION_WAIT
 echo "Your wait() should be happy with a plain 'int' pointer." >&4
@elsif UNION_WAIT3
 echo "Your wait3() should be happy with a plain 'int' pointer." >&4
@end
fi
set d_uwait
eval $setvar
@if UNION_WAIT3 || d_uwait3
val="$val2"; set d_uwait3
eval $setvar
@end
$rm -f wait.out
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_uwait.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:uselongdouble: Myread Oldconfig Setvar cat test usemorebits
?MAKE: -pick add $@ %<
?Y:TOP
?S:uselongdouble:
?S: This variable conditionally defines the USE_LONG_DOUBLE symbol,
?S: and indicates that long doubles should be used when available.
?S:.
?C:USE_LONG_DOUBLE:
?C: This symbol, if defined, indicates that long doubles should
?C: be used when available.
?C:.
?H:?%<:#ifndef USE_LONG_DOUBLE
?H:?%<:#$uselongdouble USE_LONG_DOUBLE  /**/
?H:?%<:#endif
?H:.
```

```
?LINT:extern ccflags
?LINT:use usemorebits
?F:!uselongdouble.cbu
: Check for uselongdouble support
case "$ccflags" in
*-DUSE_LONG_DOUBLE*|*-DUSE_MORE_BITS*) uselongdouble="$define" ;;
esac

case "$uselongdouble" in
$define|true|[yY]*) dflt='y';;
*)
 dflt='n';;
esac
cat <<EOM

Perl can be built to take advantage of long doubles which
(if available) may give more accuracy and range for floating point numbers.

If this doesn't make any sense to you, just accept the default '$dflt'.
EOM
rp='Try to use long doubles if available?'
. ./myread
case "$ans" in
y|Y) val="$define" ;;
*)      val="$undef" ;;
esac
set uselongdouble
eval $setvar

case "$uselongdouble" in
true|[yY]*) uselongdouble="$define" ;;
esac

: Look for a hint-file generated 'call-back-unit'.  If the
: user has specified that long doubles should be used,
: we may need to set or change some other defaults.
if $test -f uselongdouble.cbu; then
   echo "Your platform has some specific hints regarding long doubles, using them..."
   . ./uselongdouble.cbu
else
   case "$uselongdouble" in
 $define)
  $cat <<EOM
(Your platform does not have any specific hints for long doubles.)
EOM
 ;;
   esac
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/uselongdbl.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: manfmt.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: manfmt.U,v $
?RCS: Revision 3.0.1.5  1997/02/28  16:11:57  ram
?RCS: patch61: don't ask for AFS when they choose to not install pages
?RCS:
?RCS: Revision 3.0.1.4  1995/09/25  09:16:52  ram
?RCS: patch59: unit is now forced to the top of Configure, if possible
?RCS:
?RCS: Revision 3.0.1.3  1995/01/30  14:39:20  ram
?RCS: patch49: new installmanfmt and AFS-lookup for formatted man pages
?RCS: patch49: can now handle installation prefix changes (from WED)
?RCS:
?RCS:
 Revision 3.0.1.2  1994/08/29  16:30:31  ram
?RCS: patch32: now uses installation prefix for default setting
?RCS:
?RCS: Revision 3.0.1.1  1993/09/13  16:09:22  ram
?RCS: patch10: allows for L1 man page extension (WAD)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:13  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:manfmt manfmtexp installmanfmt: Getfile Loc Oldconfig cat manext \
 spackage Prefixit prefixexp Prefixup afs test
?MAKE: -pick add $@ %<
?Y:TOP
?S:manfmt:
?S: This variable contains the name of the directory in which formatted
?S: manual pages are to be put.  It is the responsibility of the
?S: Makefile.SH to get the value of this into the proper command. Note
?S: that you may have to do ~name substitution. Use manfmtexp otherwise.
?S:.
?S:manfmtexp:
```

```
?S: This is the same as the manfmt variable, but is filename expanded
?S: at configuration time, for programs not willing to deal with it at
?S: run-time.
?S:.
?S:installmanfmt:
?S: This variable is really
 the same as manfmtexp, unless you are using
?S: AFS in which case it points to the read/write location whereas
?S: mansrcexp only points to the read-only access location. For extra
?S: portability, you should only use this variable within your makefiles.
?S:.
?LINT:change manext
?T:lookpath
: determine where manual pages go
set manfmt manfmt
eval $prefixit
$cat <<EOM

$spackage has pre-formatted manual pages.  If you don't want these installed,
answer 'none' to the next question.

EOM
case "$manfmt" in
")
 lookpath="$prefixexp/catman/man1 $prefixexp/man/cat1"
 lookpath="$lookpath $prefixexp/catman/u_man/man1"
 lookpath="$lookpath $prefixexp/catman/l_man/man1"
 lookpath="$lookpath $prefixexp/catman/cat1 /usr/catman/local/man1"
 lookpath="$lookpath /usr/catman/manl /usr/man/cat1"
 lookpath="$lookpath /usr/catman/mann /usr/catman/l_man/man1"
 lookpath="$lookpath /usr/catman/u_man/man1 /usr/catman/man1"
 dflt=`./loc . none $lookpath`
 set dflt
 eval $prefixup
 ;;
*)  dflt="$manfmt"
 ;;
esac
fn=dn~
rp='Where
 do pre-formatted manual pages go?'
. ./getfile
if test "X$manfmtexp" != "X$ansexp"; then
 installmanfmt=''
fi
manfmt="$ans"
manfmtexp="$ansexp"
if $afs && $test "$manfmt"; then
```

```
 $cat <<EOM

Since you are running AFS, I need to distinguish the directory in which
manual pages reside from the directory in which they are installed (and from
which they are presumably copied to the former directory by occult means).

EOM
 case "$installmanfmt" in
 ") dflt=`echo $manfmtexp | sed 's#^/afs/#/afs/.#'`;;
 *) dflt="$installmanfmt";;
 esac
 fn=de~
 rp='Where will pre-formatted man pages be installed?'
 . ./getfile
 installmanfmt="$ans"
else
 installmanfmt="$manfmtexp"
fi

case "$manfmt" in
") manext='0';;
*l) manext=l;;
*n) manext=n;;
*o) manext=l;;
*p) manext=n;;
*C) manext=C;;
*L) manext=L;;
*L1) manext=L1;;
*) manext=1;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/manfmt.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Loc.U,v $
?RCS: Revision 3.0.1.10  1997/02/28  15:04:16  ram
```

```
?RCS: patch61: allow users to specify paths on the command line
?RCS: patch61: will now substitute cp for ln if not supported
?RCS:
?RCS: Revision 3.0.1.9  1995/09/25  09:11:24  ram
?RCS: patch59: commented the purpose of the #un-def directive
?RCS: patch59: abort Configure run when mandatory command is missing
?RCS:
?RCS: Revision 3.0.1.8  1995/07/25  13:40:40  ram
?RCS: patch56: now knows about OS/2 platforms
?RCS:
?RCS: Revision 3.0.1.7
  1995/01/11  15:13:37  ram
?RCS: patch45: protected "sh -c" within backquotes for Linux and SGI
?RCS: patch45: added path lookup for the 'comm' program
?RCS:
?RCS: Revision 3.0.1.6  1994/10/29  15:56:14  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS: patch36: be careful and guard against wildcard searching (ADO)
?RCS:
?RCS: Revision 3.0.1.5  1994/06/20  06:54:55  ram
?RCS: patch30: now locates find
?RCS:
?RCS: Revision 3.0.1.4  1994/05/13  15:18:15  ram
?RCS: patch27: added byacc to the trylist (ADO)
?RCS: patch27: lint lines reformatted (ADO)
?RCS:
?RCS: Revision 3.0.1.3  1994/01/24  14:01:44  ram
?RCS: patch16: added metalint hint on changed PATH variable
?RCS:
?RCS: Revision 3.0.1.2  1993/12/15  08:16:52  ram
?RCS: patch15: now set _test variable when test is built-in
?RCS: patch15: fixed rare cases where echo is not needed
?RCS:
?RCS: Revision 3.0.1.1  1993/09/13  15:47:13  ram
?RCS: patch10: test program not always in /bin/test (WAD)
?RCS:
?RCS: Revision
 3.0  1993/08/18  12:05:05  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit produces a shell script "loc" which can be used to find out
?X: where in a list of directories something is.  It then uses loc to
?X: determine the location of commonly used programs.  It leaves loc sitting
?X: around for other Configure units to use, but arranges for its demise
?X: at the end of Configure.
?X:
?X: To add a new program to find, add it both to the ?MAKE: line and to either
```

```
?X: the loclist or trylist variable.
?X:
?X: I put startsh at the end of the dependency list, in order to avoid the
?X: loading of the spitshell unit before the instructions.
?X:
?MAKE:Loc awk ar bash bison byacc cat chgrp chmod chown \
 comm compress cp cpio cpp csh date echo egrep emacs expr find flex \
 gmake gzip grep inews ksh less line lint ln lp lpr ls mail mailx \
 make mkdir more mv nm nroff perl pg pmake pr rm rmail sed sendmail \
 shar sleep smail sort submit tail tar tbl tee test touch tr troff
 \
 uname uniq uuname vi zcat zip:  eunicefix n c startsh Instruct Warn
?MAKE: -pick weed $@ %<
?LINT:describe awk ar bash bison byacc cat chgrp chmod chown \
 comm compress cp cpio cpp csh date echo egrep emacs expr find flex \
 gmake gzip grep inews ksh less line lint ln lp lpr ls mail mailx \
 make mkdir more mv nm nroff perl pg pmake pr rm rmail sed sendmail \
 shar sleep smail sort submit tail tar tbl tee test touch tr troff \
 uname uniq uuname vi zcat zip
?V::pth loclist trylist
?F:./loc
?T:thisthing thing xxx dir file say DJGPP
?T:_test _grep _cp _gmake _egrep _ln _make dflt
?LINT: change PATH
: find out where common programs are
echo " "
echo "Locating common programs..." >&4
cat <<EOSC >loc
$startsh
case \$# in
0) exit 1;;
esac
thing=\$1
shift
dflt=\$1
shift
for dir in \$*; do
 case "\$thing" in
 .)
 if test -d \$dir/\$thing; then
  echo \$dir
  exit 0
 fi
 ;;
 *)
?X: Be careful in case thing includes wildcards that might expand to multiple
?X: files.  Choose the last one.
```

```
  This happens when searching for shared
?X: libraries with version numbers.  How to choose which one we want is
?X: probably an insoluble problem, in general.
?X: Some folks leave things like libc.so.orig around w/o read
?X: permission.  A -r test would handle that, but since ./loc is
?X: also used to find executables (which are installed w/o read
?X: permission on SCO ODT 3.0, we can't include the -r test.
 for thisthing in \$dir/\$thing; do
  : just loop through to pick last item
 done
 if test -f \$thisthing; then
  echo \$thisthing
  exit 0
 elif test -f \$thisthing$_exe; then
  echo \$thisthing
  exit 0
 elif test -f \$dir/\$thing.exe; then
  if test -n "$DJGPP"; then
   echo \$dir/\$thing.exe
  else
   : on Eunice apparently
   echo \$dir/\$thing
  fi
  exit 0
 fi
 ;;
 esac
done
echo \$dflt
exit 1
EOSC
chmod +x loc
$eunicefix loc
loclist="
?awk:awk
?cat:cat
?chgrp:chgrp
?chmod:chmod
?chown:chown
?comm:comm
?cp:cp
?echo:echo
?expr:expr
?find:find
?grep:grep
?ls:ls
?mkdir:mkdir
?mv:mv
```

```
?rm:rm
?sed:sed
?sleep:sleep
?sort:sort
?tail:tail
?touch:touch
?tr:tr
?uniq:uniq
"
trylist="
?Mcc:Mcc
?ar:ar
?bash:bash
?bison:bison
?byacc:byacc
?compress:compress
?cpio:cpio
?cpp:cpp
?csh:csh
?date:date
?egrep:egrep
?emacs:emacs
?flex:flex
?gmake:gmake
?gzip:gzip
?inews:inews
?ksh:ksh
?less:less
?line:line
?lint:lint
?ln:ln
?lp:lp
?lpr:lpr
?mail:mail
?mailx:mailx
?make:make
?more:more
?nm:nm
?nroff:nroff
?perl:perl
?pg:pg
?pmake:pmake
?pr:pr
?rmail:rmail
?sendmail:sendmail
?shar:shar
?smail:smail
?submit:submit
```

```
?tar:tar
?tbl:tbl
?tee:tee
?test:test
?troff:troff
?uname:uname
?uuname:uuname
?vi:vi
?zcat:zcat
?zip:zip
"
?LINT:set
 awk ar bash bison byacc cat chgrp chmod chown \
 comm compress cp cpio cpp csh date echo emacs expr find flex \
 gmake gzip grep inews ksh less line lint lp lpr ls mail mailx \
 mkdir more mv nm nroff perl pg pmake pr rm rmail sed sendmail \
 shar sleep smail sort submit tail tar tbl tee touch tr troff \
 uname uniq uuname vi zcat zip
pth=`echo $PATH | sed
 -e "s/$p_/ /g"`
pth="$pth /lib /usr/lib"
for file in $loclist; do
?X:
?X: Allow them to -Dmake=pmake on the command line for instance...
?X: If the file is not fully qualified, as in -Dmake=pmake, then we
?X: look the for the specified command (pmake here). If they say
?X: -Dmake=/sbin/make for instance, then we make sure the file
?X: exists, or we die...
?X:
 eval xxx=\$$file
 case "$xxx" in
 /*|?:[\\/]*)
  if test -f "$xxx"; then
   : ok
  else
   ./warn "no $xxx -- ignoring your setting for $file."
   xxx=`./loc $file $file $pth`
  fi
  ;;
 ") xxx=`./loc $file $file $pth`;;
 *) xxx=`./loc $xxx $xxx $pth`;;
 esac
 eval $file=$xxx$_exe
 eval _$file=$xxx
 case "$xxx" in
 /*)
  echo $file is in $xxx.
  ;;
```

```
?X: Under OS/2, we have PC-like paths
 ?:[\\/]*)
  echo $file is in $xxx.
  ;;
 *)
  echo "I don't know where '$file' is, and my life depends on it." >&4
  echo "Go find a public domain implementation or fix your PATH setting!" >&4
  exit 1
  ;;
 esac
done
echo " "
echo "Don't worry
 if any of the following aren't found..."
say=offhand
for file in $trylist; do
?X: Allow them to -Dmake=pmake on the command line for instance (see above)
 eval xxx=\$$file
 case "$xxx" in
 /*|?:[\\/]*)
  if test -f "$xxx"; then
   : ok
  else
   ./warn "no $xxx -- ignoring your setting for $file."
   xxx=`./loc $file $file $pth`
  fi
  ;;
 ") xxx=`./loc $file $file $pth`;;
 *) xxx=`./loc $xxx $xxx $pth`;;
 esac
 eval $file=$xxx$_exe
 eval _$file=$xxx
 case "$xxx" in
 /*)
  echo $file is in $xxx.
  ;;
?X: Under OS/2, we have PC-like paths
 ?:[\\/]*)
  echo $file is in $xxx.
  ;;
 *)
  echo "I don't see $file out there, $say."
  say=either
  ;;
 esac
done
case "$egrep" in
egrep)
```

```
 echo "Substituting grep for egrep."
 egrep=$grep
 _egrep=$_grep
 ;;
esac
@if ln
case "$ln" in
ln)
 echo "Substituting cp for ln."
 ln=$cp
 _ln=$_cp
 ;;
esac
@end
@if make || gmake
case "$make" in
make)
 case "$gmake" in
 gmake)
 echo "I can't find make or gmake, and my life depends on it." >&4
 echo "Go find a
 public domain implementation or fix your PATH setting!" >&4
 exit 1
 ;;
 esac
 ;;
esac
case "$gmake" in
gmake) ;;
*) # We can't have osname yet.
 if test -f "/system/gnu_library/bin/ar.pm"; then # Stratus VOS
  # Assume that gmake, if found, is definitely GNU make
  # and prefer it over the system make.
  echo "Substituting gmake for make."
  make=$gmake
  _make=$_gmake
 fi
 ;;
esac
@end
case "$test" in
test)
 echo "Hopefully test is built into your sh."
 ;;
*)
 if `sh -c "PATH= test true" >/dev/null 2>&1`; then
  echo "Using the test built into your sh."
?X:
```

```
?X: We need to set both test and _test, since Oldconfig.U will use the _test
?X: value to systematically restore computed paths, which may be wrong if
?X: we choose to load an old config.sh generated on another platform.
?X:
  test=test
  _test=test
 fi
 ;;
esac
?LINT:change n c
case "$echo" in
echo)
 echo "Hopefully echo is built into your sh."
 ;;
?X: For those rare cases where we don't need $echo...
") ;;
*)
 echo " "
echo "Checking
 compatibility between $echo and builtin echo (if any)..." >&4
 $echo $n "hi there$c" >foo1
 echo $n "hi there$c" >foo2
 if cmp foo1 foo2 >/dev/null 2>&1; then
  echo "They are compatible.  In fact, they may be identical."
 else
  case "$n" in
  '-n') n=" c='\c';;
  *) n='-n' c=";;
  esac
  cat <<FOO
They are not compatible!  You are probably running ksh on a non-USG system.
I'll have to use $echo instead of the builtin, since Bourne shell doesn't
have echo built in and we may have to run some Bourne shell scripts.  That
means I'll have to use '$n$c' to suppress newlines now.  Life is ridiculous.

FOO
  $echo $n "The star should be here-->$c"
  $echo "*"
 fi
 $rm -f foo1 foo2
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Loc.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: myhostname.U,v $
?RCS: Revision 3.0.1.3  1997/02/28  16:15:55  ram
?RCS: patch61: improved hostname lookup by using ypmatch when NIS is used
?RCS:
?RCS: Revision 3.0.1.2  1994/10/29  16:25:43  ram
?RCS: patch36: call ./xenix explicitly instead of relying on PATH
?RCS: patch36: now uses new Tr unit to convert to/from lowercase
?RCS:
?RCS: Revision 3.0.1.1  1994/06/20  07:06:20  ram
?RCS: patch30: now a little more clever for domain name guessing
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:18  ram
?RCS:
 Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:myhostname phostname mydomain: contains sed test Myread Oldconfig \
 Guess Loc awk echo sort uniq +usrinc rm hostcat Tr osname
?MAKE: -pick add $@ %<
?S:myhostname (hostname):
?S: This variable contains the eventual value of the MYHOSTNAME symbol,
?S: which is the name of the host the program is going to run on.
?S: The domain is not kept with hostname, but must be gotten from mydomain.
?S: The dot comes with mydomain, and need not be supplied by the program.
?S:.
?S:mydomain:
?S: This variable contains the eventual value of the MYDOMAIN symbol,
?S: which is the domain of the host the program is going to run on.
?S: The domain must be appended to myhostname to form a complete host name.
?S: The dot comes with mydomain, and need not be supplied by the program.
?S:.
?S:phostname:
?S: This variable contains the eventual value of the PHOSTNAME symbol,
?S: which is a command that can be fed to popen() to get the host name.
?S: The program
 should probably not presume that the domain is or isn't
?S: there already.
?S:.
?C:MYHOSTNAME (HOSTNAME):
```

```
?C: This symbol contains name of the host the program is going to run on.
?C: The domain is not kept with hostname, but must be gotten from MYDOMAIN.
?C: The dot comes with MYDOMAIN, and need not be supplied by the program.
?C: If gethostname() or uname() exist, MYHOSTNAME may be ignored. If MYDOMAIN
?C: is not used, MYHOSTNAME will hold the name derived from PHOSTNAME.
?C:.
?C:MYDOMAIN:
?C: This symbol contains the domain of the host the program is going to
?C: run on.  The domain must be appended to HOSTNAME to form a complete
?C: host name.  The dot comes with MYDOMAIN, and need not be supplied by
?C: the program.  If the host name is derived from PHOSTNAME, the domain
?C: may or may not already be there, and the program should check.
?C:.
?H:#define MYHOSTNAME "$myhostname"  /**/
?H:#define MYDOMAIN "$mydomain"  /**/
?H:.
?T:cont i tans tmp_re file
: now get the host name
echo
 " "
echo "Figuring out host name..." >&4
case "$myhostname" in
") cont=true
 echo 'Maybe "hostname" will work...'
 if tans=`sh -c hostname 2>&1` ; then
  myhostname=$tans
  phostname=hostname
  cont=''
 fi
 ;;
*) cont='';;
esac
if $test "$cont"; then
 if ./xenix; then
  echo 'Oh, dear.  Maybe "/etc/systemid" is the key...'
  if tans=`cat /etc/systemid 2>&1` ; then
   myhostname=$tans
   phostname='cat /etc/systemid'
   echo "Whadyaknow.  Xenix always was a bit strange..."
   cont=''
  fi
 elif $test -r /etc/systemid; then
  echo "(What is a non-Xenix system doing with /etc/systemid?)"
 fi
fi
if $test "$cont"; then
 echo 'No, maybe "uuname -l" will work...'
 if tans=`sh -c 'uuname -l' 2>&1` ; then
```

```
  myhostname=$tans
  phostname='uuname -l'
 else
  echo 'Strange.  Maybe "uname -n" will work...'
  if tans=`sh -c 'uname -n' 2>&1` ; then
   myhostname=$tans
   phostname='uname -n'
  else
   echo 'Oh well, maybe I can mine it out of whoami.h...'
   if tans=`sh -c $contains' sysname $usrinc/whoami.h'
 2>&1` ; then
    myhostname=`echo "$tans" | $sed 's/^.*"\(.*\)"/\1/'`
    phostname="sed -n -e ""/sysname/s/^.*\"\\(.*\\)\"/\1/{"" -e p -e q -e '}' <$usrinc/whoami.h"
   else
    case "$myhostname" in
    ") echo "Does this machine have an identity crisis or something?"
     phostname=";;
    *)
     echo "Well, you said $myhostname before..."
     phostname='echo $myhostname';;
    esac
   fi
  fi
 fi
fi
case "$myhostname" in
") myhostname=noname ;;
esac
: you do not want to know about this
set $myhostname
myhostname=$1

: verify guess
if $test "$myhostname" ; then
 dflt=y
 rp='Your host name appears to be "'$myhostname'".' Right?"
 . ./myread
 case "$ans" in
 y*) ;;
 *) myhostname=";;
 esac
fi

: bad guess or no guess
while $test "X$myhostname" = X ; do
 dflt="
 rp="Please type the (one word) name of your host:"
 . ./myread
```

```
 myhostname="$ans"
done

: translate upper to lower if necessary
case "$myhostname" in
*[A-Z]*)
 echo "(Normalizing case in your host name)"
 myhostname=`echo
 $myhostname | ./tr '[A-Z]' '[a-z]'`
 ;;
esac

?X: Do not ask for domain name if this is not used later on. In that
?X: case, the hostname may keep its domain name, but it doesn't matter.
@if MYDOMAIN || mydomain
case "$myhostname" in
*.*)
 dflt=`expr "X$myhostname" : "X[^.]*\(\..*\)"`
 myhostname=`expr "X$myhostname" : "X\([^.]*\)\."`
 echo "(Trimming domain name from host name--host name is now $myhostname)"
 ;;
*) case "$mydomain" in
 ")
?X:
?X: There is currently no way to say we do not want hostcat if mydomain is not
?X: used. One way to achieve that would be to put that code in a mydomain.U
?X: unit. However, we want to stick the sanity checks right after the domain
?X: name computation, or if none is done, right after the hostname computation.
?X:
  {
?X: If we use NIS, try ypmatch.
   test "X$hostcat" = "Xypcat hosts" &&
   ypmatch "$myhostname" hosts 2>/dev/null |\
    $sed -e 's/[  ]*#.*//; s/$/ /' > hosts && \
   $test -s hosts
  } || {
?X: Extract only
 the relevant hosts, reducing file size,
?X: remove comments, insert trailing space for later use.
        $hostcat | $sed -n -e "s/[  ]*#.*//; s/\$/ /
     /[  ]$myhostname[ . ]/p" > hosts
  }
  tmp_re="[ . ]"
  $test x`$awk "/[0-9].*[  ]$myhostname$tmp_re/ { sum++ }
        END { print sum }" hosts` = x1 || tmp_re="[  ]"
  dflt=.`$awk \
  "/[0-9].*[  ]$myhostname$tmp_re/ {for(i=2; i<=NF;i++) print \\\$i}" \
   hosts | $sort | $uniq | \
```

```
  $sed -n -e "s/$myhostname\.\([-a-zA-Z0-9_.]\)/\1/p"`
 case `$echo X$dflt` in
 X*\ *) echo "(Several hosts in /etc/hosts matched hostname)"
  dflt=.
  ;;
?X: There is no /etc/hosts on os390
 X.)
  if $test -f /etc/hosts; then
   echo "(You do not have fully-qualified names in /etc/hosts)"
  else
   echo "(I cannot locate a hosts database anywhere)"
  fi
  ;;
 esac
 case "$dflt" in
 .)
  tans=`./loc resolv.conf X /etc /usr/etc`
  if $test -f "$tans"; then
   echo "(Attempting domain name extraction from $tans)"
?X: Look for either a search
 or a domain directive.
   dflt=.`$sed -n -e 's/ / /g' \
     -e 's/^search  *\([^ ]*\).*/\1/p' $tans \
     | ./tr '[A-Z]' '[a-z]' 2>/dev/null`
   case "$dflt" in
   .) dflt=.`$sed -n -e 's/ / /g' \
        -e 's/^domain  *\([^ ]*\).*/\1/p' $tans \
        | ./tr '[A-Z]' '[a-z]' 2>/dev/null`
     ;;
   esac
  fi
  ;;
 esac
 case "$dflt" in
 .) echo "(No help from resolv.conf either -- attempting clever guess)"
  dflt=.`sh -c domainname 2>/dev/null`
  case "$dflt" in
  ") dflt='.';;
  .nis.*|.yp.*|.main.*) dflt=`echo $dflt | $sed -e 's/^\.[^.]*//'`;;
  esac
  ;;
 esac
 case "$dflt$osname" in
 .os390)
  file="//'SYS1.TCPPARMS(TCPDATA)'"
  echo "(Attempting domain name extraction from $file)"
  dflt=.`awk '/^DOMAINORIGIN/ {print $2}' "$file" 2>/dev/null`
  ;;
```

```
   esac
  case "$dflt" in
  .) echo "(Lost all hope -- silly guess then)"
   dflt='.nonet'
   ;;
  esac
  $rm -f hosts
  ;;
 *) dflt="$mydomain";;
 esac;;
esac
echo " "
rp="What is your domain name?"
.
 ./myread
tans="$ans"
case "$ans" in
") ;;
.*) ;;
*) tans=".$tans";;
esac
mydomain="$tans"

: translate upper to lower if necessary
case "$mydomain" in
*[A-Z]*)
 echo "(Normalizing case in your domain name)"
 mydomain=`echo $mydomain | ./tr '[A-Z]' '[a-z]'`
 ;;
esac

@end
: a little sanity check here
case "$phostname" in
") ;;
*)
 case `$phostname | ./tr '[A-Z]' '[a-z]'` in
 $myhostname$mydomain|$myhostname) ;;
 *)
  case "$phostname" in
  sed*)
   echo "(That doesn't agree with your whoami.h file, by the way.)"
   ;;
  *)
   echo "(That doesn't agree with your $phostname command, by the way.)"
   ;;
  esac
 ;;
```

```
 esac
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/myhostname.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_vprintf.U,v 3.0 1993/08/18 12:07:59 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_vprintf.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:59  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_vprintf d_charvspr: Compile Guess cat Csym Setvar run rm_try \
 i_stdlib i_unistd i_stdarg i_varargs
?MAKE: -pick add $@ %<
?S:d_vprintf:
?S: This variable conditionally defines the HAS_VPRINTF symbol, which
?S: indicates to the C program that the vprintf() routine is available
?S: to printf with a pointer to an argument list.
?S:.
?S:d_charvspr:
?S: This
 variable conditionally defines CHARVSPRINTF if this system
?S: has vsprintf returning type (char*).  The trend seems to be to
?S: declare it as "int vsprintf()".
?S:.
?C:HAS_VPRINTF (VPRINTF):
?C: This symbol, if defined, indicates that the vprintf routine is available
?C: to printf with a pointer to an argument list.  If unavailable, you
?C: may need to write your own, probably in terms of _doprnt().
?C:.
?C:USE_CHAR_VSPRINTF (CHARVSPRINTF):
?C: This symbol is defined if this system has vsprintf() returning type
?C: (char*).  The trend seems to be to declare it as "int vsprintf()".  It
?C: is up to the package author to declare vsprintf correctly based on the
?C: symbol.
?C:.
```

```
?H:#$d_vprintf HAS_VPRINTF /**/
?H:#$d_charvspr USE_CHAR_VSPRINTF /**/
?H:.
?T:val2
?F:!try
?LINT:set d_vprintf d_charvspr
: see if vprintf exists
echo " "
if set vprintf val -f d_vprintf; eval $csym; $val; then
 echo 'vprintf() found.' >&4
 val="$define"
 $cat >try.c <<EOF
#$i_stdarg I_STDARG  /*
 Only one of these can be defined by i_varhrd */
#$i_varargs I_VARARGS

#$i_stdlib I_STDLIB
#$i_unistd I_UNISTD

#ifdef I_STDARG
#  include <stdarg.h>
#else /* I_VARARGS */
#  include <varargs.h>
#endif

#ifdef I_UNISTD
#  include <unistd.h>
#endif

#ifdef I_STDLIB
#  include <stdlib.h>
#endif

#include <stdio.h> /* vsprintf prototype */

#ifdef I_STDARG
void xxx(int n, ...)
{
   va_list args;
   char buf[10];
   va_start(args, n);
   exit((unsigned long)vsprintf(buf,"%s",args) > 10L);
}
int main() { xxx(1, "foo"); }

#else /* I_VARARGS */

xxx(va_alist)
```

```
va_dcl
{
   va_list args;
   char buf[10];
   va_start(args);
   exit((unsigned long)vsprintf(buf,"%s",args) > 10L);
}
int main() { xxx("foo"); }

#endif

EOF
 set try
 if eval $compile_ok; then
  if $run ./try; then
   echo "Your vsprintf() returns (int)." >&4
   val2="$undef"
  else
   echo "Your vsprintf() returns (char*)." >&4
   val2="$define"
  fi
 else
  echo 'I am unable to compile the vsprintf() test program.' >&4
  #
 We shouldn't get here.  If we do, assume the standard signature,
  # not the old BSD one.
  echo 'Guessing that vsprintf() returns (int).' >&4
  val2="$undef"
 fi
else
 echo 'vprintf() NOT found.' >&4
 val="$undef"
 val2="$undef"
fi
$rm_try
set d_vprintf
eval $setvar
val=$val2
set d_charvspr
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_vprintf.U
No license file was found, but licenses were detected in source scan.

?RCS: Id
?RCS:

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_strftime.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:36  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_strftime: Inlibc
?MAKE: -pick add $@ %<
?S:d_strftime:
?S: This variable conditionally defines HAS_STRFTIME if strftime() is
?S: available to format locale-specific times.
?S:.
?C:HAS_STRFTIME:
?C: This symbol, if defined, indicates that the strftime routine is
?C: available to format locale-specific times.
?C:.
?H:#$d_strftime HAS_STRFTIME /**/
?H:.
?LINT:set d_strftime
: see
 if strftime exists
set strftime d_strftime
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strftime.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_euc2jis.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_euc2jis.U,v $
?RCS: Revision 3.0  1993/08/18  12:05:58  ram
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
?MAKE:d_euc2jis: Inlibc
?MAKE: -pick add $@ %<
?S:d_euc2jis:
?S: This variable conditionally defines the HAS_EUC2JIS symbol, which
?S: indicates to the C program that the euc2jis() routine is available
?S: to convert EUC to JIS.
?S:.
?C:HAS_EUC2JIS:
?C: This symbol, if defined, indicates that the euc2jis routine is
?C: available to convert
 EUC to JIS.
?C:.
?H:#$d_euc2jis HAS_EUC2JIS  /**/
?H:.
?LINT:set d_euc2jis
: see if euc2jis exists
set euc2jis d_euc2jis
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_euc2jis.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_sigsetjmp.U,v 3.0.1.1 1997/02/28 15:44:33 ram Exp $
?RCS:
?RCS: Copyright (c) 1996,1998 Andy Dougherty
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?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: d_sigsetjmp.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  15:44:33  ram
?RCS: patch61: created
?RCS:
?MAKE:d_sigsetjmp: Compile Setvar cat rm_try run i_stdlib
?MAKE: -pick add $@ %<
?S:d_sigsetjmp:
?S: This variable conditionally defines the HAS_SIGSETJMP symbol,
?S: which
```

```
 indicates that the sigsetjmp() routine is available to
?S: call setjmp() and optionally save the process's signal mask.
?S:.
?C:HAS_SIGSETJMP:
?C: This variable indicates to the C program that the sigsetjmp()
?C: routine is available to save the calling process's registers
?C: and stack environment for later use by siglongjmp(), and
?C: to optionally save the process's signal mask.  See
?C: Sigjmp_buf, Sigsetjmp, and Siglongjmp.
?C:.
?C:Sigjmp_buf:
?C: This is the buffer type to be used with Sigsetjmp and Siglongjmp.
?C:.
?C:Sigsetjmp:
?C: This macro is used in the same way as sigsetjmp(), but will invoke
?C: traditional setjmp() if sigsetjmp isn't available.
?C: See HAS_SIGSETJMP.
?C:.
?C:Siglongjmp:
?C: This macro is used in the same way as siglongjmp(), but will invoke
?C: traditional longjmp() if siglongjmp isn't available.
?C: See HAS_SIGSETJMP.
?C:.
?H:?%<:#$d_sigsetjmp HAS_SIGSETJMP /**/
?H:?%<:#ifdef HAS_SIGSETJMP
?H:?%<:#define Sigjmp_buf sigjmp_buf
?H:?%<:#define Sigsetjmp(buf,save_mask)
 sigsetjmp((buf),(save_mask))
?H:?%<:#define Siglongjmp(buf,retval) siglongjmp((buf),(retval))
?H:?%<:#else
?H:?%<:#define Sigjmp_buf jmp_buf
?H:?%<:#define Sigsetjmp(buf,save_mask) setjmp((buf))
?H:?%<:#define Siglongjmp(buf,retval) longjmp((buf),(retval))
?H:?%<:#endif
?H:.
?W:%<:Sigjmp_buf Sigsetjmp Siglongjmp
?F:!try
?LINT:set d_sigsetjmp
: see if sigsetjmp exists
?X: We can't check for these symbols with Inlibc because sigsetjmp
?X: is (sometimes? always?) a macro under GCC
echo " "
case "$d_sigsetjmp" in
")
 $cat >try.c <<EOP
#include <setjmp.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
```

```
#include <stdlib.h>
#endif
sigjmp_buf env;
int set = 1;
int main()
{
 if (sigsetjmp(env,1))
  exit(set);
 set = 0;
 siglongjmp(env, 1);
 exit(1);
}
EOP
 set try
 if eval $compile; then
  if $run ./try >/dev/null 2>&1; then
   echo "POSIX sigsetjmp found." >&4
   val="$define"
  else
   $cat >&4 <<EOM
Uh-Oh! You have POSIX sigsetjmp and siglongjmp, but they do not work properly!!
I'll
 ignore them.
EOM
   val="$undef"
  fi
 else
  echo "sigsetjmp not found." >&4
  val="$undef"
 fi
 ;;
*) val="$d_sigsetjmp"
 case "$d_sigsetjmp" in
 $define) echo "POSIX sigsetjmp found." >&4;;
 $undef) echo "sigsetjmp not found." >&4;;
 esac
 ;;
esac
set d_sigsetjmp
eval $setvar
$rm_try
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_sigsetjmp.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: d_strerror.U,v 3.0.1.3 1994/05/13 15:20:27 ram Exp $

```
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_strerror.U,v $
?RCS: Revision 3.0.1.3  1994/05/13  15:20:27  ram
?RCS: patch27: now uses new macro support for cleaner Strerror def
?RCS:
?RCS: Revision 3.0.1.2  1994/05/06  14:58:26  ram
?RCS: patch23: renamed strerror into Strerror to protect name space (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/01/24  14:08:56  ram
?RCS: patch16: protected code looking for sys_errnolist[] with @if
?RCS: patch16: added default value for d_sysernlst
?RCS:
?RCS: Revision
 3.0  1993/08/18  12:07:35  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_syserrlst d_sysernlst: Csym Findhdr
?MAKE: -pick add $@ %<
?S:d_syserrlst:
?S: This variable conditionally defines HAS_SYS_ERRLIST if sys_errlist[] is
?S: available to translate error numbers to strings.
?S:.
?S:d_sysernlst:
?S: This variable conditionally defines HAS_SYS_ERRNOLIST if sys_errnolist[]
?S: is available to translate error numbers to the symbolic name.
?S:.
?C:HAS_SYS_ERRLIST (SYSERRLIST):
?C: This symbol, if defined, indicates that the sys_errlist array is
?C: available to translate error numbers to strings. The extern int
?C: sys_nerr gives the size of that table.
?C:.
?C:HAS_SYS_ERRNOLIST (SYSERRNOLIST):
?C: This symbol, if defined, indicates that the sys_errnolist array is
?C: available to translate an errno code into its symbolic name (e.g.
?C: ENOENT). The extern int sys_nerrno gives the size of that table.
?C:.
?H:#$d_syserrlst HAS_SYS_ERRLIST /**/
?H:#$d_sysernlst HAS_SYS_ERRNOLIST /**/
?H:.
?D:d_sysernlst="
```

```
?T:val
:
 see if sys_errlist[] exists
echo " "
if test "X$d_syserrlst" = X; then
 if set sys_errlist val -a d_syserrlst; eval $csym; $val; then
  echo "You have sys_errlist[], so we could roll our own strerror."
  d_syserrlst="$define"
 else
  echo "You don't have sys_errlist[], so strerror() is welcome."
  d_syserrlst="$undef"
 fi
fi
@if d_sysernlst || HAS_SYS_ERRNOLIST
if set sys_errnolist val -a d_sysernlst; eval $csym; $val; then
 echo "(Symbolic error codes can be fetched via the sys_errnolist[] array.)"
 d_sysernlst="$define"
else
 echo "(However, I can't extract the symbolic error code out of errno.)"
 d_sysernlst="$undef"
fi
@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_strerror.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: AAAAA.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: AAAAA.U,v $
?RCS: Revision 3.0.1.4  1994/06/20  06:50:26  ram
?RCS: patch30: changes from Jarkko Hietaniemi are tagged with JHI
?RCS:
?RCS: Revision 3.0.1.3  1994/05/06  14:01:39  ram
?RCS: patch23: initials for Wayne Davison are now WED
?RCS: patch23: added initials for new unit contributor Andy Dougherty
?RCS:
?RCS: Revision 3.0.1.2  1994/01/24  14:01:09  ram
?RCS: patch16: make metalint shut up on special unit definition for All target
```

```
?RCS:
?RCS: Revision
 3.0.1.1  1993/09/13  15:43:57  ram
?RCS: patch10: documents initials used for Wayne Davison's contributions
?RCS:
?RCS: Revision 3.0  1993/08/18  12:04:44  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: The purpose of this file is to supply the head of the Makefile created
?X: by metaconfig.  For this reason it must be first in alphabetical order.
?X: The leading '+' in front of the unit name is a hint for metalint, since
?X: the use of that special unit name as a "made" unit is legitimate here.
?X:
?MAKE:+All: Finish
?X:
?X: Throughout the units, the following initials are used to identify comments:
?X:
?X:  HMS: Harlan Stenn
?X:  RAM: Raphael Manfredi
?X:  WED: Wayne Davison (was WAD by mistake--RAM)
?X:  ADO: Andy Dougherty
?X:  JHI: Jarkko Hietaniemi
?X:
?X: Agreed, this is a weird place to document it, but I couldn't find a better
?X: place to do so. I've bet on the curiosity of users, who would probably
?X: want to know what's in this strangely-named file--RAM.
```

Found
 in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/AAAAA.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setruid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_setruid.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:15  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
```

```
?MAKE:d_setruid: Inlibc
?MAKE: -pick add $@ %<
?S:d_setruid:
?S: This variable conditionally defines the HAS_SETRUID symbol, which
?S: indicates to the C program that the setruid() routine is available
?S: to change the real uid of the current program.
?S:.
?C:HAS_SETRUID (SETRUID):
?C: This symbol, if defined, indicates that the setruid
 routine is available
?C: to change the real uid of the current program.
?C:.
?H:#$d_setruid HAS_SETRUID  /**/
?H:.
?LINT:set d_setruid
: see if setruid exists
set setruid d_setruid
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setruid.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_shadow.U,v $
?RCS:
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_shadow: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_shadow:
?S: This variable conditionally defines the I_SHADOW symbol, and indicates
?S: whether a C program should include <shadow.h>.
?S:.
?C:I_SHADOW:
?C: This symbol, if defined, indicates that <shadow.h> exists and
?C: should be included.
?C:.
?H:#$i_shadow I_SHADOW  /**/
?H:.
?LINT:set i_shadow
: see if this is a shadow.h system
set shadow.h i_shadow
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_shadow.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_msgrcv.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_msgrcv.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:40  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_msgrcv: Inlibc
?MAKE: -pick add $@ %<
?S:d_msgrcv:
?S: This variable conditionally defines the HAS_MSGRCV symbol, which
?S: indicates to the C program that the msgrcv() routine is available.
?S:.
?C:HAS_MSGRCV:
?C: This symbol, if defined, indicates that the msgrcv() routine is
?C: available to extract a message from the message queue.
?C:.
?H:#$d_msgrcv
 HAS_MSGRCV  /**/
?H:.
?LINT:set d_msgrcv
: see if msgrcv exists
set msgrcv d_msgrcv
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_msgrcv.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_newlocale d_freelocale d_uselocale d_duplocale d_querylocale i_xlocale: Inlibc Inhdr
?MAKE: -pick add $@ %<
?S:d_newlocale:
```

?S: This variable conditionally defines the HAS_NEWLOCALE symbol, which
?S: indicates to the C program that the newlocale() routine is available
?S: to return a new locale object or modify an existing locale object.
?S:.
?S:d_freelocale:
?S: This variable conditionally defines the HAS_FREELOCALE symbol, which
?S: indicates to the C program that the freelocale() routine is available
?S: to deallocates the resources associated with a locale object.
?S:.
?S:d_uselocale:
?S: This variable conditionally defines the HAS_USELOCALE symbol, which
?S: indicates to the C program that the uselocale() routine is available
?S: to set the current locale
 for the calling thread.
?S:.
?S:d_duplocale:
?S: This variable conditionally defines the HAS_DUPLOCALE symbol, which
?S: indicates to the C program that the duplocale() routine is available
?S: to duplicate a locale object.
?S:.
?S:d_querylocale:
?S: This variable conditionally defines the HAS_QUERYLOCALE symbol, which
?S: indicates to the C program that the querylocale() routine is available
?S: to return the name of the locale for a category mask.
?S:.
?S:i_xlocale:
?S: This symbol, if defined, indicates to the C program that it should
?S: include <xlocale.h> to get uselocale() and its friends
?S:.
?C:HAS_NEWLOCALE:
?C: This symbol, if defined, indicates that the newlocale routine is
?C: available to return a new locale object or modify an existing
?C: locale object.
?C:.
?C:HAS_FREELOCALE:
?C: This symbol, if defined, indicates that the freelocale routine is
?C: available to deallocates the resources associated with a locale object.
?C:.
?C:HAS_USELOCALE:
?C: This symbol, if defined,
 indicates that the uselocale routine is
?C: available to set the current locale for the calling thread.
?C:.
?C:HAS_DUPLOCALE:
?C: This symbol, if defined, indicates that the duplocale routine is
?C: available to duplicate a locale object.
?C:.
?C:HAS_QUERYLOCALE:

```
?C: This symbol, if defined, indicates that the querylocale routine is
?C: available to return the name of the locale for a category mask.
?C:.
?C:I_XLOCALE:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <xlocale.h> to get uselocale() and its friends.
?C:.
?H:#$d_newlocale HAS_NEWLOCALE /**/
?H:#$d_freelocale HAS_FREELOCALE /**/
?H:#$d_uselocale HAS_USELOCALE /**/
?H:#$d_duplocale HAS_DUPLOCALE /**/
?H:#$d_querylocale HAS_QUERYLOCALE /**/
?H:#$i_xlocale I_XLOCALE              /**/
?H:.
?LINT:set i_xlocale
?LINT:set d_newlocale
?LINT:set d_freelocale
?LINT:set d_uselocale
?LINT:set d_duplocale
?LINT:set d_querylocale
: see if this is an xlocale.h system
set xlocale.h i_xlocale
eval $inhdr

:
 see if newlocale exists
set newlocale d_newlocale
eval $inlibc

: see if freelocale exists
set freelocale d_freelocale
eval $inlibc

: see if uselocale exists
set uselocale d_uselocale
eval $inlibc

: see if duplocale exists
set duplocale d_duplocale
eval $inlibc

: see if querylocale exists
set querylocale d_querylocale
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_newlocale.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_shmctl.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_shmctl.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:18  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_shmctl: Inlibc
?MAKE: -pick add $@ %<
?S:d_shmctl:
?S: This variable conditionally defines the HAS_SHMCTL symbol, which
?S: indicates to the C program that the shmctl() routine is available.
?S:.
?C:HAS_SHMCTL:
?C: This symbol, if defined, indicates that the shmctl() routine is
?C: available to perform shared memory control operations.
?C:.
?H:#$d_shmctl
 HAS_SHMCTL  /**/
?H:.
?LINT:set d_shmctl
: see if shmctl exists
set shmctl d_shmctl
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_shmctl.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_sigvec.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
?RCS: $Log: d_sigvec.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  15:45:37  ram
?RCS: patch61: there is now a separate routine for sigaction()
?RCS:
?RCS: Revision 3.0  1993/08/18  12:07:24  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X: d_sigvec.U, from d_ftime.U 1.0
?X:
?MAKE:d_sigvec d_sigvectr d_sigintrp: Csym Inlibc Setvar
?MAKE: -pick add $@ %<
?S:d_sigvec:
?S: This variable conditionally defines the HAS_SIGVEC symbol, which indicates
?S: that BSD
 reliable signals are supported.
?S:.
?S:d_sigvectr:
?S: This variable conditionally defines the HAS_SIGVECTOR symbol, which
?S: indicates that the sigvec() routine is called sigvector() instead, for
?S: reasons known only to Hewlett-Packard.
?S:.
?S:d_sigintrp:
?S: This variable conditionally defines the HAS_SIGINTRP symbol, which
?S: indicates that the siginterrupt() routine is available.
?S:.
?C:HAS_SIGVEC (SIGVEC):
?C: This symbol, if defined, indicates that BSD reliable signals are
?C: supported.
?C:.
?C:HAS_SIGVECTOR (SIGVECTOR):
?C: This symbol, if defined, indicates that the sigvec() routine is called
?C: sigvector() instead, and that sigspace() is provided instead of
?C: sigstack().  This is probably only true for HP-UX.
?C:.
?C:HAS_SIGINTRP (SIGINTRP):
?C: This symbol, if defined, indicates that the siginterrupt() routine
?C: is available.
?C:.
?H:#$d_sigvec HAS_SIGVEC /**/
?H:#$d_sigvectr HAS_SIGVECTOR /**/
?H:#$d_sigintrp HAS_SIGINTRP /**/
?H:.
?T:val
?LINT:set d_sigvec d_sigintrp
@if
 d_sigvectr || d_sigvec || HAS_SIGVEC || HAS_SIGVECTOR
: see if sigvector exists -- since sigvec will match the substring
```

```
echo " "
if set sigvector val -f d_sigvectr; eval $csym; $val; then
 echo 'sigvector() found--you must be running HP-UX.' >&4
 val="$define"; set d_sigvectr; eval $setvar
 val="$define"; set d_sigvec; eval $setvar
else
: try the original name
 d_sigvectr="$undef"
 if set sigvec val -f d_sigvec; eval $csym; $val; then
  echo 'sigvec() found.' >&4
  val="$define"; set d_sigvec; eval $setvar
 else
  echo 'sigvec() not found--race conditions with signals may occur.' >&4
  val="$undef"; set d_sigvec; eval $setvar
 fi
fi

@end
@if d_sigintrp || HAS_SIGINTRP
: see if we have siginterrupt
set siginterrupt d_sigintrp
eval $inlibc

@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_sigvec.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_rdchk.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_rdchk.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:51  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_rdchk: Inlibc
?MAKE: -pick add $@ %<
?S:d_rdchk:
?S: This variable conditionally defines the HAS_RDCHK symbol, which
```

```
?S: indicates to the C program that the rdchk() routine is available
?S: to find out if there is input pending on an IO channel.
?S:.
?C:HAS_RDCHK (RDCHK):
?C: This symbol, if defined, indicates that the rdchk routine
 is available
?C: to find out if there is input pending on an IO channel.  Generally
?C: the routine is used only if FIONREAD and O_NDELAY aren't available.
?C:.
?H:#$d_rdchk HAS_RDCHK  /**/
?H:.
?LINT:set d_rdchk
: see if rdchk exists
set rdchk d_rdchk
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_rdchk.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_fchdir: Inlibc
?MAKE: -pick add $@ %<
?S:d_fchdir:
?S: This variable conditionally defines the HAS_FCHDIR symbol, which
?S: indicates to the C program that the fchdir() routine is available.
?S:.
?C:HAS_FCHDIR:
?C: This symbol, if defined, indicates that the fchdir routine is
?C: available to change directory using a file descriptor.
?C:.
?H:#$d_fchdir HAS_FCHDIR  /**/
?H:.
?LINT:set d_fchdir
: see if fchdir exists
set fchdir d_fchdir
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fchdir.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2001 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_nl_langinfo: Inlibc i_langinfo
?MAKE: -pick add $@ %<
?S:d_nl_langinfo:
?S: This variable conditionally defines the HAS_NL_LANGINFO symbol, which
?S: indicates to the C program that the nl_langinfo() routine is available.
?S:.
?C:HAS_NL_LANGINFO:
?C: This symbol, if defined, indicates that the nl_langinfo routine is
?C: available to return local data.  You will also need <langinfo.h>
?C: and therefore I_LANGINFO.
?C:.
?H:#$d_nl_langinfo HAS_NL_LANGINFO  /**/
?H:.
?LINT:set d_nl_langinfo
?LINT:use i_langinfo
: see if nl_langinfo exists
set nl_langinfo d_nl_langinfo
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_nl_langinfo.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2001 Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_usleepproto: Hasproto i_unistd
?MAKE: -pick add $@ %<
?S:d_usleepproto:
?S: This variable conditionally defines the HAS_USLEEP_PROTO symbol,
?S: which indicates to the C program that the system provides
```

```
?S: a prototype for the usleep() function.  Otherwise, it is
?S: up to the program to supply one.
?S:.
?C:HAS_USLEEP_PROTO:
?C: This symbol, if defined, indicates that the system provides
?C: a prototype for the usleep() function.  Otherwise, it is up
?C: to the program to supply one.  A good guess is
?C:  extern int
 usleep(useconds_t);
?C:.
?H:#$d_usleepproto HAS_USLEEP_PROTO /**/
?H:.
?LINT:set d_usleepproto
: see if prototype for usleep is available
echo " "
set d_usleepproto usleep $i_unistd unistd.h
eval $hasproto
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_usleepproto.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setrgid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS:
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_setrgid.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:14  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setrgid: Inlibc
?MAKE: -pick add $@ %<
?S:d_setrgid:
?S: This variable conditionally defines the HAS_SETRGID symbol, which
?S: indicates to the C program that the setrgid() routine is available
?S: to change the real gid of the current program.
?S:.
?C:HAS_SETRGID (SETRGID):
?C: This symbol, if defined, indicates that the setrgid
 routine is available
?C: to change the real gid of the current program.
```

```
?C:.
?H:#$d_setrgid HAS_SETRGID  /**/
?H:.
?LINT:set d_setrgid
: see if setrgid exists
set setrgid d_setrgid
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setrgid.U
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```
?RCS: $Id$
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?RCS:
?MAKE:d_strlcpy: Inlibc Hasproto d_gnulibc
?MAKE: -pick add $@ %<
?S:d_strlcpy:
?S: This variable conditionally defines the HAS_STRLCPY symbol, which
?S: indicates to the C program that the strlcpy () routine is available.
?S:.
?C:HAS_STRLCPY:
?C: This symbol, if defined, indicates that the strlcpy () routine is
?C: available to do string copying.
?C:.
?H:#$d_strlcpy HAS_STRLCPY  /**/
?H:.
?T:d_strlcpy_proto xx1 xx2 xx3 xx4
?LINT:set d_strlcpy
: see if strlcpy exists
: We need both a prototype in string.h and the symbol in libc.
echo " "
d_strlcpy_proto=''
xx1='#$d_gnulibc HAS_GNULIBC'
xx2='#if defined(HAS_GNULIBC) && !defined(_GNU_SOURCE)'
xx3='#   define _GNU_SOURCE'
xx4='#endif'
set d_strlcpy_proto strlcpy
 literal "$xx1" literal "$xx2" literal "$xx3" literal "$xx4" define string.h
eval $hasproto
case "$d_strlcpy_proto" in
   define) # see if strlcpy exists
 set strlcpy d_strlcpy
```

```
 eval $inlibc
 ;;
   *)  val=$undef
 set d_strlcpy
 eval $setvar
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strlcpy.U
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```
?RCS: $Id: errnolist.U,v 3.0.1.2 1997/02/28 15:48:01 ram Exp $
?RCS:
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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: errnolist.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  15:48:01  ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS: patch61: likewise for .o replaced by $_o
?RCS:
?RCS: Revision 3.0.1.1  1994/01/24  14:10:54  ram
?RCS: patch16: created
?RCS:
?MAKE:errnolist errnolist_SH errnolist_a errnolist_c errnolist_o: cat \
 Compile +d_sysernlst _a _o
?MAKE: -pick add $@ %<
?S:errnolist:
?S: This variable holds the base name of a file containing the
?S: definition
 of the sys_errnolist array, if the C library
?S: doesn't provide it already.  Otherwise, its value is empty.
?S: The following lines should be included in your Makefile.SH:
?S:
?S:  case "$errnolist" in
?S:  ") ;;
?S:  *)
?S:   $spitshell >>Makefile <<!GROK!THIS!
?S:  $errnolist_c: $errnolist_SH $errnolist_a
?S:   sh ./$errnolist_SH
?S:
```

```
?S:  !GROK!THIS!
?S:   ;;
?S:  esac
?S:
?S: You may define the 'errnolist' variable in your Myinit.U if you
?S: wish to override its default value "errnolist".
?S:.
?S:errnolist_SH:
?S: This is the name of a file which will generate errnolistc.
?S:.
?S:errnolist_a:
?S: This is the name of the awk script called by errnolist_SH.
?S:.
?S:errnolist_c:
?S: This is the name of a generated C file which provides the
?S: definition of the sys_errnolist array.
?S:.
?S:errnolist_o:
?S: This is the name of the object file which provides the
?S: definition of the sys_errnolist array, if the C library
?S: doesn't provide it already.  Otherwise, its value is
 empty.
?S:.
?INIT:errnolist=errnolist
: check for sys_errnolist
@if d_sysernlst || HAS_SYS_ERRNOLIST
case "$d_sysernlst" in
"$define")
   errnolist="
   errnolist_SH="
   errnolist_a="
   errnolist_c="
   errnolist_o="
 ;;
*)
 echo " "
 echo "I'll make sure your Makefile provides sys_errnolist in $errnolist.c"
   errnolist_SH=$errnolist.SH
   errnolist_a=$errnolist$_a
   errnolist_c=$errnolist.c
   errnolist_o=$errnolist$_o
 ;;
esac
@else
echo " "
$cat <<EOM
Checking to see if your C library provides us with sys_errnolist[]...
EOM
```

```
$cat >errnolist.c <<'EOCP'
extern char *sys_errnolist[];
int main() {
   char *p0 = sys_errnolist[0];
   char *p1 = sys_errnolist[1];

   return (p0 == p1); /* Make sure they're not optimized away */
}
EOCP
set errnolist
if eval $compile; then
   echo "It does."
   errnolist=''
   errnolist_SH=''
   errnolist_a=''
   errnolist_c=''
   errnolist_o=''
else
 echo "I'll make sure your Makefile provides sys_errnolist in $errnolist.c"
   errnolist_SH=$errnolist.SH
    errnolist_a=$errnolist$_a
   errnolist_c=$errnolist.c
   errnolist_o=$errnolist$_o
fi
@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/errnolist.U
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```
?RCS: $Id: i_sysmount.U,v $
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_sysmount: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_sysmount:
?S: This variable conditionally defines the I_SYSMOUNT symbol,
?S: and indicates whether a C program should include <sys/mount.h>.
?S:.
?C:I_SYS_MOUNT:
?C: This symbol, if defined, indicates that <sys/mount.h> exists and
?C: should be included.
?C:.
```

```
?H:#$i_sysmount I_SYS_MOUNT  /**/
?H:.
?LINT:set i_sysmount
: see if this is a sys/mount.h system
set sys/mount.h i_sysmount
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_sysmount.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: packadmin.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1996, Andy Dougherty
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?RCS:
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?MAKE:packadmin: cf_email Oldconfig Myread cat spackage package
?MAKE: -pick add $@ %<
?Y:TOP
?S:packadmin:
?S: Electronic mail address of the package administrator.
?S:.
: check wehther they will act as local admin for the package
$cat <<EOM

If you or somebody else will be maintaining $package at your site, please
fill in the correct e-mail address here so that they may be contacted
if necessary.  You may enter "none"
 for no administrator.

EOM
case "$packadmin" in
") dflt="$cf_email";;
*) dflt="$packadmin";;
esac
rp="$spackage administrator e-mail address"
. ./myread
packadmin="$ans"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/dist/U/packadmin.U
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```
?RCS: $Id$
?RCS:
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?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_getmntent: Inlibc
?MAKE: -pick add $@ %<
?S:d_getmntent:
?S: This variable conditionally defines the HAS_GETMNTENT symbol, which
?S: indicates to the C program that the getmntent() routine is available
?S: to iterate through mounted files to get their mount info.
?S:.
?C:HAS_GETMNTENT:
?C: This symbol, if defined, indicates that the getmntent routine is
?C: available to iterate through mounted file systems to get their info.
?C:.
?H:#$d_getmntent HAS_GETMNTENT  /**/
?H:.
?LINT:set d_getmntent
: see if getmntent exists
set getmntent d_getmntent
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getmntent.U
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```
?RCS: $Id: sig_name.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: sig_name.U,v $
?RCS: Revision 3.0.1.5  1997/02/28  16:21:25  ram
?RCS: patch61: brand new algorithm for sig_name and (new!) sig_num
?RCS:
?RCS: Revision 3.0.1.4  1995/07/25  14:14:54  ram
```

```
?RCS: patch56: added <asm/signal.h> lookup for Linux
?RCS:
?RCS: Revision 3.0.1.3  1995/05/12  12:24:11  ram
?RCS: patch54: now looks for <linux/signal.h> too (ADO)
?RCS:
?RCS: Revision 3.0.1.2  1994/06/20  07:06:57  ram
?RCS: patch30: final echo was missing to close
 awk-printed string
?RCS:
?RCS: Revision 3.0.1.1  1994/05/06  15:17:55  ram
?RCS: patch23: signal list now formatted to avoid scroll-ups (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:47  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:sig_name sig_name_init sig_num sig_num_init sig_count sig_size: \
 awk Signal Oldconfig rm
?MAKE: -pick add $@ %<
?S:sig_name:
?S: This variable holds the signal names, space separated. The leading
?S: SIG in signal name is removed.  A ZERO is prepended to the list.
?S: This is currently not used, sig_name_init is used instead.
?S:.
?S:sig_name_init:
?S: This variable holds the signal names, enclosed in double quotes and
?S: separated by commas, suitable for use in the SIG_NAME definition
?S: below.  A "ZERO" is prepended to the list, and the list is
?S: terminated with a plain 0.  The leading SIG in signal names
?S: is removed. See sig_num.
?S:.
?S:sig_num:
?S: This variable holds the signal numbers, space separated. A ZERO is
?S: prepended
 to the list (corresponding to the fake SIGZERO).
?S: Those numbers correspond to  the value of the signal listed
?S: in the same place within the sig_name list.
?S: This is currently not used, sig_num_init is used instead.
?S:.
?S:sig_num_init:
?S: This variable holds the signal numbers, enclosed in double quotes and
?S: separated by commas, suitable for use in the SIG_NUM definition
?S: below.  A "ZERO" is prepended to the list, and the list is
?S: terminated with a plain 0.
?S:.
?S:sig_count (sig_name.U):
?S: This variable holds a number larger than the largest valid
?S: signal number.  This is usually the same as the NSIG macro.
?S:.
```

```
?S:sig_size:
?S: This variable contains the number of elements of the sig_name
?S: and sig_num arrays.
?S:.
?C:SIG_NAME:
?C: This symbol contains a list of signal names in order of
?C: signal number. This is intended
?C: to be used as a static array initialization, like this:
?C:  char *sig_name[] = { SIG_NAME };
?C: The signals in the list are separated
 with commas, and each signal
?C: is surrounded by double quotes. There is no leading SIG in the signal
?C: name, i.e. SIGQUIT is known as "QUIT".
?C: Gaps in the signal numbers (up to NSIG) are filled in with NUMnn,
?C: etc., where nn is the actual signal number (e.g. NUM37).
?C: The signal number for sig_name[i] is stored in sig_num[i].
?C: The last element is 0 to terminate the list with a NULL.  This
?C: corresponds to the 0 at the end of the sig_name_init list.
?C: Note that this variable is initialized from the sig_name_init,
?C: not from sig_name (which is unused).
?C:.
?C:SIG_NUM:
?C: This symbol contains a list of signal numbers, in the same order as the
?C: SIG_NAME list. It is suitable for static array initialization, as in:
?C:  int sig_num[] = { SIG_NUM };
?C: The signals in the list are separated with commas, and the indices
?C: within that list and the SIG_NAME list match, so it's easy to compute
?C: the signal name from a number or vice versa at the price of a small
?C: dynamic
 linear lookup.
?C: Duplicates are allowed, but are moved to the end of the list.
?C: The signal number corresponding to sig_name[i] is sig_number[i].
?C: if (i < NSIG) then sig_number[i] == i.
?C: The last element is 0, corresponding to the 0 at the end of
?C: the sig_name_init list.
?C: Note that this variable is initialized from the sig_num_init,
?C: not from sig_num (which is unused).
?C:.
?C:SIG_COUNT:
?C: This variable contains a number larger than the largest
?C: signal number.  This is usually the same as the NSIG macro.
?C:.
?C:SIG_SIZE:
?C: This variable contains the number of elements of the SIG_NAME
?C: and SIG_NUM arrays, excluding the final NULL entry.
?C:.
?H:#define SIG_NAME $sig_name_init  /**/
?H:#define SIG_NUM  $sig_num_init  /**/
```

```
?H:#define SIG_COUNT $sig_count   /**/
?H:#define SIG_SIZE $sig_size   /**/
?H:.
?T:i doinit
?F:!= !signal_cmd
?X: signal.cmd creates a file  signal.lst which has two columns:
?X: NAME  number, e.g.
?X:  HUP 1
?X: The list is
 sorted on signal number, with duplicates moved to
?X: the end..
: generate list of signal names
case "$sig_num_init" in
")
echo " "
case "$sig_name_init" in
") doinit=yes ;;
*)  case "$sig_num_init" in
   "|*,*) doinit=yes ;;
   esac ;;
esac
case "$doinit" in
yes)
 echo "Generating a list of signal names and numbers..." >&4
 . ./signal_cmd
 sig_count=`$awk '/^NSIG/ { printf "%d", $2 }' signal.lst`
 sig_name=`$awk 'BEGIN { printf "ZERO " }
   !/^NSIG/ { printf "%s ", $1 }' signal.lst`
 sig_num=`$awk  'BEGIN { printf "0 " }
   !/^NSIG/ { printf "%d ", $2 }' signal.lst`
 sig_name_init=`$awk 'BEGIN { printf "\"ZERO\", " }
        !/^NSIG/ { printf "\"%s\", ", $1 }
        END { printf "0\n" }' signal.lst`
 sig_num_init=`$awk  'BEGIN { printf "0, " }
        !/^NSIG/ { printf "%d, ", $2}
        END { printf "0\n"}' signal.lst`
 ;;
esac
echo "The following $sig_count signals are available:"
echo " "
echo $sig_name | $awk \
'BEGIN { linelen = 0 }
{
 for (i = 1; i <= NF; i++) {
  name
 = "SIG" $i " "
  linelen = linelen + length(name)
  if (linelen > 70) {
```

```
   printf "\n"
   linelen = length(name)
  }
  printf "%s", name
 }
 printf "\n"
}'
sig_size=`echo $sig_name | awk '{print NF}'`
$rm -f signal signal.c signal.awk signal.lst signal_cmd
;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/sig_name.U
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```
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?MAKE:Assert: cat
?MAKE: -pick add $@ %<
?F:./static_assert.h
: static assertion checking include file
?X:
?X: C programs can include this file to perform STATIC_ASSERT() checks
?X: which are done at compile-time and cause the compilation to fail when
?X: the expression is false.
?X:
?X: It is sufficient to compile with: $cc -c $ccflags try.c
?X: There is no need to link the file to spot the assertion failure.
?X:
$cat >static_assert.h <<'EOC'
#define STATIC_ASSERT(expr) \
 do { switch (0) { case ((expr) ? 1 : 0): case 0: break; } }
 while(0)
EOC
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Assert.U

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```
?RCS: $Id: d_asctime_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_asctime_r asctime_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_time i_systime extern_C
?MAKE: -pick add $@ %<
?S:d_asctime_r:
?S: This variable conditionally defines the HAS_ASCTIME_R symbol,
?S: which indicates to the C program that the asctime_r()
?S: routine is available.
?S:.
?S:asctime_r_proto:
?S: This variable encodes the prototype of asctime_r.
?S: It is zero if d_asctime_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_asctime_r
?S: is defined.
?S:.
?C:HAS_ASCTIME_R:
?C: This symbol, if defined, indicates that the asctime_r routine
?C: is available to asctime
 re-entrantly.
?C:.
?C:ASCTIME_R_PROTO:
?C: This symbol encodes the prototype of asctime_r.
?C: It is zero if d_asctime_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_asctime_r
?C: is defined.
?C:.
?H:#$d_asctime_r HAS_ASCTIME_R /**/
?H:#define ASCTIME_R_PROTO $asctime_r_proto /**/
?H:.
?T:try hdrs d_asctime_r_proto
: see if asctime_r exists
set asctime_r d_asctime_r
eval $inlibc
case "$d_asctime_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_time time.h $i_systime sys/time.h"
 case "$d_asctime_r_proto:$usethreads" in
 ":define") d_asctime_r_proto=define
  set d_asctime_r_proto asctime_r $hdrs
```

```
 eval $hasproto ;;
*) ;;
esac
case "$d_asctime_r_proto" in
define)
case "$asctime_r_proto" in
"|0) try='char* asctime_r(const struct tm*, char*);'
./protochk "$extern_C $try" $hdrs && asctime_r_proto=B_SB ;;
esac
case "$asctime_r_proto" in
"|0) try='char* asctime_r(const struct tm*, char*, int);'
./protochk "$extern_C $try" $hdrs
&& asctime_r_proto=B_SBI ;;
esac
case "$asctime_r_proto" in
"|0) try='int asctime_r(const struct tm*, char*);'
./protochk "$extern_C $try" $hdrs && asctime_r_proto=I_SB ;;
esac
case "$asctime_r_proto" in
"|0) try='int asctime_r(const struct tm*, char*, int);'
./protochk "$extern_C $try" $hdrs && asctime_r_proto=I_SBI ;;
esac
case "$asctime_r_proto" in
"|0) d_asctime_r=undef
 asctime_r_proto=0
 echo "Disabling asctime_r, cannot determine prototype." >&4 ;;
* ) case "$asctime_r_proto" in
 REENTRANT_PROTO*) ;;
 *) asctime_r_proto="REENTRANT_PROTO_$asctime_r_proto" ;;
 esac
 echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
 define) echo "asctime_r has no prototype, not using it." >&4 ;;
 esac
 d_asctime_r=undef
 asctime_r_proto=0
 ;;
esac
;;
*) asctime_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_asctime_r.U

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```
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?RCS:
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?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_fpclass: Inlibc
?MAKE: -pick add $@ %<
?S:d_fpclass:
?S: This variable conditionally defines the HAS_FPCLASS symbol, which
?S: indicates to the C program that the fpclass() routine is available.
?S:.
?C:HAS_FPCLASS:
?C: This symbol, if defined, indicates that the fpclass routine is
?C: available to classify doubles.  Available for example in Solaris/SVR4.
?C: The returned values are defined in <ieeefp.h> and are:
?C:
?C: FP_SNAN  signaling NaN
?C: FP_QNAN  quiet NaN
?C: FP_NINF  negative infinity
?C: FP_PINF  positive infinity
?C: FP_NDENORM negative denormalized non-zero
?C: FP_PDENORM positive denormalized non-zero
?C: FP_NZERO negative zero
?C: FP_PZERO positive zero
?C: FP_NNORM negative normalized
 non-zero
?C: FP_PNORM positive normalized non-zero
?C:.
?H:#$d_fpclass HAS_FPCLASS  /**/
?H:.
?LINT:set d_fpclass
: see if fpclass exists
set fpclass d_fpclass
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fpclass.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_sigsetmk.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
```

```
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_sigsetmk.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:23  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_sigsetmk: Csym Setvar
?MAKE: -pick add $@ %<
?S:d_sigsetmk:
?S: This variable conditionally defines the HAS_SIGSETMASK symbol, which
?S: indicates to the C program that the sigsetmask() routine is available
?S: to set current signal mask.
?S:.
?C:HAS_SIGSETMASK (SIGSETMASK):
?C: This symbol, if defined, indicates that the sigsetmask()
 routine is
?C: available to set current signal mask. Otherwise, you should probably
?C: emulate this by using signal(), but fear race conditions...
?C:.
?H:#$d_sigsetmk HAS_SIGSETMASK  /**/
?H:.
?LINT:set d_sigsetmk
: see if sigsetmask exists
echo " "
if set sigsetmask val -f d_sigsetmk; eval $csym; $val; then
 echo 'sigsetmask() found.' >&4
 val="$define"
else
 echo "sigsetmask() not found -- We'll use signal()." >&4
 val="$undef"
fi
set d_sigsetmk
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_sigsetmk.U
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```
?RCS: $Id: nametype.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: nametype.U,v $
?RCS: Revision 3.0.1.3  1994/10/29  16:26:09  ram
?RCS: patch36: call ./usg and ./bsd explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0.1.2  1994/08/29  16:36:48  ram
?RCS: patch32: fixed typo: /etc/password -> /etc/passwd (WED)
?RCS:
?RCS: Revision 3.0.1.1  1993/09/13  16:10:09  ram
?RCS: patch10: made questions more explicit for 'Configure -s' prompting (WAD)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:20  ram
?RCS: Baseline
 for dist 3.0 netwide release.
?RCS:
?MAKE:nametype d_passnames d_berknames d_usgnames: Myread Guess Oldconfig cat
?MAKE: -pick add $@ %<
?S:nametype:
?S: This variable indicates how full names are stored on this system.
?S: Values are bsd, usg, and other.
?S:.
?S:d_passnames:
?S: This variable conditionally defines the PASSNAMES symbol,
?S: which indicates to the C program that full names are stored in
?S: the /etc/passwd file.
?S:.
?S:d_berknames:
?S: This variable conditionally defines the PASSNAMES symbol,
?S: which indicates to the C program that full names are stored in
?S: the /etc/passwd file in Berkeley format.
?S:.
?S:d_usgnames:
?S: This variable conditionally defines the PASSNAMES symbol,
?S: which indicates to the C program that full names are stored in
?S: the /etc/passwd file in USG format.
?S:.
?C:PASSNAMES:
?C: This symbol, if defined, indicates that full names are stored in
?C: the /etc/passwd file.
?C:.
?C:BERKNAMES:
?C: This symbol, if defined, indicates that full
 names are stored in
?C: the /etc/passwd file in Berkeley format (name first thing, everything
```

```
?C: up to first comma, with & replaced by capitalized login id, yuck).
?C:.
?C:USGNAMES:
?C: This symbol, if defined, indicates that full names are stored in
?C: the /etc/passwd file in USG format (everything after - and before ( is
?C: the name).
?C:.
?H:#$d_passnames PASSNAMES /*  (undef to take name from ~/.fullname) */
?H:#$d_berknames BERKNAMES /* (that is, ":name,stuff:") */
?H:#$d_usgnames USGNAMES  /* (that is, ":stuff-name(stuff):") */
?H:.
: find out how to find out full name
case "$d_berknames" in
"$define")
 dflt=y;;
"$undef")
 dflt=n;;
*)
 if ./bsd; then
  dflt=y
 elif ./xenix; then
  dflt=y
 else
  dflt=n
 fi
 ;;
esac
$cat <<'EOM'

Does your /etc/passwd file keep full names in Berkeley/V7 format (name first
thing after ':' in GCOS field)?  In that case, a typical entry in the password
file looks like this:

   guest:**paswword**:10:100:Mister Guest User:/usr/users:/bin/sh

                         ^^^^^^^^^^^^^^^^^^
EOM
rp="Berkeley/V7 format for full name in /etc/passwd?"
. ./myread
case "$ans" in
y*) d_passnames="$define"
 d_berknames="$define"
 d_usgnames="$undef"
 nametype=bsd
 ;;
*)
 case "$d_usgnames" in
 "$define") dflt=y;;
```

```
 "$undef") dflt=n;;
 *)
  if ./usg; then
   dflt=y
  else
   dflt=n
  fi
  ;;
 esac
$cat <<'EOM'

Does your passwd file keep full names in USG format (name sandwiched between a
'-' and a '(')?  In that case, a typical entry in the password file looks like
this:

   guest:**paswword**:10:100:000-Mister Guest User(000):/usr/users:/bin/sh
                              ^^^^^^^^^^^^^^^^^^
EOM
 rp="USG format for full name in /etc/passwd?"
 . ./myread
 case "$ans" in
 n*) echo "Full name will be taken from ~/.fullname"
  d_passnames="$undef"
  d_berknames="$undef"
  d_usgnames="$undef"
  nametype=other
  ;;
 *)
  d_passnames="$define"
  d_berknames="$undef"
  d_usgnames="$define"
  nametype=usg
  ;;
 esac;;
esac

Found in path(s):
*
 /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/nametype.U
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?RCS:
?MAKE:d_remainder: Inlibc
?MAKE: -pick add $@ %<
?S:d_remainder:
```

```
?S: This variable conditionally defines the HAS_REMAINDER symbol, which
?S: indicates to the C program that the remainder() routine is available.
?S:.
?C:HAS_REMAINDER:
?C: This symbol, if defined, indicates that the remainder routine is
?C: available to return the floating-point remainder.
?C:.
?H:#$d_remainder HAS_REMAINDER  /**/
?H:.
?LINT:set d_remainder
: see if remainder exists
set remainder d_remainder
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_remainder.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setreuid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_setreuid.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:13  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setreuid d_setresuid: Inlibc
?MAKE: -pick add $@ %<
?S:d_setreuid:
?S: This variable conditionally defines HAS_SETREUID if setreuid() is
?S: available to change the real and effective uid of the current
?S: process.
?S:.
?S:d_setresuid:
?S: This variable conditionally defines HAS_SETREUID if setresuid() is
?S: available to change
 the real, effective and saved uid of the current
?S: process.
?S:.
?C:HAS_SETREUID (SETREUID):
?C: This symbol, if defined, indicates that the setreuid routine is
```

```
?C: available to change the real and effective uid of the current
?C: process.
?C:.
?C:HAS_SETRESUID (SETRESUID):
?C: This symbol, if defined, indicates that the setresuid routine is
?C: available to change the real, effective and saved uid of the current
?C: process.
?C:.
?H:#$d_setreuid HAS_SETREUID  /**/
?H:#$d_setresuid HAS_SETRESUID  /**/
?H:.
?LINT:set d_setreuid d_setresuid
: see if setreuid exists
set setreuid d_setreuid
eval $inlibc
set setresuid d_setresuid
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setreuid.U
No license file was found, but licenses were detected in source scan.

```
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?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_dirent.U,v $
?RCS: Revision 3.0.1.4  1994/10/29  16:20:01  ram
?RCS: patch36: failed scanning for 'd_namlen' with missing <dirent.h> (ADO)
?RCS:
?RCS: Revision 3.0.1.3  1994/06/20  07:01:25  ram
?RCS: patch30: added direntrytype for hints, merely for NeXT (ADO)
?RCS: patch30: now checks for both struct dirent and direct (ADO)
?RCS:
?RCS: Revision 3.0.1.2  1994/05/13  15:22:37  ram
?RCS: patch27: new variable direntrytype for proper type setting (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/01/24
 14:11:15  ram
?RCS: patch16: added new Direntry_t pseudo-type for directory entries
?RCS:
```

```
?RCS: Revision 3.0  1993/08/18  12:08:17  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit looks whether there is a dirent system or not
?X:
?MAKE:i_dirent d_dirnamlen direntrytype: test contains Setvar \
 Myread Findhdr cppstdin cppflags cppminus rm_try
?MAKE: -pick add $@ %<
?S:i_dirent:
?S: This variable conditionally defines I_DIRENT, which indicates
?S: to the C program that it should include <dirent.h>.
?S:.
?S:d_dirnamlen:
?S: This variable conditionally defines DIRNAMLEN, which indicates
?S: to the C program that the length of directory entry names is
?S: provided by a d_namelen field.
?S:.
?S:direntrytype:
?S: This symbol is set to 'struct direct' or 'struct dirent' depending on
?S: whether dirent is available or not. You should use this pseudo type to
?S: portably declare your directory entries.
?S:.
?C:I_DIRENT:
?C: This symbol, if defined, indicates to the C program
 that it should
?C: include <dirent.h>. Using this symbol also triggers the definition
?C: of the Direntry_t define which ends up being 'struct dirent' or
?C: 'struct direct' depending on the availability of <dirent.h>.
?C:.
?C:DIRNAMLEN:
?C: This symbol, if defined, indicates to the C program that the length
?C: of directory entry names is provided by a d_namlen field.  Otherwise
?C: you need to do strlen() on the d_name field.
?C:.
?C:Direntry_t:
?C: This symbol is set to 'struct direct' or 'struct dirent' depending on
?C: whether dirent is available or not. You should use this pseudo type to
?C: portably declare your directory entries.
?C:.
?H:#$i_dirent I_DIRENT  /**/
?H:#$d_dirnamlen DIRNAMLEN /**/
?H:?%<:@if I_DIRENT && Direntry_t
?H:?%<:#define Direntry_t $direntrytype
?H:?%<:@end
?H:.
?T:xinc guess1 guess2
?LINT:set i_dirent d_dirnamlen
```

```
: see if this is a dirent system
echo " "
if xinc=`./findhdr dirent.h`; $test "$xinc"; then
 val="$define"
 echo "<dirent.h> found." >&4
else
 val="$undef"
 if
 xinc=`./findhdr sys/dir.h`; $test "$xinc"; then
  echo "<sys/dir.h> found." >&4
  echo " "
 else
  xinc=`./findhdr sys/ndir.h`
 fi
 echo "<dirent.h> NOT found." >&4
fi
set i_dirent
eval $setvar

?X: Use struct dirent or struct direct?   If we're using dirent.h,
?X: it's probably struct dirent, but apparently not always.
?X: Assume $xinc still contains the name of the header file we're using.
@if direntrytype || Direntry_t
: Look for type of directory structure.
echo " "
$cppstdin $cppflags $cppminus < "$xinc" > try.c

case "$direntrytype" in
"|' ')
 case "$i_dirent" in
 $define) guess1='struct dirent' ;;
 *) guess1='struct direct'  ;;
 esac
 ;;
*) guess1="$direntrytype"
 ;;
esac

case "$guess1" in
'struct dirent') guess2='struct direct' ;;
*) guess2='struct dirent' ;;
esac

if $contains "$guess1" try.c >/dev/null 2>&1; then
 direntrytype="$guess1"
 echo "Your directory entries are $direntrytype." >&4
elif $contains "$guess2" try.c >/dev/null 2>&1; then
 direntrytype="$guess2"
```

```
 echo
 "Your directory entries seem to be $direntrytype." >&4
else
 echo "I don't recognize your system's directory entries." >&4
 rp="What type is used for directory entries on this system?"
 dflt="$guess1"
 . ./myread
 direntrytype="$ans"
fi
$rm_try

@end

@if d_dirnamlen || DIRNAMLEN
: see if the directory entry stores field length
echo " "
$cppstdin $cppflags $cppminus < "$xinc" > try.c
if $contains 'd_namlen' try.c >/dev/null 2>&1; then
 echo "Good, your directory entry keeps length information in d_namlen." >&4
 val="$define"
else
 echo "Your directory entry does not know about the d_namlen field." >&4
 val="$undef"
fi
set d_dirnamlen
eval $setvar
$rm_try

@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_dirent.U
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```
?RCS: $Id: d_usleep.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_usleep.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:53  ram
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
?MAKE:d_usleep: Inlibc
?MAKE: -pick add $@ %<
?S:d_usleep:
?S: This variable conditionally defines HAS_USLEEP if usleep() is
?S: available to do high granularity sleeps.
?S:.
?C:HAS_USLEEP (USLEEP):
?C: This symbol, if defined, indicates that the usleep routine is
?C: available to let the process sleep on a sub-second accuracy.
?C:.
?H:#$d_usleep
 HAS_USLEEP  /**/
?H:.
?LINT:set d_usleep
: see if usleep exists
set usleep d_usleep
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_usleep.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: pidtype.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:31:27  ram
?RCS: patch32: now uses new Typedef unit to compute type information
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:33  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:pidtype: Myread Typedef
?MAKE: -pick add $@ %<
?S:pidtype:
?S: This variable defines PIDTYPE to be something like pid_t, int,
?S: ushort, or whatever type is used to declare process ids in the kernel.
?S:.
?C:Pid_t (PIDTYPE):
```

```
?C: This symbol holds the type
 used to declare process ids in the kernel.
?C: It can be int, uint, pid_t, etc... It may be necessary to include
?C: <sys/types.h> to get any typedef'ed information.
?C:.
?H:#define Pid_t $pidtype  /* PID type */
?H:.
: see what type pids are declared as in the kernel
set pid_t pidtype int stdio.h sys/types.h
eval $typedef
dflt="$pidtype"
echo " "
rp="What type are process ids on this system declared as?"
. ./myread
pidtype="$ans"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/pidtype.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_ulimit.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_ulimit.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:51  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_ulimit: Inlibc
?MAKE: -pick add $@ %<
?S:d_ulimit:
?S: This variable conditionally defines HAS_ULIMIT if ulimit() is
?S: available to get the user limits.
?S:.
?C:HAS_ULIMIT (ULIMIT):
?C: This symbol, if defined, indicates that the ulimit system call is
?C: available to get the user limits.
?C:.
?H:#$d_ulimit HAS_ULIMIT  /**/
?H:.
?LINT:set
```

```
 d_ulimit
: see if ulimit exists
set ulimit d_ulimit
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_ulimit.U
No license file was found, but licenses were detected in source scan.

```
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?RCS:
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?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_msghdr_s: Hasstruct i_systypes d_socket i_sysuio Setvar
?MAKE: -pick add $@ %<
?S:d_msghdr_s:
?S: This variable conditionally defines the HAS_STRUCT_MSGHDR symbol,
?S: which indicates that the struct msghdr is supported.
?S:.
?C:HAS_STRUCT_MSGHDR:
?C: This symbol, if defined, indicates that the struct msghdr
?C: is supported.
?C:.
?H:#$d_msghdr_s HAS_STRUCT_MSGHDR /**/
?H:.
?LINT:set d_msghdr_s
: Check for msghdr_s
echo " "
echo "Checking to see if your system supports struct msghdr..." >&4
set d_msghdr_s msghdr $i_systypes sys/types.h $d_socket sys/socket.h $i_sysuio sys/uio.h
eval $hasstruct
case "$d_msghdr_s" in
"$define")      echo "Yes, it does."   ;;
*)              echo "No, it doesn't."
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_msghdr_s.U
No license file was found, but licenses were detected in source scan.

```
# $Id: errnolist.sh,v 3.0.1.1 1994/01/24 14:00:00 ram Exp ram $
#
```

```
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#  of the source tree for dist 4.0.
#
# Original Author: Harlan Stenn <harlan@mumps.pfcs.com>
#
# $Log: errnolist.sh,v $
# Revision 3.0.1.1  1994/01/24  14:00:00  ram
# patch16: changed top ln-style config.sh lookup into test-style one
#
# Revision 3.0  1993/08/18  12:04:36  ram
# Baseline for dist 3.0 netwide release.
#

case $CONFIG in
")
 if test -f config.sh; then TOP=.;
 elif test -f ../config.sh; then TOP=..;
 elif test -f ../../config.sh; then TOP=../..;
 elif test -f ../../../config.sh; then TOP=../../..;
 elif
 test -f ../../../../config.sh; then TOP=../../../..;
 else
  echo "Can't find config.sh."; exit 1
 fi
 . $TOP/config.sh
 ;;
esac
case "$0" in
*/*) cd `expr X$0 : 'X\(.*\)/'` ;;
esac
case "$errnolistc" in
") ;;
*)
 echo "Making $errnolistc ..."
 awk -f errnolist.a < /usr/include/sys/errno.h > $errnolistc
 echo "It would be a good idea to make sure that $errnolistc is correct."
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/errnolist.SH
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_nextafter: Inlibc
?MAKE: -pick add $@ %<
?S:d_nextafter:
?S: This variable conditionally defines HAS_NEXTAFTER if nextafter()
?S: is available to return the next machine representable double from
?S: x in direction y.
?S:.
?C:HAS_NEXTAFTER:
?C: This symbol, if defined, indicates that the nextafter routine is
?C: available to return the next machine representable double from
?C: x in direction y.
?C:.
?H:#$d_nextafter HAS_NEXTAFTER  /**/
?H:.
?LINT:set d_nextafter
: see if nextafter exists
set nextafter d_nextafter
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_nextafter.U
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```
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?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_memchr.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:32  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_memchr: Inlibc
?MAKE: -pick add $@ %<
?S:d_memchr:
?S: This variable conditionally defines the HAS_MEMCHR symbol, which
?S: indicates to the C program that the memchr() routine is available
?S: to scan a block of memory for a character.
?S:.
```

```
?C:HAS_MEMCHR:
?C: This symbol, if defined, indicates that the memchr routine is available
?C: to scan a block of memory for a character.
  If undefined, roll your own.
?C:.
?H:#$d_memchr HAS_MEMCHR  /**/
?H:.
?LINT:set d_memchr
: see if memchr exists
set memchr d_memchr
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_memchr.U
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```
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:i_pthread: Inhdr
?MAKE: -pick add $@ %<
?S:i_pthread:
?S: This variable conditionally defines the I_PTHREAD symbol,
?S: and indicates whether a C program should include <pthread.h>.
?S:.
?C:I_PTHREAD:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <pthread.h>.
?C:.
?H:#$i_pthread   I_PTHREAD /**/
?H:.
?LINT:set i_pthread
: see if POSIX threads are available
set pthread.h i_pthread
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/i_pthread.U

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```
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_sbrkproto: Hasproto i_unistd
?MAKE: -pick add $@ %<
?S:d_sbrkproto:
?S: This variable conditionally defines the HAS_SBRK_PROTO symbol,
?S: which indicates to the C program that the system provides
?S: a prototype for the sbrk() function.  Otherwise, it is
?S: up to the program to supply one.
?S:.
?C:HAS_SBRK_PROTO:
?C: This symbol, if defined, indicates that the system provides
?C: a prototype for the sbrk() function.  Otherwise, it is up
?C: to the program to supply one.  Good guesses are
?C:  extern void* sbrk(int);
?C:  extern
 void* sbrk(size_t);
?C:.
?H:#$d_sbrkproto HAS_SBRK_PROTO /**/
?H:.
?LINT:set d_sbrkproto
: see if prototype for sbrk is available
echo " "
set d_sbrkproto sbrk $i_unistd unistd.h
eval $hasproto
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_sbrkproto.U
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```
?RCS: $Id: d_getlogin.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_getlogin.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:07:41  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_getlogin: Inlibc
?MAKE: -pick add $@ %<
?S:d_getlogin:
?S: This variable conditionally defines the HAS_GETLOGIN symbol, which
?S: indicates to the C program that the getlogin() routine is available
?S: to get the login name.
?S:.
?C:HAS_GETLOGIN :
?C: This symbol,
 if defined, indicates that the getlogin routine is
?C: available to get the login name.
?C:.
?H:#$d_getlogin HAS_GETLOGIN  /**/
?H:.
?LINT:set d_getlogin
: see if getlogin exists
set getlogin d_getlogin
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_getlogin.U
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```
?RCS: $Id: pidtype.U,v 3.0.1.1 1994/08/29 16:31:27 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: pidtype.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:31:27  ram
?RCS: patch32: now uses new Typedef unit to compute type information
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:33  ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:pidtype: Myread Typedef
?MAKE: -pick add $@ %<
?S:pidtype:
?S: This variable defines PIDTYPE to be something like pid_t, int,
?S: ushort, or whatever type is used to declare process ids in the kernel.
?S:.
?C:Pid_t (PIDTYPE):
?C: This
 symbol holds the type used to declare process ids in the kernel.
?C: It can be int, uint, pid_t, etc... It may be necessary to include
?C: <sys/types.h> to get any typedef'ed information.
?C:.
?H:#define Pid_t $pidtype  /* PID type */
?H:.
?LINT: set pidtype
: see what type pids are declared as in the kernel
rp="What is the type of process ids on this system?"
set pid_t pidtype int stdio.h sys/types.h
eval $typedef_ask
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/pidtype.U
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```
?RCS: $Id: d_perror.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_perror.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:11:38  ram
?RCS: patch32: always define HAS_PERROR even when not used in C code
?RCS:
?RCS: Revision 3.0  1993/08/18  12:06:45  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_perror: Inlibc
?MAKE: -pick add $@ %<
?S:d_perror:
?S: This variable conditionally remaps perror to a null action and
```

```
?S: defines the symbol HAS_PERROR, which indicates to the C program
?S: that the perror()
 routine is not available to print system
?S: error messages.
?S:.
?C:HAS_PERROR ~ %<:
?C: This symbol, if defined, indicates that the perror() routine is
?C: available to print system error messages. If not defined, you should
?C: use your own diagnostic routine...
?C:.
?C:perror ~ %<:
?C: This symbol is maped to null if the  perror() routine is not
?C: available to print system error messages.
?C:.
?H:?%<:#$d_perror HAS_PERROR /**/
?H:?%<:#ifndef HAS_PERROR
?H:?%<:#define perror(s) ;  /* mapped to a null statement */
?H:?%<:#endif
?H:.
?LINT:set d_perror
: see if perror exists
set perror d_perror
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_perror.U
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```
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_finite: Inlibc
?MAKE: -pick add $@ %<
?S:d_finite:
?S: This variable conditionally defines the HAS_FINITE symbol, which
?S: indicates to the C program that the finite() routine is available.
?S:.
?C:HAS_FINITE:
?C: This symbol, if defined, indicates that the finite routine is
?C: available to check whether a double is finite (non-infinity non-NaN).
?C:.
?H:#$d_finite HAS_FINITE  /**/
?H:.
```

```
?LINT:set d_finite
: see if finite exists
set finite d_finite
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_finite.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_stat.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_stat.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:28  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_stat: Inlibc
?MAKE: -pick add $@ %<
?S:d_stat:
?S: This variable conditionally defines HAS_STAT if stat() is
?S: available to get file status.
?S:.
?C:HAS_STAT (STAT):
?C: This symbol, if defined, indicates that the stat routine is
?C: available to get file status.
?C:.
?H:#$d_stat HAS_STAT /**/
?H:.
?LINT:set d_stat
: see if stat exists
set
 stat d_stat
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_stat.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_systimeb.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_systimeb.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:37  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit looks wether <sys/timeb.h> should be included
?X: or not when using ftime() (for struct timeb definition).
?X:
?X: Force looking for <sys/time.h> for struct timeb.
?X:INC: i_systime
?MAKE:i_systimeb: test contains Loc Setvar Findhdr
?MAKE: -pick add $@ %<
?S:i_systimeb:
?S: This variable conditionally defines I_SYS_TIMEB,
 which indicates
?S: to the C program that it should include <sys/timeb.h>.
?S:.
?C:I_SYS_TIMEB (I_SYSTIMEB):
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/timeb.h>, in order to define struct timeb (some systems
?C: define this in <sys/time.h>). This is useful when using ftime().
?C: You should include <sys/time.h> if I_SYS_TIMEB is not defined,
?C: nor is I_SYS_TIME.
?C:.
?H:#$i_systimeb I_SYS_TIMEB  /**/
?H:.
?T:xxx
?LINT:set i_systimeb
: see where struct timeb is defined
echo " "
xxx=`./findhdr sys/timeb.h`
if $test "$xxx"; then
 if $contains 'struct timeb' $xxx >/dev/null 2>&1; then
  val="$define"
  echo "You have struct timeb defined in <sys/timeb.h>." >&4
 else
  val="$undef"
  echo "Assuming struct timeb is defined in <sys/time.h>." >&4
 fi
```

```
else
 val="$undef"
echo "No <sys/timeb.h> -- Assuming struct timeb is defined in <sys/time.h>." >&4
fi
set i_systimeb
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_systimeb.U
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```
?RCS: $Id: cf_name.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Graham Stoney <greyham@research.canon.oz.au>
?RCS:
?RCS: $Log: cf_name.U,v $
?RCS: Revision 3.0.1.2  1994/05/06  14:29:36  ram
?RCS: patch23: fixed user name computation from /etc/passwd in bsd systems
?RCS:
?RCS: Revision 3.0.1.1  1994/01/24  14:05:11  ram
?RCS: patch16: created
?RCS:
?RCS:
?MAKE:+cf_name: cf_by passcat Filexp nametype cat test
?MAKE: -pick add $@ %<
?S:cf_name:
?S: Full name of the person who ran the Configure script and
 answered the
?S: questions. This can be used by units that require the user's full name.
?S: This variable is for internal use only.
?S:.
?T:xxx fn NAME
: figure out their full name
case "$NAME" in
") case "$nametype" in
 other)
  fn=`./filexp ~/.fullname`
  xxx=usg
  $test -f $fn && xxx=other
```

```
  ;;
 *)
  xxx="$nametype"
  ;;
 esac

 case "$xxx" in
 bsd)
  cf_name=`$passcat | grep "^$cf_by:" | \
   sed -e 's/^[^:]*:[^:]*:[^:]*:[^:]*:\([^:]*\):.*/\1/' \
   -e 's/,.*//'`
  ;;
   usg)
  cf_name=`$passcat | grep "^$cf_by:" | \
   sed -e 's/^[^:]*:[^:]*:[^:]*:[^:]*:\([^:]*\):.*/\1/' \
   -e 's/[^-]*-\(.*\)(.*)/\1/'`
  ;;
 *)
  cf_name=`$cat $fn`
  ;;
 esac
 ;;
*)
 cf_name="$NAME"
 ;;
esac
?X:
?X: In the original unit, Graham asked for the user name, in case the above
?X: code was unable to figure it out correctly. Since now cf_name has been
?X: made an internal variable only (i.e. it is not saved in config.sh), letting
?X: the user override the computed default each time would be a pain.
?X:
 Therefore, I have decided to trust the above code to get it right, and for
?X: those rare cases where it will fail, too bad :-) --RAM.
?X:
echo " "
echo "Pleased to meet you, $cf_name."
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/cf_name.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setpgrp2.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_setpgrp2.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:10  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setpgrp2: Inlibc
?MAKE: -pick add $@ %<
?S:d_setpgrp2:
?S: This variable conditionally defines the HAS_SETPGRP2 symbol, which
?S: indicates to the C program that the setpgrp2() (as in DG/UX) routine
?S: is available to set the current process group.
?S:.
?C:HAS_SETPGRP2 (SETPGRP2):
?C: This symbol, if defined, indicates that the
 setpgrp2() (as in DG/UX)
?C: routine is available to set the current process group.
?C:.
?H:#$d_setpgrp2 HAS_SETPGRP2  /**/
?H:.
?LINT:set d_setpgrp2
: see if setpgrp2 exists
set setpgrp2 d_setpgrp2
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setpgrp2.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_mblen.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_mblen.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:09:40  ram
?RCS: patch32: created by ADO
```

```
?RCS:
?MAKE:d_mblen: Inlibc
?MAKE: -pick add $@ %<
?S:d_mblen:
?S: This variable conditionally defines the HAS_MBLEN symbol, which
?S: indicates to the C program that the mblen() routine is available
?S: to find the number of bytes in a multibye character.
?S:.
?C:HAS_MBLEN:
?C: This
 symbol, if defined, indicates that the mblen routine is available
?C: to find the number of bytes in a multibye character.
?C:.
?H:#$d_mblen HAS_MBLEN  /**/
?H:.
?LINT:set d_mblen
: see if mblen exists
set mblen d_mblen
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_mblen.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setpwent.U,v $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: d_setpwent.U,v $
?RCS:
?MAKE:d_setpwent: Inlibc
?MAKE: -pick add $@ %<
?S:d_setpwent:
?S: This variable conditionally defines the HAS_SETPWENT symbol, which
?S: indicates to the C program that the setpwent() routine is available
?S: for initializing sequential access to the passwd database.
?S:.
?C:HAS_SETPWENT:
?C: This symbol, if defined, indicates that the setpwent routine is
?C: available for initializing sequential access of the passwd database.
?C:.
?H:#$d_setpwent HAS_SETPWENT  /**/
?H:.
?LINT:set d_setpwent
```

```
: see if setpwent exists
set setpwent d_setpwent
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_setpwent.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_fchown.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_fchown.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:01  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_fchown: Inlibc
?MAKE: -pick add $@ %<
?S:d_fchown:
?S: This variable conditionally defines the HAS_FCHOWN symbol, which
?S: indicates to the C program that the fchown() routine is available
?S: to change ownership of opened files.
?S:.
?C:HAS_FCHOWN (FCHOWN):
?C: This symbol, if defined, indicates that the fchown routine is available
?C: to
 change ownership of opened files.  If unavailable, use chown().
?C:.
?H:#$d_fchown HAS_FCHOWN  /**/
?H:.
?LINT:set d_fchown
: see if fchown exists
set fchown d_fchown
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_fchown.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_regex.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Sidney C. Smith <scsmith@cbda9.apgea.army.mil>
?RCS:
?RCS: $Log: i_regex.U,v $
?RCS: Revision 3.0.1.1  1995/01/30  14:35:45  ram
?RCS: patch49: created
?RCS:
?RCS:
?MAKE:i_regex: Inhdr
?MAKE: -pick add $@ %<
?S:i_regex:
?S: This variable conditionally defines the I_REGEX symbol, which
?S: indicates to the C program that <regex.h> exists and should
?S: be included.
?S:.
?C:I_REGEX:
?C: This symbol, if defined, indicates that <regex.h> exists
 and should
?C: be included.
?C:.
?H:#$i_regex I_REGEX /**/
?H:.
?LINT:set i_regex
: see if regex is available
set regex.h i_regex
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_regex.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: n.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: n.U,v $
?RCS: Revision 3.0  1993/08/18  12:09:19  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:n c: contains
?MAKE: -pick add $@ %<
?S:n:
?S: This variable contains the -n flag if that is what causes the echo
?S: command to suppress newline.  Otherwise it is null.  Correct usage is
?S:     $echo $n "prompt for a question: $c".
?S:.
?S:c:
?S: This variable contains the \c string if that is what causes the echo
?S: command to suppress newline.
  Otherwise it is null.  Correct usage is
?S:     $echo $n "prompt for a question: $c".
?S:.
: first determine how to suppress newline on echo command
echo " "
echo "Checking echo to see how to suppress newlines..."
(echo "hi there\c" ; echo " ") >.echotmp
if $contains c .echotmp >/dev/null 2>&1 ; then
 echo "...using -n."
 n='-n'
 c=''
else
 cat <<'EOM'
...using \c
EOM
 n=''
 c='\c'
fi
echo $n "The star should be here-->$c"
echo '*'
rm -f .echotmp
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/n.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getservbyname_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_getservbyname_r getservbyname_r_proto: Inlibc Protochk Hasproto \
 i_systypes usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_getservbyname_r:
?S: This variable conditionally defines the HAS_GETSERVBYNAME_R symbol,
?S: which indicates to the C program that the getservbyname_r()
?S: routine is available.
?S:.
?S:getservbyname_r_proto:
?S: This variable encodes the prototype of getservbyname_r.
?S: It is zero if d_getservbyname_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getservbyname_r
?S: is defined.
?S:.
?C:HAS_GETSERVBYNAME_R:
?C: This symbol, if defined, indicates
 that the getservbyname_r routine
?C: is available to getservbyname re-entrantly.
?C:.
?C:GETSERVBYNAME_R_PROTO:
?C: This symbol encodes the prototype of getservbyname_r.
?C: It is zero if d_getservbyname_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getservbyname_r
?C: is defined.
?C:.
?H:#$d_getservbyname_r HAS_GETSERVBYNAME_R /**/
?H:#define GETSERVBYNAME_R_PROTO $getservbyname_r_proto /**/
?H:.
?T:try hdrs d_getservbyname_r_proto
: see if getservbyname_r exists
set getservbyname_r d_getservbyname_r
eval $inlibc
case "$d_getservbyname_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
 case "$d_getservbyname_r_proto:$usethreads" in
 ":define") d_getservbyname_r_proto=define
  set d_getservbyname_r_proto getservbyname_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_getservbyname_r_proto" in
 define)
 case "$getservbyname_r_proto" in
 "|0) try='int getservbyname_r(const char*, const char*, struct servent*, char*,
```

```
 size_t, struct servent**);'
 ./protochk "$extern_C $try" $hdrs && getservbyname_r_proto=I_CCSBWR ;;
 esac
 case "$getservbyname_r_proto" in
"|0) try='struct servent* getservbyname_r(const char*, const char*, struct servent*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getservbyname_r_proto=S_CCSBI ;;
 esac
 case "$getservbyname_r_proto" in
"|0) try='int getservbyname_r(const char*, const char*, struct servent*, struct servent_data*);'
 ./protochk "$extern_C $try" $hdrs && getservbyname_r_proto=I_CCSD ;;
 esac
 case "$getservbyname_r_proto" in
"|0) d_getservbyname_r=undef
  getservbyname_r_proto=0
  echo "Disabling getservbyname_r, cannot determine prototype." >&4 ;;
* ) case "$getservbyname_r_proto" in
  REENTRANT_PROTO*) ;;
  *) getservbyname_r_proto="REENTRANT_PROTO_$getservbyname_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "getservbyname_r has no prototype, not using it." >&4 ;;
  esac
  d_getservbyname_r=undef
  getservbyname_r_proto=0
  ;;
 esac
 ;;
*) getservbyname_r_proto=0
 ;;
esac
```

Found
 in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getservbyname_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999-2016 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_PRIfldbl sPRIfldbl d_PRIgldbl d_PRIFUldbl sPRIGUldbl d_PRIEUldbl \
```

```
sPRIgldbl d_PRIeldbl sPRIeldbl sPRIFUldbl d_PRIGUldbl sPRIEUldbl \
d_SCNfldbl  d_double_style_vax d_double_style_ieee \
d_double_style_ibm d_double_style_cray d_double_has_subnormals \
d_double_has_inf d_double_has_nan d_double_has_negative_zero \
sSCNfldbl doublekind: \
d_longdbl longdblsize doublesize uselongdouble test echo cat rm_try \
Setvar Compile run i_stdlib osname gccversion ccflags
?MAKE: -pick add $@ %<
?S:doublekind:
?S: This variable, if defined, encodes the type of a double:
?S:  1 = IEEE 754 32-bit little endian,
?S:  2 = IEEE 754 32-bit big endian,
?S:  3 = IEEE 754 64-bit little endian,
?S:  4 = IEEE
 754 64-bit big endian,
?S:  5 = IEEE 754 128-bit little endian,
?S:  6 = IEEE 754 128-bit big endian,
?S:  7 = IEEE 754 64-bit mixed endian le-be,
?S:  8 = IEEE 754 64-bit mixed endian be-le,
?S:  9 = VAX 32bit little endian F float format
?S: 10 = VAX 64bit little endian D float format
?S: 11 = VAX 64bit little endian G float format
?S: 12 = IBM 32bit format
?S: 13 = IBM 64bit format
?S: 14 = Cray 64bit format
?S: -1 = unknown format.
?S:.
?S:d_PRIfldbl:
?S: This variable conditionally defines the PERL_PRIfldbl symbol, which
?S: indicates that stdio has a symbol to print long doubles.
?S:.
?S:d_PRIgldbl:
?S: This variable conditionally defines the PERL_PRIfldbl symbol, which
?S: indicates that stdio has a symbol to print long doubles.
?S:.
?S:d_PRIeldbl:
?S: This variable conditionally defines the PERL_PRIfldbl symbol, which
?S: indicates that stdio has a symbol to print long doubles.
?S:.
?S:d_PRIFUldbl:
?S: This variable conditionally defines the PERL_PRIfldbl symbol, which
?S: indicates
 that stdio has a symbol to print long doubles.
?S: The 'U' in the name is to separate this from d_PRIfldbl so that even
?S: case-blind systems can see the difference.
?S:.
?S:d_PRIGUldbl:
?S: This variable conditionally defines the PERL_PRIfldbl symbol, which
```

?S: indicates that stdio has a symbol to print long doubles.
?S: The 'U' in the name is to separate this from d_PRIgldbl so that even
?S: case-blind systems can see the difference.
?S:.
?S:d_PRIEUldbl:
?S: This variable conditionally defines the PERL_PRIfldbl symbol, which
?S: indicates that stdio has a symbol to print long doubles.
?S: The 'U' in the name is to separate this from d_PRIeldbl so that even
?S: case-blind systems can see the difference.
?S:.
?S:d_SCNfldbl:
?S: This variable conditionally defines the PERL_PRIfldbl symbol, which
?S: indicates that stdio has a symbol to scan long doubles.
?S:.
?S:sPRIfldbl:
?S: This variable, if defined, contains the string used by stdio to
?S: format long doubles (format 'f') for
 output.
?S:.
?S:sPRIgldbl:
?S: This variable, if defined, contains the string used by stdio to
?S: format long doubles (format 'g') for output.
?S:.
?S:sPRIeldbl:
?S: This variable, if defined, contains the string used by stdio to
?S: format long doubles (format 'e') for output.
?S:.
?S:sPRIFUldbl:
?S: This variable, if defined, contains the string used by stdio to
?S: format long doubles (format 'F') for output.
?S: The 'U' in the name is to separate this from sPRIfldbl so that even
?S: case-blind systems can see the difference.
?S:.
?S:sPRIGUldbl:
?S: This variable, if defined, contains the string used by stdio to
?S: format long doubles (format 'G') for output.
?S: The 'U' in the name is to separate this from sPRIgldbl so that even
?S: case-blind systems can see the difference.
?S:.
?S:sPRIEUldbl:
?S: This variable, if defined, contains the string used by stdio to
?S: format long doubles (format 'E') for output.
?S: The 'U' in the name is to separate this from sPRIeldbl so that even
?S: case-blind
 systems can see the difference.
?S:.
?S:sSCNfldbl:
?S: This variable, if defined, contains the string used by stdio to

?S: format long doubles (format 'f') for input.
?S:.
?S:d_double_has_inf:
?S: This variable conditionally defines the symbol DOUBLE_HAS_INF
?S: which indicates that the double type has an infinity.
?S:.
?S:d_double_has_nan:
?S: This variable conditionally defines the symbol DOUBLE_HAS_NAN
?S: which indicates that the double type has a not-a-number.
?S:.
?S:d_double_has_negative_zero:
?S: This variable conditionally defines the symbol DOUBLE_HAS_NEGATIVE_ZERO
?S: which indicates that the double type has a negative zero.
?S:.
?S:d_double_has_subnormals:
?S: This variable conditionally defines the symbol DOUBLE_HAS_SUBNORMALS
?S: which indicates that the double type has subnormals (denormals).
?S:.
?S:d_double_style_cray:
?S: This variable conditionally defines the symbol DOUBLE_STYLE_CRAY
?S: which indicates that the double is the 64-bit CRAY mainframe
format.
?S:.
?S:d_double_style_ibm:
?S: This variable conditionally defines the symbol DOUBLE_STYLE_IBM,
?S: which indicates that the double is the 64-bit IBM mainframe format.
?S:.
?S:d_double_style_ieee:
?S: This variable conditionally defines the symbol DOUBLE_STYLE_IEEE,
?S: which indicates that the double is the 64-bit IEEE 754.
?S:.
?S:d_double_style_vax:
?S: This variable conditionally defines the symbol DOUBLE_STYLE_VAX,
?S: which indicates that the double is the 64-bit VAX format D or G.
?S:.
?C:PERL_PRIfldbl:
?C: This symbol, if defined, contains the string used by stdio to
?C: format long doubles (format 'f') for output.
?C:.
?C:PERL_PRIgldbl:
?C: This symbol, if defined, contains the string used by stdio to
?C: format long doubles (format 'g') for output.
?C:.
?C:PERL_PRIeldbl:
?C: This symbol, if defined, contains the string used by stdio to
?C: format long doubles (format 'e') for output.
?C:.
?C:PERL_PRIFldbl:

?C: This symbol, if defined, contains the string used by stdio
 to
?C: format long doubles (format 'f') for output.
?C:.
?C:PERL_PRIGldbl:
?C: This symbol, if defined, contains the string used by stdio to
?C: format long doubles (format 'g') for output.
?C:.
?C:PERL_PRIEldbl:
?C: This symbol, if defined, contains the string used by stdio to
?C: format long doubles (format 'e') for output.
?C:.
?C:PERL_SCNfldbl:
?C: This symbol, if defined, contains the string used by stdio to
?C: format long doubles (format 'f') for input.
?C:.
?C:DOUBLEKIND:
?C: DOUBLEKIND will be one of
?C: DOUBLE_IS_IEEE_754_32_BIT_LITTLE_ENDIAN
?C: DOUBLE_IS_IEEE_754_32_BIT_BIG_ENDIAN
?C: DOUBLE_IS_IEEE_754_64_BIT_LITTLE_ENDIAN
?C: DOUBLE_IS_IEEE_754_64_BIT_BIG_ENDIAN
?C: DOUBLE_IS_IEEE_754_128_BIT_LITTLE_ENDIAN
?C: DOUBLE_IS_IEEE_754_128_BIT_BIG_ENDIAN
?C: DOUBLE_IS_IEEE_754_64_BIT_MIXED_ENDIAN_LE_BE
?C: DOUBLE_IS_IEEE_754_64_BIT_MIXED_ENDIAN_BE_LE
?C: DOUBLE_IS_VAX_F_FLOAT
?C: DOUBLE_IS_VAX_D_FLOAT
?C: DOUBLE_IS_VAX_G_FLOAT
?C: DOUBLE_IS_IBM_SINGLE_32_BIT
?C: DOUBLE_IS_IBM_DOUBLE_64_BIT
?C: DOUBLE_IS_CRAY_SINGLE_64_BIT
?C: DOUBLE_IS_UNKNOWN_FORMAT
?C:.
?C:DOUBLE_HAS_INF:
?C: This
 symbol, if defined, indicates that the double has
?C: the infinity.
?C:.
?C:DOUBLE_HAS_NAN:
?C: This symbol, if defined, indicates that the double has
?C: the not-a-number.
?C:.
?C:DOUBLE_HAS_NEGATIVE_ZERO:
?C: This symbol, if defined, indicates that the double has
?C: the negative_zero.
?C:.
?C:DOUBLE_HAS_SUBNORMALS:

```
?C: This symbol, if defined, indicates that the double has
?C: the subnormals (denormals).
?C:.
?C:DOUBLE_STYLE_CRAY:
?C: This symbol, if defined, indicates that the double is
?C: the 64-bit CRAY mainframe format.
?C:.
?C:DOUBLE_STYLE_IBM:
?C: This symbol, if defined, indicates that the double is
?C: the 64-bit IBM mainframe format.
?C:.
?C:DOUBLE_STYLE_IEEE:
?C: This symbol, if defined, indicates that the double is
?C: the 64-bit IEEE 754.
?C:.
?C:DOUBLE_STYLE_VAX:
?C: This symbol, if defined, indicates that the double is
?C: the 64-bit VAX format D or G.
?C:.
?LINT:known
 DOUBLE_IS_IEEE_754_32_BIT_LITTLE_ENDIAN
?LINT:known DOUBLE_IS_IEEE_754_32_BIT_BIG_ENDIAN
?LINT:known DOUBLE_IS_IEEE_754_64_BIT_LITTLE_ENDIAN
?LINT:known DOUBLE_IS_IEEE_754_64_BIT_BIG_ENDIAN
?LINT:known DOUBLE_IS_IEEE_754_128_BIT_LITTLE_ENDIAN
?LINT:known DOUBLE_IS_IEEE_754_128_BIT_BIG_ENDIAN
?LINT:known DOUBLE_IS_IEEE_754_64_BIT_MIXED_ENDIAN_LE_BE
?LINT:known DOUBLE_IS_IEEE_754_64_BIT_MIXED_ENDIAN_BE_LE
?LINT:known DOUBLE_IS_VAX_F_FLOAT
?LINT:known DOUBLE_IS_VAX_D_FLOAT
?LINT:known DOUBLE_IS_VAX_G_FLOAT
?LINT:known DOUBLE_IS_IBM_SINGLE_32_BIT
?LINT:known DOUBLE_IS_IBM_DOUBLE_64_BIT
?LINT:known DOUBLE_IS_CRAY_SINGLE_64_BIT
?LINT:known DOUBLE_IS_UNKNOWN_FORMAT
?H:#define DOUBLEKIND $doublekind  /**/
?H:?DOUBLEKIND:#define DOUBLE_IS_IEEE_754_32_BIT_LITTLE_ENDIAN 1
?H:?DOUBLEKIND:#define DOUBLE_IS_IEEE_754_32_BIT_BIG_ENDIAN 2
?H:?DOUBLEKIND:#define DOUBLE_IS_IEEE_754_64_BIT_LITTLE_ENDIAN 3
?H:?DOUBLEKIND:#define DOUBLE_IS_IEEE_754_64_BIT_BIG_ENDIAN 4
?H:?DOUBLEKIND:#define DOUBLE_IS_IEEE_754_128_BIT_LITTLE_ENDIAN 5
?H:?DOUBLEKIND:#define
 DOUBLE_IS_IEEE_754_128_BIT_BIG_ENDIAN 6
?H:?DOUBLEKIND:#define DOUBLE_IS_IEEE_754_64_BIT_MIXED_ENDIAN_LE_BE 7
?H:?DOUBLEKIND:#define DOUBLE_IS_IEEE_754_64_BIT_MIXED_ENDIAN_BE_LE 8
?H:?DOUBLEKIND:#define DOUBLE_IS_VAX_F_FLOAT 9
?H:?DOUBLEKIND:#define DOUBLE_IS_VAX_D_FLOAT 10
?H:?DOUBLEKIND:#define DOUBLE_IS_VAX_G_FLOAT 11
```

```
?H:?DOUBLEKIND:#define DOUBLE_IS_IBM_SINGLE_32_BIT 12
?H:?DOUBLEKIND:#define DOUBLE_IS_IBM_DOUBLE_64_BIT 13
?H:?DOUBLEKIND:#define DOUBLE_IS_CRAY_SINGLE_64_BIT 14
?H:?DOUBLEKIND:#define DOUBLE_IS_UNKNOWN_FORMAT  -1
?H:#$d_PRIfldbl PERL_PRIfldbl $sPRIfldbl /**/
?H:#$d_PRIgldbl PERL_PRIgldbl $sPRIgldbl /**/
?H:#$d_PRIeldbl PERL_PRIeldbl $sPRIeldbl /**/
?H:#$d_PRIFUldbl PERL_PRIFldbl $sPRIFUldbl /**/
?H:#$d_PRIGUldbl PERL_PRIGldbl $sPRIGUldbl /**/
?H:#$d_PRIEUldbl PERL_PRIEldbl $sPRIEUldbl /**/
?H:#$d_SCNfldbl PERL_SCNfldbl $sSCNfldbl /**/
?H:#$d_double_has_inf DOUBLE_HAS_INF
?H:#$d_double_has_nan DOUBLE_HAS_NAN
?H:#$d_double_has_negative_zero
 DOUBLE_HAS_NEGATIVE_ZERO
?H:#$d_double_has_subnormals DOUBLE_HAS_SUBNORMALS
?H:#$d_double_style_cray DOUBLE_STYLE_CRAY
?H:#$d_double_style_ibm DOUBLE_STYLE_IBM
?H:#$d_double_style_ieee DOUBLE_STYLE_IEEE
?H:#$d_double_style_vax DOUBLE_STYLE_VAX
?H:.
?T:yyy message saveccflags
?F:!try
?LINT:change ccflags
?LINT:change uselongdouble
: Check what kind of doubles your system has
$echo "Checking the kind of doubles you have..." >&4
$cat >try.c <<EOP
#$i_stdlib I_STDLIB
#define DOUBLESIZE $doublesize
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#include <stdio.h>
static const double d = -0.1;
int main() {
 unsigned const char* b = (unsigned const char*)(&d);
#if DOUBLESIZE == 4
 if (b[0] == 0xCD && b[3] == 0xBD) {
   /* IEEE 754 32-bit little-endian */
   printf("1\n");
   exit(0);
 }
 if (b[0] == 0xBD && b[3] == 0xCD) {
   /* IEEE 754 32-bit big-endian */
   printf("2\n");
   exit(0);
 }
```

```
 if (b[0] == 0xCC && b[3] == 0xCC) {
   /* VAX format F, 32-bit
 PDP-style mixed endian. */
   printf("9\n");
   exit(0);
 }
 if (b[0] == 0xC0 && b[3] == 0x9A) {
   /* IBM single 32-bit */
   printf("12\n");
   exit(0);
 }
#endif
#if DOUBLESIZE == 8
 if (b[0] == 0x9A && b[7] == 0xBF) {
   /* IEEE 754 64-bit little-endian */
   printf("3\n");
   exit(0);
 }
 if (b[0] == 0xBF && b[7] == 0x9A) {
   /* IEEE 754 64-bit big-endian */
   printf("4\n");
   exit(0);
 }
 if (b[0] == 0x99 && b[3] == 0xBF && b[4] == 0x9A && b[7] == 0x99) {
  /* ARM mixed endian: two little-endian 32-bit floats, in big endian order:
   * 4 5 6 7 0 1 2 3 (MSB = 7, LSB = 0)
   * 99 99 b9 bf 9a 99 99 99 */
   printf("7\n");
   exit(0);
 }
 if (b[0] == 0x99 && b[3] == 0x9A && b[4] == 0xBF && b[7] == 0x99) {
  /* The opposite of case 7, mixed endian: two big-endian 32-bit floats,
   * in little endian order: 3 2 1 0 7 6 5 4 (MSB = 7, LSB = 0)
   * 99 99 99 9a bf b9 99 99 */
   printf("8\n");
   exit(0);
 }
 if (b[0] == 0xCC && b[7] == 0xCC) {
  /* VAX
 format D, 64-bit PDP-style mixed endian. */
   printf("10\n");
   exit(0);
 }
 if (b[0] == 0xD9 && b[7] == 0x99) {
  /* VAX format G, 64-bit PDP-style mixed endian. */
   printf("11\n");
   exit(0);
 }
```

```
 if (b[0] == 0xC0 && b[7] == 0x9A) {
   /* IBM double 64-bit */
   printf("13\n");
   exit(0);
 }
 if (b[0] == 0xBF && b[7] == 0xCD) {
   /* CRAY single 64-bit */
   printf("14\n");
   exit(0);
 }
#endif
#if DOUBLESIZE == 16
 if (b[0] == 0x9A && b[15] == 0xBF) {
   /* IEEE 754 128-bit little-endian */
   printf("5\n");
   exit(0);
 }
 if (b[0] == 0xBF && b[15] == 0x9A) {
   /* IEEE 754 128-bit big-endian */
   printf("6\n");
   exit(0);
 }
#endif
 /* Then there are old mainframe/miniframe formats like IBM and CRAY.
  * Whether those environments can still build Perl is debatable. */
 printf("-1\n"); /* unknown */
 exit(0);
}
EOP
set try
if eval $compile; then
   doublekind=`$run ./try`
else
   doublekind=-1
fi
case "$doublekind" in
1) echo "You have IEEE
 754 32-bit little endian doubles." >&4 ;;
2) echo "You have IEEE 754 32-bit big endian doubles." >&4 ;;
3) echo "You have IEEE 754 64-bit little endian doubles." >&4 ;;
4) echo "You have IEEE 754 64-bit big endian doubles." >&4 ;;
5) echo "You have IEEE 754 128-bit little endian doubles." >&4 ;;
6) echo "You have IEEE 754 128-bit big endian doubles." >&4 ;;
7) echo "You have IEEE 754 64-bit mixed endian doubles (32-bit LEs in BE)." >&4 ;;
8) echo "You have IEEE 754 64-bit mixed endian doubles (32-bit BEs in LE)." >&4 ;;
9) echo "You have VAX format F 32-bit PDP-style mixed endian doubles." >&4 ;;
10) echo "You have VAX format D 64-bit PDP-style mixed endian doubles." >&4 ;;
11) echo "You have VAX format G 64-bit PDP-style mixed endian doubles." >&4 ;;
```

```
12) echo "You have IBM short 32-bit doubles." >&4 ;;
13) echo "You have IBM long 64-bit doubles." >&4 ;;
14) echo "You have Cray single 64-bit doubles." >&4 ;;
*) echo "Cannot figure out your double.  You Cyber, or something?" >&4 ;;
esac
d_double_style_ieee=$undef
d_double_style_vax=$undef
d_double_style_ibm=$undef
d_double_style_cray=$undef
case
 "$doublekind" in
1|2|3|4|5|6|7|8) d_double_style_ieee=$define ;;
9|10|11) d_double_style_vax=$define ;;
12|13) d_double_style_ibm=$define ;;
14) d_double_style_cray=$define ;;
esac
case "$d_double_style_ieee" in
$define)
   d_double_has_inf=$define
   d_double_has_nan=$define
   d_double_has_negative_zero=$define
   d_double_has_subnormals=$define
   ;;
*)
   d_double_has_inf=$undef
   d_double_has_nan=$undef
   d_double_has_negative_zero=$undef
   d_double_has_subnormals=$undef
   ;;
esac
$rm_try

: Check print/scan long double stuff
echo " "

if $test X"$d_longdbl" = X"$define"; then

echo "Checking how to print long doubles..." >&4

if $test X"$sPRIfldbl" = X -a X"$doublesize" = X"$longdblsize"; then
 $cat >try.c <<'EOCP'
#include <sys/types.h>
#include <stdio.h>
int main() {
 double d = 123.456;
 printf("%.3f\n", d);
}
EOCP
```

```
 set try
 if eval $compile; then
  yyy=`$run
 ./try`
  case "$yyy" in
  123.456)
   sPRIfldbl="'f'"; sPRIgldbl="'g'"; sPRIeldbl="'e'";
   sPRIFUldbl="'F'"; sPRIGUldbl="'G'"; sPRIEUldbl="'E'";
   echo "We will use %f."
   ;;
  esac
 fi
fi

if $test X"$sPRIfldbl" = X; then
 $cat >try.c <<'EOCP'
#include <sys/types.h>
#include <stdio.h>
int main() {
 long double d = 123.456;
 printf("%.3Lf\n", d);
}
EOCP
 set try
 if eval $compile; then
  yyy=`$run ./try`
  case "$yyy" in
  123.456)
   sPRIfldbl="'Lf'"; sPRIgldbl="'Lg'"; sPRIeldbl="'Le'";
   sPRIFUldbl="'LF'"; sPRIGUldbl="'LG'"; sPRIEUldbl="'LE'";
   echo "We will use %Lf."
   ;;
  esac
 fi
fi

if $test X"$sPRIfldbl" = X; then
 $cat >try.c <<'EOCP'
#include <sys/types.h>
#include <stdio.h>
int main() {
 long double d = 123.456;
 printf("%.3llf\n", d);
}
EOCP
 set try
 if eval $compile; then
  yyy=`$run ./try`
```

```
  case "$yyy" in
  123.456)
   sPRIfldbl="'llf'"; sPRIgldbl="'llg'"; sPRIeldbl="'lle'";
   sPRIFUldbl="'llF'"; sPRIGUldbl="'llG'"; sPRIEUldbl="'llE'";
   echo "We
 will use %llf."
   ;;
  esac
 fi
fi

if $test X"$sPRIfldbl" = X; then
 $cat >try.c <<'EOCP'
#include <sys/types.h>
#include <stdio.h>
int main() {
 long double d = 123.456;
 printf("%.3lf\n", d);
}
EOCP
 set try
 if eval $compile; then
  yyy=`$run ./try`
  case "$yyy" in
  123.456)
   sPRIfldbl="'lf'"; sPRIgldbl="'lg'"; sPRIeldbl="'le'";
   sPRIFUldbl="'lF'"; sPRIGUldbl="'lG'"; sPRIEUldbl="'lE'";
   echo "We will use %lf."
   ;;
  esac
 fi
fi

if $test X"$sPRIfldbl" = X; then
 echo "Cannot figure out how to print long doubles." >&4
else
 sSCNfldbl=$sPRIfldbl # expect consistency
fi

$rm_try

fi # d_longdbl

case "$sPRIfldbl" in
") d_PRIfldbl="$undef"; d_PRIgldbl="$undef"; d_PRIeldbl="$undef";
 d_PRIFUldbl="$undef"; d_PRIGUldbl="$undef"; d_PRIEUldbl="$undef";
 d_SCNfldbl="$undef";
 ;;
```

```
*) d_PRIfldbl="$define"; d_PRIgldbl="$define"; d_PRIeldbl="$define";
 d_PRIFUldbl="$define"; d_PRIGUldbl="$define"; d_PRIEUldbl="$define";
 d_SCNfldbl="$define";
 ;;
esac

: Before committing on uselongdouble,
 see whether that looks sane.
if $test "$uselongdouble" = "$define"; then
   message=""
   echo " "
   echo "Checking if your long double math functions work right..." >&4
   $cat > try.c <<EOF
#include <math.h>
#include <stdio.h>
int main() {
 printf("%"$sPRIgldbl"\n", sqrtl(logl(expl(cosl(sinl(0.0L))))+powl(2.0L, 3.0L)));
}
EOF
   case "$osname:$gccversion" in
   aix:) saveccflags="$ccflags"
  ccflags="$ccflags -qlongdouble" ;; # to avoid core dump
   esac
   set try
   if eval $compile_ok; then
     yyy=`$run ./try`
   fi
   case "$yyy" in
   3) echo "Your long double math functions are working correctly." >&4 ;;
   *) echo "Your long double math functions are broken, not using long doubles." >&4
      uselongdouble=$undef
      ;;
   esac
   $rm_try
   case "$osname:$gccversion" in
   aix:) ccflags="$saveccflags" ;; # restore
   esac
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/longdblfio.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: vaproto.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Orginal Author: Graham Stoney <greyham@research.canon.oz.au>
?RCS:
?RCS: $Log: vaproto.U,v $
?RCS: Revision 3.0.1.1  1994/01/24  14:17:16  ram
?RCS: patch16: definition of _V now appears only when needed
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:59  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:vaproto: prototype i_stdarg Setvar
?MAKE: -pick add $@ %<
?S:vaproto:
?S: This variable conditionally defines CAN_VAPROTO on systems supporting
?S: prototype
 declaration of functions with a variable number of
?S: arguments. See also prototype.
?S:.
?C:CAN_VAPROTO ~ %<:
?C: This variable is defined on systems supporting prototype declaration
?C: of functions with a variable number of arguments.
?C:.
?C:_V:
?C: This macro is used to declare function parameters in prototypes for
?C: functions with a variable number of parameters. Use double parentheses.
?C: For example:
?C:
?C:  int printf _V((char *fmt, ...));
?C:
?C: Remember to use the plain simple _() macro when declaring a function
?C: with no variable number of arguments, since it might be possible to
?C: have a non-effect _V() macro and still get prototypes via _().
?C:.
?H:?%<:#$vaproto CAN_VAPROTO /**/
?H:?_V:#ifdef CAN_VAPROTO
?H:?_V:#define _V(args) args
?H:?_V:#else
?H:?_V:#define _V(args) ()
?H:?_V:#endif
?H:.
?W:%<:_V
?LINT:set vaproto
: see if prototypes support variable argument declarations
```

```
echo " "
case "$prototype$i_stdarg" in
$define$define)
 echo "It appears we'll
 be able to prototype varargs functions." >&4
 val="$define"
 ;;
*)
 echo "Too bad... We won't be using prototyped varargs functions..." >&4
 val="$undef"
 ;;
esac
set vaproto
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/vaproto.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_quad quadtype uquadtype quadkind: \
 longsize intsize d_longlong longlongsize d_int64_t \
 Inhdr Setvar
?MAKE: -pick add $@ %<
?S:d_quad:
?S: This variable, if defined, tells that there's a 64-bit integer type,
?S: quadtype.
?S:.
?S:quadtype:
?S: This variable defines Quad_t to be something like long, int,
?S: long long, int64_t, or whatever type is used for 64-bit integers.
?S:.
?S:quadkind:
?S: This variable, if defined, encodes the type of a quad:
?S: 1 = int, 2 = long, 3 = long long, 4 = int64_t.
?S:.
?S:uquadtype:
?S: This variable defines Uquad_t to be something like unsigned long,
?S: unsigned int, unsigned long long, uint64_t, or whatever type is
?S: used for 64-bit integers.
?S:.
```

```
?C:HAS_QUAD:
?C: This
 symbol, if defined, tells that there's a 64-bit integer type,
?C: Quad_t, and its unsigned counterpart, Uquad_t. QUADKIND will be one
?C: of QUAD_IS_INT, QUAD_IS_LONG, QUAD_IS_LONG_LONG, QUAD_IS_INT64_T,
?C: or QUAD_IS___INT64.
?C:.
?H:#$d_quad HAS_QUAD /**/
?H:?%<:#ifdef HAS_QUAD
?H:?%<:#   define Quad_t $quadtype /**/
?H:?%<:#   define Uquad_t $uquadtype /**/
?H:?%<:#   define QUADKIND $quadkind /**/
?H:?%<:#   define QUAD_IS_INT 1
?H:?%<:#   define QUAD_IS_LONG 2
?H:?%<:#   define QUAD_IS_LONG_LONG 3
?H:?%<:#   define QUAD_IS_INT64_T 4
?H:?%<:#   define QUAD_IS___INT64 5
?H:?%<:#endif
?H:.
?LINT:set quadtype
?LINT:set uquadtype
: Check if 64bit ints have a quad type
echo " "
echo "Checking which 64-bit integer type we could use..." >&4
?X: We prefer quad types in order of int, long, long long, int64_t.

case "$intsize" in
8) val=int
  set quadtype
  eval $setvar
  val='"unsigned int"'
  set uquadtype
  eval $setvar
  quadkind=1
  ;;
*) case "$longsize" in
  8)
 val=long
    set quadtype
    eval $setvar
    val='"unsigned long"'
    set uquadtype
    eval $setvar
    quadkind=2
    ;;
  *) case "$d_longlong:$longlongsize" in
    define:8)
      val='"long long"'
```

```
      set quadtype
      eval $setvar
      val="'unsigned long long'"
      set uquadtype
      eval $setvar
      quadkind=3
      ;;
    *) case "$d_int64_t" in
       define)
         val=int64_t
         set quadtype
         eval $setvar
         val=uint64_t
         set uquadtype
         eval $setvar
         quadkind=4
         ;;
       esac
       ;;
    esac
    ;;
  esac
  ;;
esac

case "$quadtype" in
") echo "Alas, no 64-bit integer types in sight." >&4
 d_quad="$undef"
 ;;
*) echo "We could use '$quadtype' for 64-bit integers." >&4
 d_quad="$define"
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/a_dvisory/quadtype.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getgrnam_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_getgrnam_r getgrnam_r_proto: Inlibc Protochk Hasproto i_systypes \
```

```
 usethreads i_grp extern_C
?MAKE: -pick add $@ %<
?S:d_getgrnam_r:
?S: This variable conditionally defines the HAS_GETGRNAM_R symbol,
?S: which indicates to the C program that the getgrnam_r()
?S: routine is available.
?S:.
?S:getgrnam_r_proto:
?S: This variable encodes the prototype of getgrnam_r.
?S: It is zero if d_getgrnam_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getgrnam_r
?S: is defined.
?S:.
?C:HAS_GETGRNAM_R:
?C: This symbol, if defined, indicates that the getgrnam_r routine
?C: is available to
 getgrnam re-entrantly.
?C:.
?C:GETGRNAM_R_PROTO:
?C: This symbol encodes the prototype of getgrnam_r.
?C: It is zero if d_getgrnam_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getgrnam_r
?C: is defined.
?C:.
?H:#$d_getgrnam_r HAS_GETGRNAM_R /**/
?H:#define GETGRNAM_R_PROTO $getgrnam_r_proto /**/
?H:.
?T:try hdrs d_getgrnam_r_proto
: see if getgrnam_r exists
set getgrnam_r d_getgrnam_r
eval $inlibc
case "$d_getgrnam_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_grp grp.h"
 case "$d_getgrnam_r_proto:$usethreads" in
 ":define") d_getgrnam_r_proto=define
  set d_getgrnam_r_proto getgrnam_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_getgrnam_r_proto" in
 define)
 case "$getgrnam_r_proto" in
 "|0) try='int getgrnam_r(const char*, struct group*, char*, size_t, struct group**);'
 ./protochk "$extern_C $try" $hdrs && getgrnam_r_proto=I_CSBWR ;;
 esac
 case "$getgrnam_r_proto" in
 "|0) try='int getgrnam_r(const char*, struct group*, char*,
```

```
 int, struct group**);'
 ./protochk "$extern_C $try" $hdrs && getgrnam_r_proto=I_CSBIR ;;
 esac
 case "$getgrnam_r_proto" in
 "|0) try='struct group* getgrnam_r(const char*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getgrnam_r_proto=S_CBI ;;
 esac
 case "$getgrnam_r_proto" in
 "|0) try='int getgrnam_r(const char*, struct group*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getgrnam_r_proto=I_CSBI ;;
 esac
 case "$getgrnam_r_proto" in
 "|0) try='struct group* getgrnam_r(const char*, struct group*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getgrnam_r_proto=S_CSBI ;;
 esac
 case "$getgrnam_r_proto" in
 "|0) d_getgrnam_r=undef
  getgrnam_r_proto=0
  echo "Disabling getgrnam_r, cannot determine prototype." >&4 ;;
 * ) case "$getgrnam_r_proto" in
  REENTRANT_PROTO*) ;;
  *) getgrnam_r_proto="REENTRANT_PROTO_$getgrnam_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "getgrnam_r has no prototype, not using it."
 >&4 ;;
  esac
  d_getgrnam_r=undef
  getgrnam_r_proto=0
  ;;
 esac
 ;;
*) getgrnam_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getgrnam_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_mkstemps: Inlibc
?MAKE: -pick add $@ %<
?S:d_mkstemps:
?S: This variable conditionally defines the HAS_MKSTEMPS symbol, which
?S: indicates to the C program that the mkstemps() routine is available
?S: to exclusively create and open a uniquely named (with a suffix)
?S: temporary file.
?S:.
?C:HAS_MKSTEMPS :
?C: This symbol, if defined, indicates that the mkstemps routine is
?C: available to exclusively create and open a uniquely named
?C: (with a suffix) temporary file.
?C:.
?H:#$d_mkstemps HAS_MKSTEMPS  /**/
?H:.
?LINT:set d_mkstemps
: see if mkstemps exists
set mkstemps d_mkstemps
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_mkstemps.U
No license file was found, but licenses were detected in source scan.

```
/*
* $Id: setsid.C,v 3.0.1.1 1994/01/24 13:58:47 ram Exp ram $
*
*  Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
*
*  You may redistribute only under the terms of the Artistic Licence,
*  as specified in the README file that comes with the distribution.
*  You may reuse parts of this distribution only within the terms of
*  that same Artistic Licence; a copy of which may be found at the root
*  of the source tree for dist 4.0.
*
* $Log: setsid.C,v $
* Revision 3.0.1.1  1994/01/24  13:58:47  ram
* patch16: created
*
*/
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/C/fake/setsid.C

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_nice.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_nice.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:09:48  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_nice: Inlibc
?MAKE: -pick add $@ %<
?S:d_nice:
?S: This variable conditionally defines the HAS_NICE symbol, which
?S: indicates to the C program that the nice() routine is available.
?S:.
?C:HAS_NICE :
?C: This symbol, if defined, indicates that the nice routine is
?C: available.
?C:.
?H:#$d_nice
 HAS_NICE  /**/
?H:.
?LINT:set d_nice
: see if nice exists
set nice d_nice
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_nice.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_sighold.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_sighold.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:21  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_sighold: Inlibc
?MAKE: -pick add $@ %<
?S:d_sighold:
?S: This variable conditionally defines HAS_SIGHOLD if sighold() is
?S: available to hold signals.
?S:.
?C:HAS_SIGHOLD:
?C: This symbol, if defined, indicates that the sighold routine is
?C: available to hold signals.
?C:.
?H:#$d_sighold HAS_SIGHOLD /**/
?H:.
?LINT:set d_sighold
:
 see if sighold exists
set sighold d_sighold
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_sighold.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_fsync: Inlibc
?MAKE: -pick add $@ %<
?S:d_fsync:
?S: This variable conditionally defines the HAS_FSYNC symbol, which
?S: indicates to the C program that the fsync() routine is available.
?S:.
?C:HAS_FSYNC:
?C: This symbol, if defined, indicates that the fsync routine is
?C: available to write a file's modified data and attributes to
?C: permanent storage.
?C:.
```

```
?H:#$d_fsync HAS_FSYNC  /**/
?H:.
?LINT:set d_fsync
: see if fsync exists
set fsync d_fsync
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fsync.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_strtol.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_strtol.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:39  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_strtol: Inlibc
?MAKE: -pick add $@ %<
?S:d_strtol:
?S: This variable conditionally defines the HAS_STRTOL symbol, which
?S: indicates to the C program that the strtol() routine is available
?S: to provide better numeric string conversion than atoi() and friends.
?S:.
?C:HAS_STRTOL (STRTOL):
?C: This symbol, if defined, indicates that
 the strtol routine is available
?C: to provide better numeric string conversion than atoi() and friends.
?C:.
?H:#$d_strtol HAS_STRTOL /**/
?H:.
?LINT:set d_strtol
: see if strtol exists
set strtol d_strtol
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strtol.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_htonl.U,v $
?RCS: Revision 3.0.1.2  1994/08/29  16:09:25  ram
?RCS: patch32: now properly handles htonl() and friends when macros (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/05/06  14:45:00  ram
?RCS: patch23: now also check for htonl() macro (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:06:22  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_htonl: Inlibc Setvar i_niin i_sysin cat rm contains \
 cppstdin cppflags cppminus
?MAKE: -pick add $@ %<
?S:d_htonl:
?S: This variable conditionally
 defines HAS_HTONL if htonl() and its
?S: friends are available to do network order byte swapping.
?S:.
?C:HAS_HTONL (HTONL):
?C: This symbol, if defined, indicates that the htonl() routine (and
?C: friends htons() ntohl() ntohs()) are available to do network
?C: order byte swapping.
?C:.
?C:HAS_HTONS (HTONS):
?C: This symbol, if defined, indicates that the htons() routine (and
?C: friends htonl() ntohl() ntohs()) are available to do network
?C: order byte swapping.
?C:.
?C:HAS_NTOHL (NTOHL):
?C: This symbol, if defined, indicates that the ntohl() routine (and
?C: friends htonl() htons() ntohs()) are available to do network
?C: order byte swapping.
?C:.
?C:HAS_NTOHS (NTOHS):
?C: This symbol, if defined, indicates that the ntohs() routine (and
?C: friends htonl() htons() ntohl()) are available to do network
```

```
?C: order byte swapping.
?C:.
?H:#$d_htonl HAS_HTONL  /**/
?H:#$d_htonl HAS_HTONS  /**/
?H:#$d_htonl HAS_NTOHL  /**/
?H:#$d_htonl HAS_NTOHS  /**/
?H:.
?F:!htonl.c
?LINT:set d_htonl
:
 see if htonl --and friends-- exists
val=''
set htonl val
eval $inlibc

: Maybe they are macros.
case "$val" in
$undef)
 $cat >htonl.c <<EOM
#include <stdio.h>
#include <sys/types.h>
#$i_niin I_NETINET_IN
#$i_sysin I_SYS_IN
#ifdef I_NETINET_IN
#include <netinet/in.h>
#endif
#ifdef I_SYS_IN
#include <sys/in.h>
#endif
#ifdef htonl
printf("Defined as a macro.");
#endif
EOM
 $cppstdin $cppflags $cppminus < htonl.c >htonl.E 2>/dev/null
 if $contains 'Defined as a macro' htonl.E >/dev/null 2>&1; then
  val="$define"
  echo "But it seems to be defined as a macro." >&4
 fi
 $rm -f htonl.?
 ;;
esac
set d_htonl
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_htonl.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2016 H.Merijn Brand & Todd Rinaldo
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:default_inc_excludes_dot: Myread cat
?MAKE: -pick add $@ %<
?S:default_inc_excludes_dot:
?S: When defined, remove the legacy '.' from @INC
?S:.
?C:DEFAULT_INC_EXCLUDES_DOT:
?C: This symbol, if defined, removes the legacy default behavior of
?C: including '.' at the end of @INC.
?C:.
?H:#$default_inc_excludes_dot DEFAULT_INC_EXCLUDES_DOT /**/
?H:.
: Include . in @INC
$cat <<EOM

Historically Perl has provided a final fallback of the current working
directory '.' when searching for a library. This, however, can lead to
problems when a Perl program which loads optional modules is called from
a shared directory. This can lead to executing unexpected code.

EOM

# When changing to exclude by
 default:
case "$default_inc_excludes_dot" in
   $undef|false|[nN]*) dflt="n" ;;
   *)                  dflt="y" ;;
esac
# To turn exclude off by default:
#case "$default_inc_excludes_dot" in
#    $define|true|[yY]*) dflt="y" ;;
#    *)                  dflt="n" ;;
#esac

rp='Exclude '.' from @INC by default? '
. ./myread
case "$ans" in
   [nN]|undef) default_inc_excludes_dot="$undef"  ;;
   *)          default_inc_excludes_dot="$define" ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/defaultincdot.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: errnolist.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  15:48:01  ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS: patch61: likewise for .o replaced by $_o
?RCS:
?RCS: Revision 3.0.1.1  1994/01/24  14:10:54  ram
?RCS: patch16: created
?RCS:
?MAKE:errnolist errnolist_SH errnolist_a errnolist_c errnolist_o: cat +cc \
 +ccflags +libs +d_sysernlst _a _o
?MAKE: -pick add $@ %<
?S:errnolist:
?S: This variable holds the base name of a file containing the
?S: definition of the sys_errnolist
 array, if the C library
?S: doesn't provide it already.  Otherwise, its value is empty.
?S: The following lines should be included in your Makefile.SH:
?S:
?S:  case "$errnolist" in
?S:  ") ;;
?S:  *)
?S:   $spitshell >>Makefile <<!GROK!THIS!
?S:  $errnolist_c: $errnolist_SH $errnolist_a
?S:   sh ./$errnolist_SH
?S:
?S:  !GROK!THIS!
?S:   ;;
?S:  esac
?S:
?S: You may define the 'errnolist' variable in your Myinit.U if you
?S: wish to override its default value "errnolist".
?S:.
```

```
?S:errnolist_SH:
?S: This is the name of a file which will generate errnolistc.
?S:.
?S:errnolist_a:
?S: This is the name of the awk script called by errnolist_SH.
?S:.
?S:errnolist_c:
?S: This is the name of a generated C file which provides the
?S: definition of the sys_errnolist array.
?S:.
?S:errnolist_o:
?S: This is the name of the object file which provides the
?S: definition of the sys_errnolist array, if the C library
?S: doesn't provide it already.  Otherwise, its value is empty.
?S:.
?INIT:errnolist=errnolist
:
 check for sys_errnolist
@if d_sysernlst || HAS_SYS_ERRNOLIST
case "$d_sysernlst" in
"$define")
   errnolist=''
   errnolist_SH=''
   errnolist_a=''
   errnolist_c=''
   errnolist_o=''
 ;;
*)
 echo " "
 echo "I'll make sure your Makefile provides sys_errnolist in $errnolist.c"
   errnolist_SH=$errnolist.SH
   errnolist_a=$errnolist$_a
   errnolist_c=$errnolist.c
   errnolist_o=$errnolist$_o
 ;;
esac
@else
echo " "
$cat <<EOM
Checking to see if your C library provides us with sys_errnolist[]...
EOM
$cat >errnolist.c <<'EOCP'
extern char *sys_errnolist[];
int main() {
   char *p0 = sys_errnolist[0];
   char *p1 = sys_errnolist[1];

   return (p0 == p1); /* Make sure they're not optimized away */
```

```
}
EOCP
if $cc $ccflags -o errnolist errnolist.c $libs >/dev/null 2>&1 ; then
   echo "It does."
   errnolist=''
   errnolist_SH=''
   errnolist_a=''
   errnolist_c=''
   errnolist_o=''
else
 echo "I'll make sure your Makefile provides sys_errnolist in $errnolist.c"

   errnolist_SH=$errnolist.SH
   errnolist_a=$errnolist$_a
   errnolist_c=$errnolist.c
   errnolist_o=$errnolist$_o
fi
@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/errnolist.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_erf: Inlibc
?MAKE: -pick add $@ %<
?S:d_erf:
?S: This variable conditionally defines the HAS_ERF symbol, which
?S: indicates to the C program that the erf() routine is available.
?S:.
?C:HAS_ERF:
?C: This symbol, if defined, indicates that the erf routine is
?C: available to do the error function.
?C:.
?H:#$d_erf HAS_ERF  /**/
?H:.
?LINT:set d_erf
: see if erf exists
set erf d_erf
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_erf.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: vendorarch.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera $
?RCS:
?RCS: Copyright (c) 1999, Andy Dougherty
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: vendorarch.U,v $
?RCS: Revision 1.1  1999/07/08 18:32:57  doughera
?RCS: Initial revision
?RCS:
?MAKE:d_vendorarch vendorarch vendorarchexp installvendorarch: sed Getfile \
 Setprefixvar Oldconfig Prefixit archname vendorlib vendorprefix test
?MAKE: -pick add $@ %<
?Y:TOP
?S:vendorarch:
?S: This variable contains the value of the PERL_VENDORARCH symbol.
?S: It may have a ~ on the front.
?S: The standard distribution will put nothing in this directory.
?S: Vendors
 who distribute perl may wish to place their own
?S: architecture-dependent modules and extensions in this directory with
?S:  MakeMaker Makefile.PL INSTALLDIRS=vendor
?S: or equivalent.  See INSTALL for details.
?S:.
?S:vendorarchexp:
?S: This variable is the ~name expanded version of vendorarch, so that you
?S: may use it directly in Makefiles or shell scripts.
?S:.
?D:installvendorarch=''
?S:installvendorarch:
?S: This variable is really the same as vendorarchexp but may differ on
?S: those systems using AFS. For extra portability, only this variable
?S: should be used in makefiles.
?S:.
?S:d_vendorarch:
?S: This variable conditionally defined PERL_VENDORARCH.
?S:.
?C:PERL_VENDORARCH:
?C: If defined, this symbol contains the name of a private library.
?C: The library is private in the sense that it needn't be in anyone's
?C: execution path, but it should be accessible by the world.
?C: It may have a ~ on the front.
```

```
?C: The standard distribution will put nothing in this
 directory.
?C: Vendors who distribute perl may wish to place their own
?C: architecture-dependent modules and extensions in this directory with
?C:  MakeMaker Makefile.PL INSTALLDIRS=vendor
?C: or equivalent.  See INSTALL for details.
?C:.
?C:PERL_VENDORARCH_EXP:
?C: This symbol contains the ~name expanded version of PERL_VENDORARCH, to be used
?C: in programs that are not prepared to deal with ~ expansion at run-time.
?C:.
?H:#$d_vendorarch PERL_VENDORARCH "$vendorarch"  /**/
?H:#$d_vendorarch PERL_VENDORARCH_EXP "$vendorarchexp"  /**/
?H:.
?LINT:change prefixvar
?LINT:set installvendorarch
: Set the vendorarch variables
case "$vendorprefix" in
") d_vendorarch="$undef"
 vendorarch="
 vendorarchexp="
 ;;
*) d_vendorarch="$define"
 : determine where vendor-supplied architecture-dependent libraries go.
 : vendorlib  default is /usr/local/lib/perl5/vendor_perl/$version
 : vendorarch default is /usr/local/lib/perl5/vendor_perl/$version/$archname
 : vendorlib may have an optional trailing
 /share.
 case "$vendorarch" in
 ") dflt=`echo $vendorlib | $sed 's,/share$,,'`
  dflt="$dflt/$archname"
  ;;
 *) dflt="$vendorarch" ;;
 esac
 fn=d~+
 rp='Pathname for vendor-supplied architecture-dependent files?'
 . ./getfile
 vendorarch="$ans"
 vendorarchexp="$ansexp"
 ;;
esac
prefixvar=vendorarch
. ./installprefix
if $test X"$vendorarch" = X"$vendorlib"; then
 d_vendorarch="$undef"
else
 d_vendorarch="$define"
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/vendorarch.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_readdir64_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_readdir64_r readdir64_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_dirent extern_C
?MAKE: -pick add $@ %<
?S:d_readdir64_r:
?S: This variable conditionally defines the HAS_READDIR64_R symbol,
?S: which indicates to the C program that the readdir64_r()
?S: routine is available.
?S:.
?S:readdir64_r_proto:
?S: This variable encodes the prototype of readdir64_r.
?S: It is zero if d_readdir64_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_readdir64_r
?S: is defined.
?S:.
?C:HAS_READDIR64_R:
?C: This symbol, if defined, indicates that the readdir64_r routine
?C: is
 available to readdir64 re-entrantly.
?C:.
?C:READDIR64_R_PROTO:
?C: This symbol encodes the prototype of readdir64_r.
?C: It is zero if d_readdir64_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_readdir64_r
?C: is defined.
?C:.
?H:#$d_readdir64_r HAS_READDIR64_R /**/
?H:#define READDIR64_R_PROTO $readdir64_r_proto /**/
?H:.
?T:try hdrs d_readdir64_r_proto
: see if readdir64_r exists
set readdir64_r d_readdir64_r
eval $inlibc
case "$d_readdir64_r" in
"$define")
```

```
hdrs="$i_systypes sys/types.h define stdio.h $i_dirent dirent.h"
case "$d_readdir64_r_proto:$usethreads" in
":define") d_readdir64_r_proto=define
 set d_readdir64_r_proto readdir64_r $hdrs
 eval $hasproto ;;
*) ;;
esac
case "$d_readdir64_r_proto" in
define)
case "$readdir64_r_proto" in
"|0) try='int readdir64_r(DIR*, struct dirent64*, struct dirent64**);'
./protochk "$extern_C $try" $hdrs && readdir64_r_proto=I_TSR ;;
esac
case "$readdir64_r_proto" in
"|0) try='int readdir64_r(DIR*,
struct dirent64*);'
./protochk "$extern_C $try" $hdrs && readdir64_r_proto=I_TS ;;
esac
case "$readdir64_r_proto" in
"|0) d_readdir64_r=undef
 readdir64_r_proto=0
 echo "Disabling readdir64_r, cannot determine prototype." >&4 ;;
* ) case "$readdir64_r_proto" in
 REENTRANT_PROTO*) ;;
 *) readdir64_r_proto="REENTRANT_PROTO_$readdir64_r_proto" ;;
 esac
 echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
 define) echo "readdir64_r has no prototype, not using it." >&4 ;;
 esac
 d_readdir64_r=undef
 readdir64_r_proto=0
 ;;
esac
;;
*) readdir64_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_readdir64_r.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: d_strcspn.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_strcspn.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:33  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_strcspn: Inlibc
?MAKE: -pick add $@ %<
?S:d_strcspn:
?S: This variable conditionally defines the HAS_STRCSPN symbol, which
?S: indicates to the C program that the strcspn() routine is available
?S: to scan strings.
?S:.
?C:HAS_STRCSPN (STRCSPN):
?C: This symbol, if defined, indicates that the strcspn routine is
?C: available to scan
 strings.
?C:.
?H:#$d_strcspn HAS_STRCSPN  /**/
?H:.
?LINT:set d_strcspn
: see if strcspn exists
set strcspn d_strcspn
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strcspn.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2003 Jarkko Hietaniemi
?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_copysignl: Inlibc
?MAKE: -pick add $@ %<
?S:d_copysignl:
?S: This variable conditionally defines the HAS_COPYSIGNL symbol, which
?S: indicates to the C program that the copysignl() routine is available.
```

```
?S: If aintl is also present we can emulate modfl.
?S:.
?C:HAS_COPYSIGNL:
?C: This symbol, if defined, indicates that the copysignl routine is
?C: available.  If aintl is also present we can emulate modfl.
?C:.
?H:#$d_copysignl HAS_COPYSIGNL  /**/
?H:.
?LINT:set d_copysignl
: see if copysignl exists
set copysignl d_copysignl
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_copysignl.U
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```
?RCS: $Id: i_socks.U,v $
?RCS:
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?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_socks: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_socks:
?S: This variable conditionally defines the I_SOCKS symbol, and indicates
?S: whether a C program should include <socks.h>.
?S:.
?C:I_SOCKS:
?C: This symbol, if defined, indicates that <socks.h> exists and
?C: should be included.
?C:.
?H:#$i_socks I_SOCKS  /**/
?H:.
?LINT:set i_socks
: see if this is a socks.h system
set socks.h i_socks
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_socks.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_raster.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_raster.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:50  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_raster rasterlib: cat test Setvar Myread Oldconfig
?MAKE: -pick add $@ %<
?S:d_raster:
?S: Conditionally defines RASTER_TEK if this is a raster tech machine.
?S:.
?S:rasterlib (d_rasterlib):
?S: Set to the needed compile flag if this is a raster tech machine.
?S: It is up to the Makefile to use this variable.
?S:.
?C:RASTER_TEK:
?C: Defined
 if this is a rastertech machine.
?C:.
?H:#$d_raster RASTER_TEK /**/
?H:.
?LINT:set d_raster
: See if this is a raster tech machine.
val="$undef"
rasterlib="
if $test -r /dev/mirage; then
 $cat <<'EOM'

You seem to have a mirage device... this is normally associated with a raster
technologies graphics workstation. If this is right, you may want to use raster
tech in this program.

EOM
 dflt=y
 case "$d_raster" in
 "$undef") dflt=n;;
 esac
 rp='Use raster tech?'
 . ./myread
 case "$ans" in
 y*) val="$define";;
```

```
 esac
fi
set d_raster
eval $setvar

case "$d_raster" in
"$define") rasterlib='-lphigs';;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_raster.U
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```
?RCS: $Id$
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_sysmman.U,v $
?RCS: Revision 3.0.1.1  1994/01/24  14:11:20  ram
?RCS: patch16: created
?RCS:
?X:
?X: Look wether <sys/mman.h> needs to be included.
?X:
?MAKE:i_sysmman: Inhdr
?MAKE: -pick add $@ %<
?S:i_sysmman:
?S: This variable conditionally defines the I_SYS_MMAN symbol,
?S: and indicates whether a C program should include <sys/mman.h>.
?S:.
?C:I_SYS_MMAN:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/mman.h>.
?C:.
?H:#$i_sysmman I_SYS_MMAN  /**/
?H:.
?LINT:set
 i_sysmman
: see if sys/mman.h has to be included
set sys/mman.h i_sysmman
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_sysmman.U
No license file was found, but licenses were detected in source scan.

```
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?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Init.U,v $
?RCS: Revision 3.0.1.1  1994/10/31  09:45:59  ram
?RCS: patch44: removed Options from MAKE to prevent Init overrides
?RCS: patch44: option processing now done after Myinit thanks to new Begin.U
?RCS: patch44: moved "Beginning of configuration questions" to Begin.U
?RCS: patch44: moved signal trapping instruction to Begin.U as well
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:02  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This file initializes certain default variables
 used by Configure.  They
?X: may be overridden or added to by definitions in Myinit.U.
?X:
?MAKE:Init eunicefix _exe: Null
?MAKE: -pick add $@ %<
?MAKE: -pick weed $@ ./Init
?S:eunicefix:
?S: When running under Eunice this variable contains a command which will
?S: convert a shell script to the proper form of text file for it to be
?S: executable by the shell.  On other systems it is a no-op.
?S:.
?S:_exe (exe_ext):
?S: This variable defines the extension used for executable files.
?S: For unix it is empty.  Other possible values include '.exe'.
?S: DJGPP, Cygwin and OS/2 use '.exe'.  Stratus VOS uses '.pm'.
?S: On operating systems which do not require a specific extension
?S: for executable files, this variable is empty.
?S:.
?V:define undef smallmach:rmlist
?X:
```

```
?X: Throughout the units, one may make use of $define and $undef to reference
?X: a defined symbol or an undefined one. There is no need to add them in
?X: the dependency line since this unit makes them visible via ?V:, and
?X:
 everyone inherits from those symbols since by convention Init.U is the
?X: root dependency.
?X:
?T: DJGPP
: Initialize wide constants
define='define'
undef='undef'
smallmach='pdp11 i8086 z8000 i80286 iAPX286'
rmlist=''

: We must find out about Eunice early
eunicefix=':'
if test -f /etc/unixtovms; then
 eunicefix=/etc/unixtovms
fi
if test -f /etc/unixtovms.exe; then
 eunicefix=/etc/unixtovms.exe
fi

: Set executable suffix now -- needed before hints available
if test -f "/libs/version.library"; then
 : Amiga OS
  _exe=""
elif test -f "/system/gnu_library/bin/ar.pm"; then
 : Stratus VOS
 _exe=".pm"
elif test -n "$DJGPP"; then
 : DOS DJGPP
  _exe=".exe"
elif test -d c:/. ; then
 : OS/2 or cygwin
 _exe=".exe"
else
 : All other UNIX systems
 _exe=""
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Init.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
```

```
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_strtold: Inlibc
?MAKE: -pick add $@ %<
?S:d_strtold:
?S: This variable conditionally defines the HAS_STRTOLD symbol, which
?S: indicates to the C program that the strtold() routine is available.
?S:.
?C:HAS_STRTOLD:
?C: This symbol, if defined, indicates that the strtold routine is
?C: available to convert strings to long doubles.
?C:.
?H:#$d_strtold HAS_STRTOLD  /**/
?H:.
?LINT:set d_strtold
: see if strtold exists
set strtold d_strtold
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strtold.U
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```
?RCS: $Id: i_malloc.U,v 3.5 2008/03/29 14:06:51 merijn Exp $
?RCS:
?RCS: Copyright (c) 2008, H.Merijn Brand
?RCS:
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?RCS: of the source tree for dist 3.5.
?RCS:
?MAKE:i_mallocmalloc: Inhdr
?MAKE: -pick add $@ %<
?S:i_mallocmalloc:
?S: This variable conditionally defines the I_MALLOCMALLOC symbol,
?S: and indicates whether a C program should include <malloc/malloc.h>.
?S:.
?C:I_MALLOCMALLOC:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <malloc/malloc.h>.
?C:.
?H:#$i_mallocmalloc I_MALLOCMALLOC  /**/
```

```
?H:.
?LINT:set i_mallocmalloc
: see if malloc/malloc.h has to be included
set malloc/malloc.h i_mallocmalloc
eval
 $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_mallocmalloc.U
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```
?RCS: $Id: i_syswait.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_syswait.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:42  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit looks wether <sys/wait.h> is available or not
?X:
?MAKE:i_syswait: Inhdr
?MAKE: -pick add $@ %<
?S:i_syswait:
?S: This variable conditionally defines I_SYS_WAIT, which indicates
?S: to the C program that it should include <sys/wait.h>.
?S:.
?C:I_SYS_WAIT (I_SYSWAIT):
?C: This symbol, if defined, indicates to the C program
 that it should
?C: include <sys/wait.h>.
?C:.
?H:#$i_syswait I_SYS_WAIT /**/
?H:.
?LINT:set i_syswait
: see if this is a syswait system
set sys/wait.h i_syswait
eval $inhdr
```

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_syswait.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_execinfo.U 34 2010-11-27 11:55:39Z rmanfredi $
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?MAKE:i_execinfo: Inhdr
?MAKE: -pick add $@ %<
?S:i_execinfo:
?S: This variable conditionally defines the I_EXECINFO symbol, and indicates
?S: whether a C program may include <execinfo.h>, for backtrace() support.
?S:.
?C:I_EXECINFO:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <execinfo.h> for backtrace() support.
?C:.
?H:#$i_execinfo I_EXECINFO  /**/
?H:.
?LINT:set i_execinfo
: see if this is an execinfo.h system
set execinfo.h i_execinfo
eval
 $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_execinfo.U
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```
?RCS: You may distribute under the terms of either the GNU General Public
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?RCS:
?MAKE:d_nearbyint: Inlibc
?MAKE: -pick add $@ %<
?S:d_nearbyint:
?S: This variable conditionally defines HAS_NEARBYINT if nearbyint()
?S: is available to return the integral value closest to (according to
?S: the current rounding mode) to x.
?S:.
?C:HAS_NEARBYINT:
```

```
?C: This symbol, if defined, indicates that the nearbyint routine is
?C: available to return the integral value closest to (according to
?C: the current rounding mode) to x.
?C:.
?H:#$d_nearbyint HAS_NEARBYINT  /**/
?H:.
?LINT:set d_nearbyint
: see if nearbyint exists
set nearbyint d_nearbyint
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_nearbyint.U
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```
?RCS: $Id: d_getprotoprotos.U,v $
?RCS:
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?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_getprotoprotos : Hasproto i_netdb
?MAKE: -pick add $@ %<
?S:d_getprotoprotos:
?S: This variable conditionally defines the HAS_GETPROTO_PROTOS symbol,
?S: which indicates to the C program that <netdb.h> supplies
?S: prototypes for the various getproto*() functions.
?S: See also netdbtype.U for probing for various netdb types.
?S:.
?C:HAS_GETPROTO_PROTOS:
?C: This symbol, if defined, indicates that <netdb.h> includes
?C: prototypes for getprotoent(), getprotobyname(), and
?C: getprotobyaddr().
  Otherwise, it is up to the program to guess
?C: them.  See netdbtype.U for probing for various Netdb_xxx_t types.
?C:.
?H:#$d_getprotoprotos HAS_GETPROTO_PROTOS /**/
?H:.
?LINT:set d_getprotoprotos
: see if prototypes for various getprotoxxx netdb.h functions are available
echo " "
set d_getprotoprotos getprotoent $i_netdb netdb.h
eval $hasproto
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/d_getprotoprotos.U
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```
?RCS: $Id$
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: usrinc.U,v $
?RCS: Revision 3.0.1.3  1997/02/28  16:27:12  ram
?RCS: patch61: don't ask for the include path unless they are on a MIPS
?RCS:
?RCS: Revision 3.0.1.2  1995/05/12  12:24:36  ram
?RCS: patch54: ensure that ./mips always exists (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/05/06  15:18:31  ram
?RCS: patch23: ensure usrinc value is preserved across sessions (WED)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:58  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:usrinc incpath mips_type:
 test cat echo n c Getfile Guess \
 Oldconfig eunicefix contains rm
?MAKE: -pick add $@ %<
?S:usrinc:
?S: This variable holds the path of the include files, which is
?S: usually /usr/include. It is mainly used by other Configure units.
?S:.
?S:incpath:
?S: This variable must preceed the normal include path to get hte
?S: right one, as in "$incpath/usr/include" or "$incpath/usr/lib".
?S: Value can be "" or "/bsd43" on mips.
?S:.
?S:mips_type:
?S: This variable holds the environment type for the mips system.
?S: Possible values are "BSD 4.3" and "System V".
?S:.
?D:usrinc='/usr/include'
?LINT:create mips
```

```
?T:xxx_prompt
?F:./mips
: What should the include directory be ?
echo " "
$echo $n "Hmm...  $c"
dflt='/usr/include'
incpath=''
?X: mips_type is used later, to add -DSYSTYPE_BSD43 to cppflags if needed.
mips_type=''
?X:
?X: Cannot put the following in Guess, or we get a circular dependency.
?X:
if $test -f /bin/mips && /bin/mips; then
 echo "Looks like a MIPS system..."
 $cat >usr.c
 <<'EOCP'
#ifdef SYSTYPE_BSD43
/bsd43
#endif
EOCP
 if cc -E usr.c > usr.out && $contains / usr.out >/dev/null 2>&1; then
  dflt='/bsd43/usr/include'
  incpath='/bsd43'
  mips_type='BSD 4.3'
 else
  mips_type='System V'
 fi
 $rm -f usr.c usr.out
 echo "and you're compiling with the $mips_type compiler and libraries."
 xxx_prompt=y
 echo "exit 0" >mips
else
 echo "Doesn't look like a MIPS system."
 xxx_prompt=n
 echo "exit 1" >mips
fi
chmod +x mips
$eunicefix mips
case "$usrinc" in
'') ;;
*) dflt="$usrinc";;
esac
case "$xxx_prompt" in
y) fn=d/
 echo " "
 rp='Where are the include files you want to use?'
 . ./getfile
 usrinc="$ans"
```

```
 ;;
*) usrinc="$dflt"
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/usrinc.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: libyacc.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS:
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: libyacc.U,v $
?RCS: Revision 3.0.1.4  1997/02/28  16:09:19  ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS:
?RCS: Revision 3.0.1.3  1994/05/13  15:27:12  ram
?RCS: patch27: added byacc case (ADO)
?RCS:
?RCS: Revision 3.0.1.2  1994/05/06  15:09:01  ram
?RCS: patch23: now uses full library path instead of -l notation
?RCS:
?RCS: Revision 3.0.1.1  1994/01/24  14:13:49  ram
?RCS: patch16: un-obsoleted this unit for smooth yacc compilations
?RCS:
?RCS:
 Revision 3.0  1993/08/18  12:09:04  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:libyacc: Loc yacc libpth _a
?MAKE: -pick add $@ %<
?S:libyacc:
?S: This variable contains the argument to pass to the loader in order
?S: to get the yacc library routines.  If there is no yacc or yacc
?S: library, it is null.
?S:.
?T:xxx
: see if we should include -ly
echo " "
case "$yacc" in
```

```
*byacc*)
 echo "You are using byacc, so I won't look for a yacc library." >&4
 libyacc=''
 ;;
*yacc)
 xxx=`./loc liby$_a x $libpth`
 case "$xxx" in
 x)
  echo "No yacc library found." >&4
  libyacc=''
  ;;
 *)
  echo "yacc library found in $xxx." >&4
  libyacc="$xxx"
  ;;
 esac
 ;;
*bison*)
 echo "You are using bison, so I won't look for a yacc library." >&4
 libyacc=''
 ;;
*)
echo "You don't seem to have yacc, so I won't look for the yacc library." >&4
 libyacc=''
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/libyacc.U
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```
?RCS: $Id: Options.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Options.U,v $
?RCS: Revision 3.0.1.7  1997/02/28  15:08:15  ram
?RCS: patch61: optdef.sh now starts with a "startsh"
?RCS: patch61: moved some code from Head.U
?RCS:
?RCS: Revision 3.0.1.6  1995/09/25  09:14:46  ram
```

```
?RCS: patch59: protected option parsing code against 'echo -*' option failure
?RCS:
?RCS: Revision 3.0.1.5  1995/05/12  12:04:52  ram
?RCS: patch54: added -K option for experts
?RCS:
?RCS: Revision 3.0.1.4  1995/01/30  14:27:52  ram
?RCS:
 patch49: this unit now exports file optdef.sh, not a variable
?RCS:
?RCS: Revision 3.0.1.3  1995/01/11  15:19:00  ram
?RCS: patch45: new -O option allowing -D and -U to override config.sh settings
?RCS: patch45: file optdef.sh is no longer removed after sourcing
?RCS:
?RCS: Revision 3.0.1.2  1994/10/29  15:58:06  ram
?RCS: patch36: ensure option definition file is removed before appending
?RCS: patch36: protect variable definitions with spaces in them
?RCS:
?RCS: Revision 3.0.1.1  1994/06/20  06:55:44  ram
?RCS: patch30: now uses new me symbol to tag error messages
?RCS: patch30: new -D and -U options to define/undef symbols (JHI)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:14  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: Command line parsing. It is really important that the variables used here
?X: be not listed in the MAKE line, or they will be saved in config.sh and
?X: loading this file to fetch default answers would clobber the values set
?X: herein.
?X:
?MAKE:Options:
 startsh
?MAKE: -pick wipe $@ %<
?V:reuseval alldone error realsilent silent extractsh fastread \
 knowitall: config_sh
?T:arg argn symbol config_arg0 config_args config_argc xxx yyy zzz uuu
?T:args_exp args_sep arg_exp ccflags
?F:!Configure
?F:./optdef.sh ./cmdline.opt ./posthint.sh ./cmdl.opt
: Save command line options in file UU/cmdline.opt for later use in
: generating config.sh.
?X: This temporary file will be read by Oldsym.U.  I used a temporary
?X: file to preserve all sorts of potential command line quotes and
?X: also because we don't know in advance how many variables we'll
?X: need, so I can't actually declare them on the MAKE line.
?X: The config_args variable won't be quite correct if Configure is
?X: fed something like    ./Configure -Dcc="gcc -B/usr/ccs/bin/"
?X: since the quotes are gone by the time we see them.  You'd have to
```

```
?X: reconstruct the command line from the config_arg? lines, but since
?X: I don't imagine anyone actually having to do that, I'm not going
?X:
 to worry too much.
cat > cmdline.opt <<EOSH
: Configure command line arguments.
config_arg0='$0'
config_args='$*'
config_argc=$#
EOSH
argn=1
args_exp=''
args_sep=''
for arg in "$@"; do
 cat >>cmdline.opt <<EOSH
config_arg$argn='$arg'
EOSH
?X: Extreme backslashitis: replace each ' by '''''
 cat <<EOC | sed -e "s/'/'''''''''''''''/g" > cmdl.opt
$arg
EOC
 arg_exp=`cat cmdl.opt`
 args_exp="$args_exp$args_sep'$arg_exp'"
 argn=`expr $argn + 1`
 args_sep=' '
done
?X: args_exp is good for restarting self: eval "set X $args_exp"; shift; $0 "$@"
?X: used by hints/os2.sh in Perl, for instance
rm -f cmdl.opt

: produce awk script to parse command line options
cat >options.awk <<'EOF'
BEGIN {
 optstr = "A:dD:eEf:hKOrsSU:V"; # getopt-style specification

 len = length(optstr);
 for (i = 1; i <= len; i++) {
  c = substr(optstr, i, 1);
?X: some older awk's do not have the C ?: construct
  if (i < len) a = substr(optstr, i + 1, 1); else a = "";
  if (a == ":") {
   arg[c] = 1;
   i++;
  }
  opt[c]
 = 1;
 }
}
```

```
{
 expect = 0;
 str = $0;
 if (substr(str, 1, 1) != "-") {
  printf("'%s'\n", str);
  next;
 }
 len = length($0);
 for (i = 2; i <= len; i++) {
  c = substr(str, i, 1);
  if (!opt[c]) {
   printf("-%s\n", substr(str, i));
   next;
  }
  printf("-%s\n", c);
  if (arg[c]) {
   if (i < len)
    printf("'%s'\n", substr(str, i + 1));
   else
    expect = 1;
   next;
  }
 }
}
END {
 if (expect)
  print "?";
}
EOF

: process the command line options
?X: Use "$@" to keep arguments with spaces in them from being split apart.
?X: For the same reason, awk will output quoted arguments and the final eval
?X: removes them and sets a proper $* array. An 'X' is prepended to each
?X: argument before being fed to echo to guard against 'echo -x', where -x
?X: would be understood as an echo option! It is removed before feeding awk.
set X `for arg in "$@"; do echo "X$arg"; done |
 sed -e s/X// | awk -f options.awk`
eval "set $*"
shift
rm -f options.awk

: set up default values
fastread=''
reuseval=false
config_sh=''
alldone=''
error=''
```

```
silent=''
extractsh=''
knowitall=''
rm
 -f optdef.sh posthint.sh
cat >optdef.sh <<EOS
$startsh
EOS

?X:
?X: Given that we now have the possibility to execute Configure remotely
?X: thanks to the new src.U support, we have to face the possibility
?X: of having to ask where the source lie, which means we need the Myread.U
?X: stuff and possibly other things that might echo something on the
?X: screen...
?X:
?X: That's not pretty, and might be confusing in 99% of the time. So...
?X: We introduce a new realsilent variable which is set when -s is given,
?X: and we force silent=true if -S is supplied. The Extractall.U unit
?X: will then undo the >&4 redirection based on the value of the
?X: realsilent variable... -- RAM, 18/93/96
?X:

: option parsing
while test $# -gt 0; do
 case "$1" in
 -d) shift; fastread=yes;;
 -e) shift; alldone=cont;;
 -f)
  shift
  cd ..
  if test -r "$1"; then
   config_sh="$1"
  else
   echo "$me: cannot read config file $1."
 >&2
   error=true
  fi
  cd UU
  shift;;
 --help|\
 -h) shift; error=true;;
 -r) shift; reuseval=true;;
 -s) shift; silent=true; realsilent=true;;
 -E) shift; alldone=exit;;
 -K) shift; knowitall=true;;
 -O) shift;;
 -S) shift; silent=true; extractsh=true;;
```

```
-D)
 shift
 case "$1" in
 *=)
  echo "$me: use '-U symbol=', not '-D symbol='." >&2
  echo "$me: ignoring -D $1" >&2
  ;;
 *=*) echo "$1" | \
   sed -e "s/'/'\"'\"'/g" -e "s/=\(.*\)/='\1'/" >> optdef.sh;;
 *) echo "$1='define'" >> optdef.sh;;
 esac
 shift
 ;;
-U)
 shift
 case "$1" in
 *=) echo "$1" >> optdef.sh;;
 *=*)
  echo "$me: use '-D symbol=val', not '-U symbol=val'." >&2
  echo "$me: ignoring -U $1" >&2
  ;;
 *) echo "$1='undef'" >> optdef.sh;;
 esac
 shift
 ;;
-A)
   shift
   xxx=''
   yyy="$1"
   zzz=''
   uuu=undef
   case "$yyy" in
        *=*) zzz=`echo "$yyy"|sed 's!=.*!!'`
             case "$zzz" in
             *:*) zzz='' ;;
             *)   xxx=append

             zzz=' '`echo "$yyy"|sed 's!^[^=]*=!!'`
                  yyy=`echo "$yyy"|sed 's!=.*!!'` ;;
             esac
             ;;
        esac
        case "$xxx" in
        '')  case "$yyy" in
             *:*) xxx=`echo "$yyy"|sed 's!:.*!!'`
                  yyy=`echo "$yyy"|sed 's!^[^:]*:!!'`
                  zzz=`echo "$yyy"|sed 's!^[^=]*=!!'`
                  yyy=`echo "$yyy"|sed 's!=.*!!'` ;;
```

```
            *)   xxx=`echo "$yyy"|sed 's!:.*!!'`
                 yyy=`echo "$yyy"|sed 's!^[^:]*:!!'` ;;
            esac
            ;;
        esac
    case "$xxx" in
    append)
  echo "$yyy=\"\${$yyy}$zzz\"" >> posthint.sh ;;
    clear)
  echo "$yyy=""   >> posthint.sh ;;
    define)
        case "$zzz" in
  ") zzz=define ;;
  esac
  echo "$yyy='$zzz'"  >> posthint.sh ;;
    eval)
  echo "eval \"$yyy=$zzz\"" >> posthint.sh ;;
    prepend)
  echo "$yyy=\"$zzz\${$yyy}\"" >> posthint.sh ;;
    undef)

      case "$zzz" in
  ") zzz="$uuu" ;;
  esac
  echo "$yyy=$zzz"  >> posthint.sh ;;
        *)  echo "$me: unknown -A command '$xxx', ignoring -A $1" >&2 ;;
    esac
    shift
    ;;
 -V) echo "$me generated by metaconfig <VERSION> PL<PATCHLEVEL>." >&2
    exit 0;;
 --) break;;
 -*) echo "$me: unknown option $1" >&2; shift; error=true;;
 *) break;;
 esac
done

case "$error" in
true)
 cat >&2 <<EOM
Usage: $me [-dehrsEKOSV] [-f config.sh] [-D symbol] [-D symbol=value]
            [-U symbol] [-U symbol=] [-A command:symbol...]
 -d : use defaults for all answers.
 -e : go on without questioning past the production of config.sh.
 -f : specify an alternate default configuration file.
 -h : print this help message and exit (with an error status).
 -r : reuse C symbols value if possible (skips costly nm extraction).
 -s : silent mode, only echoes questions and essential information.
```

```
 -D : define symbol to have some value:
        -D symbol         symbol gets the value
 'define'
        -D symbol=value   symbol gets the value 'value'
      common used examples (see INSTALL for more info):
        -Duse64bitint           use 64bit integers
        -Duse64bitall           use 64bit integers and pointers
        -Dusethreads            use thread support
        -Dinc_version_list=none  do not include older perl trees in @INC
        -DEBUGGING=none          DEBUGGING options
        -Dcc=gcc                 choose your compiler
        -Dprefix=/opt/perl5      choose your destination
 -E : stop at the end of questions, after having produced config.sh.
 -K : do not use unless you know what you are doing.
 -O : ignored for backward compatibility
 -S : perform variable substitutions on all .SH files (can mix with -f)
 -U : undefine symbol:
        -U symbol    symbol gets the value 'undef'
        -U symbol=   symbol gets completely empty
      e.g.:  -Uversiononly
 -A : manipulate symbol after the platform specific hints have been applied:
         -A append:symbol=value   append value to symbol
        -A symbol=value          like append:, but with a separating space
        -A define:symbol=value   define symbol to have value
        -A clear:symbol          define symbol to be ''
        -A define:symbol         define symbol to be 'define'
        -A eval:symbol=value     define symbol to be eval of value
        -A prepend:symbol=value  prepend value to symbol
        -A undef:symbol          define symbol to be 'undef'
        -A undef:symbol=         define symbol to be ''
      e.g.:  -A prepend:libswanted='cl pthread '
            -A ccflags=-DSOME_MACRO
 -V : print version number and exit (with a zero status).
EOM
 exit 1
 ;;
esac

?X:
?X: Unless they specified either -S or both -d and -e/E, make sure we're
?X: running interactively, i.e. attached to a terminal. Moved from Head.U to
?X: be able to handle batch configurations...
?X:
?X: We have to hardwire the Configure name and cannot use $me,
 since if they
?X: said 'sh <Configure', then $me is 'sh'...
?X:
: Sanity checks
```

```
case "$fastread$alldone" in
yescont|yesexit) ;;
*)
 case "$extractsh" in
 true) ;;
 *)
  if test ! -t 0; then
   echo "Say 'sh Configure', not 'sh <Configure'"
   exit 1
  fi
  ;;
 esac
 ;;
esac

?X: In silent mode, the standard output is closed. Questions are asked by
?X: outputing on file descriptor #4, which is the original stdout descriptor.
?X: This filters out all the "junk", since all the needed information is written
?X: on #4. Note that ksh will not let us redirect output if the file descriptor
?X: has not be defined yet, unlike sh, hence the following line...--RAM.
exec 4>&1
case "$silent" in
true) exec 1>/dev/null;;
esac

: run the defines and the undefines, if any, but leave the file out there...
touch optdef.sh
?X: -q is POSIX
?X: It does not work in SysV (solaris) or old BSD greps.
grep '\\' optdef.sh >/dev/null 2>&1
if test $? = 0; then
   echo "Configure does not support \\ in -D arguments"
    exit 1
fi
. ./optdef.sh
: create the posthint manipulation script and leave the file out there...
?X: this file will be perused by Oldconfig.U
touch posthint.sh
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Options.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_siglist.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
```

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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_siglist.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:22  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_siglist: Csym Setvar
?MAKE: -pick add $@ %<
?S:d_siglist:
?S: This variable conditionally defines HAS_SYS_SIGLIST if sys_siglist[] is
?S: available to translate signal numbers to strings.
?S:.
?C:HAS_SYS_SIGLIST (SYS_SIGLIST):
?C: This symbol, if defined, indicates that the sys_siglist array is
?C: available to translate signal numbers
 to strings.
?C:.
?H:#$d_siglist HAS_SYS_SIGLIST  /**/
?H:.
?LINT:set d_siglist
: see if sys_siglist[] exist
echo " "
if set sys_siglist val -a d_siglist; eval $csym; $val; then
 echo "You have sys_siglist[] for signal description." >&4
 val="$define"
else
 echo "You don't have sys_siglist[]." >&4
 val="$undef"
fi
set d_siglist
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_siglist.U
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```
?RCS: $Id: d_tzname.U 1 2006-08-24 12:32:52Z rmanfredi $
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```
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_tzname.U,v $
?RCS: Revision 3.0.1.2  1994/08/29  16:14:43  ram
?RCS: patch32: forgot to set proper value in the val variable
?RCS:
?RCS: Revision 3.0.1.1  1994/06/20  06:57:55  ram
?RCS: patch30: created
?RCS:
?MAKE:d_tzname: Csym Setvar
?MAKE: -pick add $@ %<
?S:d_tzname:
?S: This variable conditionally defines HAS_TZNAME if tzname[] is
?S: available to access timezone names.
?S:.
?C:HAS_TZNAME:
?C: This symbol, if defined, indicates that the tzname[]
 array is
?C: available to access timezone names.
?C:.
?H:#$d_tzname HAS_TZNAME  /**/
?H:.
?LINT:set d_tzname
: see if tzname[] exists
echo " "
if set tzname val -a d_tzname; eval $csym; $val; then
 val="$define"
 echo 'tzname[] found.' >&4
else
 val="$undef"
 echo 'tzname[] NOT found.' >&4
fi
set d_tzname
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_tzname.U
No license file was found, but licenses were detected in source scan.

```
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```

```
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Copyright (c) 2000, Jarkko Hietaniemi
?RCS:
?X:
?X: This unit allows the duplication of the source tree to the current
?X: directory via symbolic links.  This must be requested explicitly
?X: by them issuing a -Dmksymlinks on the command line.
?X:
?MAKE:Mksymlinks: Mkdirp lns issymlink src rsrc pkgsrc
?MAKE: -pick add $@ %<
?F:!UU
?T: dir filename tmppwd filelist
?LINT:extern mksymlinks
@if {test -f ../MANIFEST}
: Duplicate the tree with symbolic links if -Dmksymlinks was supplied
case "$mksymlinks"
 in
$define|true|[yY]*)
 echo " "
 case "$src" in
 "|'.') echo "Cannot create symlinks in the original directory." >&4
  exit 1
  ;;
 *) case "$lns:$issymlink" in
  *"ln"*" -s:"*"test -"?)
   echo "Creating the symbolic links..." >&4
   echo "(First creating the subdirectories...)" >&4
   cd ..
   awk '{print $1}' $src/MANIFEST | grep / | sed 's:/[^/]*$::' | \
    sort -u | while true
   do
    read dir
    test -z "$dir" && break
    ./UU/mkdirp $dir 2>/dev/null
    if test -d $dir; then
     : ok
    else
     echo "Failed to create '$dir'.  Aborting." >&4
     exit 1
    fi
   done
   echo "(Now creating the symlinks...)" >&4
   awk '{print $1}' $src/MANIFEST | while true; do
    read filename
    test -z "$filename" && break
    if test -f $filename; then
```

```
     if $issymlink $filename; then
      rm -f $filename
     fi
    fi
    if test -f $filename; then
     echo "$filename already exists, not symlinking."
    else
?X: Note that the following works because "$pkgsrc" is absolute
     ln
 -s $pkgsrc/$filename $filename
    fi
   done
?X: Check that everything was correctly copied
   echo "(Checking current directory...)" >&4
   cd UU
   awk '$1 !~ /PACK[A-Z]+/ {print $1}' "$rsrc/MANIFEST" | \
    (split -l 50 2>/dev/null || split -50)
   rm -f missing
   tmppwd=`pwd`
   for filelist in x??; do
    (cd ..; ls `cat "$tmppwd/$filelist"` \
     >/dev/null 2>>"$tmppwd/missing")
   done
   if test -s missing; then
    echo "Failed duplication of source tree.  Aborting." >&4
    exit 1
   fi
   ;;
  *) echo "(I cannot figure out how to do symbolic links, ignoring!)" >&4
   ;;
  esac
  ;;
 esac
 ;;
esac

@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Mksymlinks.U
No license file was found, but licenses were detected in source scan.

```
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Head.U,v $
?RCS: Revision 3.0.1.9  1997/02/28  15:02:09  ram
?RCS: patch61: make sure we unset CDPATH for shells that support this
?RCS: patch61: improved Korn shell detection and handling
?RCS:
?RCS: Revision 3.0.1.8  1995/07/25  13:40:02  ram
?RCS: patch56: added SVR4-ish /opt directories to path list (ADO)
?RCS: patch56: OS/2 platforms are using another path separator
?RCS:
?RCS: Revision 3.0.1.7  1995/03/21  08:46:15  ram
?RCS: patch52: definition of paths wrongly added spurious ':' chars
?RCS:
?RCS:
 Revision 3.0.1.6  1994/10/29  15:54:19  ram
?RCS: patch36: make sure ENV is unset before calling /bin/ksh
?RCS:
?RCS: Revision 3.0.1.5  1994/08/29  16:03:44  ram
?RCS: patch32: now sets PATH only using existing directories
?RCS:
?RCS: Revision 3.0.1.4  1994/06/20  06:54:28  ram
?RCS: patch30: now computes its invocation name into 'me'
?RCS: patch30: symbol me is made visible to all units read-only
?RCS:
?RCS: Revision 3.0.1.3  1993/12/15  08:15:07  ram
?RCS: patch15: added /sbin:/usr/sbin:/usr/libexec in PATH for BSD/386
?RCS:
?RCS: Revision 3.0.1.2  1993/11/10  17:32:35  ram
?RCS: patch14: ensure PATH is reset to '.' before testing for alias
?RCS:
?RCS: Revision 3.0.1.1  1993/08/27  14:38:07  ram
?RCS: patch7: not all 'test' programs support the -x option
?RCS:
?RCS: Revision 3.0  1993/08/18  12:04:58  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This is the very first unit in the Configure script.  It is mostly just
?X: things to keep people from getting
 into a tizzy right off the bat.
?X:
?MAKE:Head:
?MAKE: -pick wipe $@ %<
?V:PATH p_ _exe me newsh
```

```
?T:argv Id p paths OS2_SHELL DJGPP
?T:inksh needksh avoidksh newsh changesh reason
?F:!*
?LINT:extern ENV CDPATH SHELL MACHTYPE
?LINT:change ENV CDPATH
?LINT:nocomment
#! /bin/sh
#
# If these # comments don't work, trim them. Don't worry about any other
# shell scripts, Configure will trim # comments from them for you.
#
# (If you are trying to port this package to a machine without sh,
# I would suggest you have a look at the prototypical config_h.SH file
# and edit it to reflect your system. Some packages may include samples
# of config.h for certain machines, so you might look for one of those.)
#
?X:
?X: NOTE THAT A CONFIGURE SCRIPT IS IN THE PUBLIC DOMAIN (whether or not
?X: the software which uses it is in the public domain).
?X:
# Yes, you may rip this off to use in other distribution packages. This
# script belongs to the public domain and cannot be copyrighted.
#
?X:
?X: WE ASK YOU
 NOT TO REMOVE OR ALTER THE FOLLOWING PARAGRAPH, PLEASE:
?X:
# Note: this Configure script was generated automatically. Rather than
# working with this copy of Configure, you may wish to get metaconfig.
# The dist package (which contains metaconfig) is available via SVN:
#     svn co https://svn.code.sf.net/p/dist/code/trunk/dist
?X:
?X: NOTA BENE:
?X: If you develop you own version of metaconfig based on this work,
?X: you have to add some comments telling that the script was generated
?X: by your version, not mine: It credits your work.
?X:

# $Id: Head.U 6 2006-08-25 22:21:46Z rmanfredi $
#
# Generated on <DATE> [metaconfig <VERSION> PL<PATCHLEVEL>]

cat >c1$$ <<EOF
ARGGGHHHH!!!!!

SCO csh still thinks true is false.  Write to SCO today and tell them that next
year Configure ought to "rm /bin/csh" unless they fix their blasted shell. :-)
```

```
(Actually, Configure ought to just patch csh in place.  Hmm.  Hmmmmm.  All
we'd have to do is go in and swap the && and || tokens, wherever they are.)

[End
 of diatribe. We now return you to your regularly scheduled programming...]
EOF
cat >c2$$ <<EOF

OOPS!  You naughty creature!  You didn't run Configure with sh!
I will attempt to remedy the situation by running sh for you...
EOF

true || cat c1$$ c2$$
true || exec sh $0 $argv:q

(exit $?0) || cat c2$$
(exit $?0) || exec sh $0 $argv:q
rm -f c1$$ c2$$

: compute my invocation name
me=$0
case "$0" in
*/*)
 me=`echo $0 | sed -e 's!.*/\(.*\)!\1!' 2>/dev/null`
 test "$me" || me=$0
 ;;
esac

?X:
?X: To be able to run under OS/2, we must detect that early enough to use
?X: the proper path separator, stored in $p_. It is : on UNIX and ; on
?X: DOSish systems such as OS/2.
?X:
: Proper separator for the PATH environment variable
p_=:
: On OS/2 this directory should exist if this is not floppy only system ":-]"
if test -d c:/. ; then
 if test -n "$OS2_SHELL"; then
  p_=\;
  PATH=`cmd /c "echo %PATH%" | tr '\\\\' / `
?X: That's a bug in ksh5.22
  OS2_SHELL=`cmd /c "echo %OS2_SHELL%" | tr
 '\\\\' / | tr '[A-Z]' '[a-z]'`
 elif test -n "$DJGPP"; then
  case "X${MACHTYPE:-nonesuchmach}" in
  *cygwin) ;;
  *) p_=\; ;;
  esac
```

```
 fi
fi

?X:
?X: There are two schools of thoughts here. Some people correctly argue that
?X: the user has a better chance than we do of setting a reasonable PATH and
?X: others argue that Configure is the best place there is to set up a suitable
?X: PATH. Well, here we try to compromize by keeping the user's PATH and
?X: appending some directories which are known to work on some machine or the
?X: other. The rationale behind this being that a novice user might not have a
?X: proper environment variable set, and some directories like /etc (where
?X: chown is located on some BSD systems) may be missing--RAM.
?X:
?X: SVR4 adds an /opt directory for optional packages.  Some sites use
?X: various permutations on /opt as opposed to /usr or /usr/local.-- ADO
?X:
?X: We only add directories that are not already in the PATH of the
?X: user and the directories must
 exist also.
?X:
: Proper PATH setting
paths='/bin /usr/bin /usr/local/bin /usr/ucb /usr/local /usr/lbin'
paths="$paths /opt/bin /opt/local/bin /opt/local /opt/lbin"
paths="$paths /usr/5bin /etc /usr/gnu/bin /usr/new /usr/new/bin /usr/nbin"
paths="$paths /opt/gnu/bin /opt/new /opt/new/bin /opt/nbin"
paths="$paths /sys5.3/bin /sys5.3/usr/bin /bsd4.3/bin /bsd4.3/usr/ucb"
paths="$paths /bsd4.3/usr/bin /usr/bsd /bsd43/bin /usr/ccs/bin"
paths="$paths /etc /usr/lib /usr/ucblib /lib /usr/ccs/lib"
paths="$paths /sbin /usr/sbin /usr/libexec"
paths="$paths /system/gnu_library/bin"

for p in $paths
do
 case "$p_$PATH$p_" in
 *$p_$p$p_*) ;;
 *) test -d $p && PATH=$PATH$p_$p ;;
 esac
done

PATH=.$p_$PATH
export PATH

: shall we be using ksh?
inksh=''
needksh=''
avoidksh=''
newsh=/bin/ksh
changesh=''
```

```
?X: Use (alias -x) and not (alias) since zsh and bash recognize the alias
?X: builtin but not the -x option which is typically ksh...
?X: We need to set up PATH before calling the "alias" built-in since
 some
?X: systems like HP-UX have a binary called /bin/alias.
if (PATH=.; alias -x) >/dev/null 2>&1; then
  inksh=true
fi
?X: On HP-UX, large Configure scripts may exercise a bug in /bin/sh, use ksh
if test -f /hp-ux -a -f /bin/ksh; then
 needksh='to avoid sh bug in "here document" expansion'
fi
?X: On AIX4, /bin/sh is really ksh and it causes problems, use sh
if test -d /usr/lpp -a -f /usr/bin/bsh -a -f /usr/bin/uname; then
 if test X`/usr/bin/uname -v` = X4; then
  avoidksh="to avoid AIX 4's /bin/sh"
  newsh=/usr/bin/bsh
 fi
fi
?X: On Digital UNIX, /bin/sh may start up buggy /bin/ksh, use sh
if test -f /osf_boot -a -f /usr/sbin/setld; then
 if test X`/usr/bin/uname -s` = XOSF1; then
  avoidksh="to avoid Digital UNIX' ksh"
  newsh=/bin/sh
?X: if BIN_SH is set to 'xpg4', sh will start up ksh
  unset BIN_SH
 fi
fi
?X: If we are not in ksh and need it, then feed us back to it
case "$inksh/$needksh" in
/[a-z]*)
?X: Clear ENV to avoid any ~/.kshrc that could alias cd or whatever...
?X: Don't
 use "unset ENV", that is not portable enough
  ENV=''
  changesh=true
  reason="$needksh"
 ;;
esac
?X: If we are in ksh and must avoid it, then feed us back to a new shell
case "$inksh/$avoidksh" in
true/[a-z]*)
 changesh=true
 reason="$avoidksh"
 ;;
esac
?X: Warn them if they use ksh on other systems, which are those where
?X: we don't need ksh nor want to avoid it explicitly, yet are using it.
```

```
case "$inksh/$needksh-$avoidksh-" in
true/--)
  cat <<EOM
(I see you are using the Korn shell.  Some ksh's blow up on $me,
mainly on older exotic systems.  If yours does, try the Bourne shell instead.)
EOM
 ;;
esac
case "$changesh" in
true)
 export newsh
 echo "(Feeding myself to $newsh $reason.)"
?X: Make sure they didn't say sh <Configure by checking whether $0 ends
?X: with Configure or not. If they did say sh <../../Configure, then too
?X: bad for them anyway, since we lost that path indication...
?X: Otherwise, execing $0 ensures we keep the full remote source dir
?X: indication for src.U.
 case
 "$0" in
 Configure|*/Configure) exec $newsh $0 "$@";;
 *) exec $newsh Configure "$@";;
 esac
 ;;
esac

?X: Unset CDPATH to avoid surprises when using cd under some shells
?X: Can't unset it because that's not portable to very old shells.
?X: Can't set it to '' because then bash 2.02 won't do "cd UU"  --AD  6/98.
?X: Don't want to set it to '.' because then ksh prints out the
?X: name of the directory every time you cd to it. --AD 6/98
?X: In order to inflict the least harm, change it only if it's set.
: if needed, set CDPATH to a harmless value that is not chatty
case "$CDPATH" in
'') ;;
*) case "$SHELL" in
 *bash*) CDPATH='.' ;;
 *) CDPATH='' ;;
 esac
 ;;
esac

: Configure runs within the UU subdirectory
test -d UU || mkdir UU
?X: Use ./* to avoid any confirmation prompts from enhanced shells -- WED
cd UU && rm -f ./*
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/dist/U/Head.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1996, Andy Dougherty
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: sitelib.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  16:21:35  ram
?RCS: patch61: created
?RCS:
?MAKE:sitelib sitelibexp installsitelib: afs cat Getfile \
 Oldconfig Prefixit test privlib package sed
?MAKE: -pick add $@ %<
?Y:TOP
?S:sitelib:
?S: This variable contains the eventual value of the SITELIB symbol,
?S: which is the name of the private library for this package.  It may
?S: have a ~ on the front. It is up to the makefile to eventually create
?S: this
 directory while performing installation (with ~ substitution).
?S:.
?S:sitelibexp:
?S: This variable is the ~name expanded version of sitelib, so that you
?S: may use it directly in Makefiles or shell scripts.
?S:.
?S:installsitelib:
?S: This variable is really the same as sitelibexp but may differ on
?S: those systems using AFS. For extra portability, only this variable
?S: should be used in makefiles.
?S:.
?C:SITELIB:
?C: This symbol contains the name of the private library for this package.
?C: The library is private in the sense that it needn't be in anyone's
?C: execution path, but it should be accessible by the world.  The program
?C: should be prepared to do ~ expansion.
?C: The standard distribution will put nothing in this directory.
?C: Individual sites may place their own extensions and modules in
?C: this directory.
?C:.
?C:SITELIB_EXP:
```

```
?C: This symbol contains the ~name expanded version of SITELIB, to be used
?C: in programs that are not prepared to deal with ~ expansion
 at run-time.
?C:.
?H:#define SITELIB "$sitelib"  /**/
?H:#define SITELIB_EXP "$sitelibexp"  /**/
?H:.
?T:prog
: determine where site specific libraries go.
set sitelib sitelib
eval $prefixit
case "$sitelib" in
")
?X: remove any trailing -3.0 or other version indentification
 prog=`echo $package | $sed 's/-*[0-9.]*$//'`
 dflt="$privlib/site_$prog" ;;
*) dflt="$sitelib" ;;
esac
$cat <<EOM

The installation process will also create a directory for
site-specific extensions and modules.  Some users find it convenient
to place all local files in this directory rather than in the main
distribution directory.

EOM
fn=d~+
rp='Pathname for the site-specific library files?'
. ./getfile
if $test "X$sitelibexp" != "X$ansexp"; then
 installsitelib="
fi
sitelib="$ans"
sitelibexp="$ansexp"
if $afs; then
 $cat <<EOM

Since you are running AFS, I need to distinguish the directory in which
private files reside from the directory in which they are installed (and from
which they are presumably copied to
 the former directory by occult means).

EOM
 case "$installsitelib" in
 ") dflt=`echo $sitelibexp | sed 's#^/afs/#/afs/.#'`;;
 *) dflt="$installsitelib";;
 esac
 fn=de~
```

```
 rp='Where will private files be installed?'
 . ./getfile
 installsitelib="$ans"
else
 installsitelib="$sitelibexp"
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sitelib.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_strxfrm.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_strxfrm.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:12:04  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_strxfrm: Inlibc
?MAKE: -pick add $@ %<
?S:d_strxfrm:
?S: This variable conditionally defines HAS_STRXFRM if strxfrm() is
?S: available to transform strings.
?S:.
?C:HAS_STRXFRM:
?C: This symbol, if defined, indicates that the strxfrm() routine is
?C: available to transform
 strings.
?C:.
?H:#$d_strxfrm HAS_STRXFRM /**/
?H:.
?LINT:set d_strxfrm
: see if strxfrm exists
set strxfrm d_strxfrm
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/dist/U/d_strxfrm.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_crypt.U,v $
?RCS:
?RCS: Copyright (c) 2002 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_crypt: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_crypt:
?S: This variable conditionally defines the I_CRYPT symbol, and indicates
?S: whether a C program should include <crypt.h>.
?S:.
?C:I_CRYPT:
?C: This symbol, if defined, indicates that <crypt.h> exists and
?C: should be included.
?C:.
?H:#$i_crypt I_CRYPT  /**/
?H:.
?LINT:set i_crypt
: see if this is a crypt.h system
set crypt.h i_crypt
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_crypt.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Chk_MANI.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Chk_MANI.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  14:57:25  ram
?RCS: patch61: added support for src.U
?RCS:
?RCS: Revision 3.0.1.1  1994/10/31  09:33:14  ram
?RCS: patch44: now lists Begin instead of Myinit in its dependencies
```

```
?RCS: patch44: leading comment now explains how this unit is included
?RCS:
?RCS: Revision 3.0  1993/08/18  12:04:45  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit checks the package by making sure
 every file listed in MANIFEST
?X: is present. It is systematically "included" via the Finish unit (which
?X: is always present in every Configure script), although it may result in
?X: an empty inclusion when no MANIFEST is present.
?X:
?MAKE:Chk_MANI: Begin c n rsrc
?MAKE: -pick wipe $@ %<
?T:filelist ans tmppwd
?X: This check happens at metaconfig-time, so it's ok to hard-code the path.
@if {test -f ../MANIFEST}
: Now test for existence of everything in MANIFEST
echo " "
if test -f "$rsrc/MANIFEST"; then
 echo "First let's make sure your kit is complete.  Checking..." >&4
?X:
?X: Files spelled uppercased and beginning with PACK are produced by the
?X: shell archive builder and may be removed by the user. Usually, they are
?X: not listed in the MANIFEST file, but you never know...
?X:
?X: "split -l" is the new way of running a split, but we also try the older way
?X:
 awk '$1 !~ /PACK[A-Z]+/ {print $1}' "$rsrc/MANIFEST" | \
  (split -l 50 2>/dev/null || split -50)
 rm -f missing
 tmppwd=`pwd`
 for
 filelist in x??; do
  (cd "$rsrc"; ls `cat "$tmppwd/$filelist"` \
   >/dev/null 2>>"$tmppwd/missing")
 done
 if test -s missing; then
  cat missing >&4
  cat >&4 <<'EOM'

THIS PACKAGE SEEMS TO BE INCOMPLETE.

You have the option of continuing the configuration process, despite the
distinct possibility that your kit is damaged, by typing 'y'es.  If you
do, don't blame me if something goes wrong.  I advise you to type 'n'o
and contact the author (<MAINTLOC>).
```

```
EOM
?X: Can't use $echo at this early stage
  echo $n "Continue? [n] $c" >&4
  read ans
  case "$ans" in
  y*)
   echo "Continuing..." >&4
   rm -f missing
   ;;
  *)
?X:
?X: Use kill and not exit, so that the trap gets executed to clean up
?X:
   echo "ABORTING..." >&4
   kill $$
   ;;
  esac
 else
  echo "Looks good..."
 fi
else
 echo "There is no MANIFEST file.  I hope your kit is complete !"
fi
rm -f missing x??

@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Chk_MANI.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1996, Andy Dougherty
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: d_sigsetjmp.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  15:44:33  ram
```

```
?RCS: patch61: created
?RCS:
?MAKE:d_sigsetjmp: Setvar cat +cc +ccflags +ldflags libs rm
?MAKE: -pick add $@ %<
?S:d_sigsetjmp:
?S: This variable conditionally defines the HAS_SIGSETJMP symbol,
?S: which indicates that the sigsetjmp() routine
 is available to
?S: call setjmp() and optionally save the process's signal mask.
?S:.
?C:HAS_SIGSETJMP:
?C: This variable indicates to the C program that the sigsetjmp()
?C: routine is available to save the calling process's registers
?C: and stack environment for later use by siglongjmp(), and
?C: to optionally save the process's signal mask.  See
?C: Sigjmp_buf, Sigsetjmp, and Siglongjmp.
?C:.
?C:Sigjmp_buf:
?C: This is the buffer type to be used with Sigsetjmp and Siglongjmp.
?C:.
?C:Sigsetjmp:
?C: This macro is used in the same way as sigsetjmp(), but will invoke
?C: traditional setjmp() if sigsetjmp isn't available.
?C: See HAS_SIGSETJMP.
?C:.
?C:Siglongjmp:
?C: This macro is used in the same way as siglongjmp(), but will invoke
?C: traditional longjmp() if siglongjmp isn't available.
?C: See HAS_SIGSETJMP.
?C:.
?H:?%<:#$d_sigsetjmp HAS_SIGSETJMP /**/
?H:?%<:#ifdef HAS_SIGSETJMP
?H:?%<:#define Sigjmp_buf sigjmp_buf
?H:?%<:#define Sigsetjmp(buf,save_mask) sigsetjmp((buf),(save_mask))
?H:?%<:#define
 Siglongjmp(buf,retval) siglongjmp((buf),(retval))
?H:?%<:#else
?H:?%<:#define Sigjmp_buf jmp_buf
?H:?%<:#define Sigsetjmp(buf,save_mask) setjmp((buf))
?H:?%<:#define Siglongjmp(buf,retval) longjmp((buf),(retval))
?H:?%<:#endif
?H:.
?W:%<:Sigjmp_buf Sigsetjmp Siglongjmp
?F:!set
?LINT:set d_sigsetjmp
: see if sigsetjmp exists
?X: We can't check for these symbols with Inlibc because sigsetjmp
?X: is (sometimes? always?) a macro under GCC
```

```
echo " "
case "$d_sigsetjmp" in
")
 $cat >set.c <<'EOP'
#include <setjmp.h>
sigjmp_buf env;
int set = 1;
int main()
{
 if (sigsetjmp(env,1))
  exit(set);
 set = 0;
 siglongjmp(env, 1);
 exit(1);
}
EOP
 if $cc $ccflags $ldflags -o set set.c $libs > /dev/null 2>&1 ; then
  if ./set >/dev/null 2>&1; then
   echo "POSIX sigsetjmp found." >&4
   val="$define"
  else
   $cat >&4 <<EOM
Uh-Oh! You have POSIX sigsetjmp and siglongjmp, but they do not work properly!!
I'll ignore them.
EOM
   val="$undef"
  fi
 else
  echo "sigsetjmp not found."
 >&4
  val="$undef"
 fi
 ;;
*) val="$d_sigsetjmp"
 case "$d_sigsetjmp" in
 $define) echo "POSIX sigsetjmp found." >&4;;
 $undef) echo "sigsetjmp not found." >&4;;
 esac
 ;;
esac
set d_sigsetjmp
eval $setvar
$rm -f set.c set
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_sigsetjmp.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_safebcpy.U,v 3.0.1.4 1997/02/28 15:40:58 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_safebcpy.U,v $
?RCS: Revision 3.0.1.4  1997/02/28  15:40:58  ram
?RCS: patch61: improved overlapping copy check
?RCS: patch61: comfort them if they have memmove
?RCS: patch61: added ?F: metalint hint
?RCS:
?RCS: Revision 3.0.1.3  1995/07/25  13:58:40  ram
?RCS: patch56: re-arranged compile line to include ldflags before objects
?RCS:
?RCS: Revision 3.0.1.2  1995/01/11  15:29:23  ram
?RCS: patch45: added 'ldflags' to the test compile line (ADO)
?RCS:
?RCS:
 Revision 3.0.1.1  1994/05/06  14:49:03  ram
?RCS: patch23: ensure string is not optimized in read-only memory (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:06:58  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_safebcpy: cat d_bcopy Compile rm_try run \
 d_memmove i_memory i_stdlib i_string i_unistd Oldconfig Setvar
?MAKE: -pick add $@ %<
?S:d_safebcpy:
?S: This variable conditionally defines the HAS_SAFE_BCOPY symbol if
?S: the bcopy() routine can do overlapping copies.  Normally, you
?S: should probably use memmove().
?S:.
?C:HAS_SAFE_BCOPY (SAFE_BCOPY):
?C: This symbol, if defined, indicates that the bcopy routine is available
?C: to copy potentially overlapping memory blocks. Normally, you should
?C: probably use memmove() or memcpy(). If neither is defined, roll your
?C: own version.
?C:.
?H:#$d_safebcpy HAS_SAFE_BCOPY /**/
?H:.
?F:!try
```

```
?LINT: set d_safebcpy
: can bcopy handle overlapping blocks?
echo " "
?X: assume the worst.
val="$undef"
case "$d_memmove" in
"$define")
 echo "I'll use memmove() instead of bcopy() for overlapping copies." ;;
*) case "$d_bcopy" in
 "$define")
  echo "Checking to see if bcopy() can do overlapping copies..." >&4
  $cat >try.c <<EOCP
#$i_memory I_MEMORY
#$i_stdlib I_STDLIB
#$i_string I_STRING
#$i_unistd I_UNISTD
EOCP
 $cat >>try.c <<'EOCP'
#include <stdio.h>
#ifdef I_MEMORY
#  include <memory.h>
#endif
#ifdef I_STDLIB
#  include <stdlib.h>
#endif
#ifdef I_STRING
#  include <string.h>
#else
#  include <strings.h>
#endif
#ifdef I_UNISTD
#  include <unistd.h>  /* Needed for NetBSD */
#endif
int main()
{
char buf[128], abc[128];
char *b;
int len;
int off;
int align;

/* Copy "abcde..." string to char abc[] so that gcc doesn't
  try to store the string in read-only memory. */
bcopy("abcdefghijklmnopqrstuvwxyz0123456789", abc, 36);

for (align = 7; align >= 0; align--) {
 for (len = 36; len; len--) {
  b = buf+align;
```

```
  bcopy(abc, b, len);
  for (off = 1; off <= len; off++) {
   bcopy(b, b+off, len);
   bcopy(b+off,
 b, len);
   if (bcmp(b, abc, len))
    exit(1);
  }
 }
}
exit(0);
}
EOCP
  set try
  if eval $compile_ok; then
   if $run ./try 2>/dev/null; then
    echo "Yes, it can."
    val="$define"
   else
    echo "It can't, sorry."
   fi
  else
   echo "(I can't compile the test program, so we'll assume not...)"
  fi
  ;;
 esac
 $rm_try
 ;;
esac
set d_safebcpy
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_safebcpy.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_trunc: Inlibc
?MAKE: -pick add $@ %<
?S:d_trunc:
?S: This variable conditionally defines the HAS_TRUNC symbol, which
?S: indicates to the C program that the trunc() routine is available
?S: to round doubles towards zero.
?S:.
?C:HAS_TRUNC:
```

```
?C: This symbol, if defined, indicates that the trunc routine is
?C: available to round doubles towards zero.
?C:.
?H:#$d_trunc HAS_TRUNC  /**/
?H:.
?LINT:set d_trunc
: see if trunc exists
set trunc d_trunc
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_trunc.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_msgsnd.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_msgsnd.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:41  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_msgsnd: Inlibc
?MAKE: -pick add $@ %<
?S:d_msgsnd:
?S: This variable conditionally defines the HAS_MSGSND symbol, which
?S: indicates to the C program that the msgsnd() routine is available.
?S:.
?C:HAS_MSGSND:
?C: This symbol, if defined, indicates that the msgsnd() routine is
?C: available to send a message into the message queue.
?C:.
?H:#$d_msgsnd
 HAS_MSGSND  /**/
?H:.
?LINT:set d_msgsnd
: see if msgsnd exists
set msgsnd d_msgsnd
eval $inlibc
```

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_msgsnd.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Inhdr.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Inhdr.U,v $
?RCS: Revision 3.0.1.2  1995/05/12  12:01:31  ram
?RCS: patch54: deleted tabs that caused some /bin/sh to core dump (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  15:55:01  ram
?RCS: patch36: call ./whoa explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:01  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit checks wether a set of header files exists or not.
?X: If the first header is not
 found, the function tries to locate
?X: the next header, and so on, until one is found or there is no
?X: more header in the list.
?X:
?X: To use it, say:
?X: set header i_header [ header2 i_header2 ... ]
?X: eval $inhdr
?X:
?MAKE:Inhdr: test Findhdr Whoa
?MAKE: -pick add $@ %<
?LINT:define inhdr
?V:inhdr
?S:inhdr:
?S: This shell variable is used internally by Configure to check
?S: wether a set of headers exist or not. A typical use is:
?S:  set header i_header [ header2 i_header2 ... ]
?S:  eval $inhdr
?S: That will print a message, saying wether header was found or not
?S: and set i_header* accordingly. If the first header is not found,
?S: we try the next one, until the list is empty or one is found.
?S:.
```

```
?T:xxx xxf var td xxnf tu yyy instead was cont
: define an alternate in-header-list? function
inhdr='echo " "; td=$define; tu=$undef; yyy=$@;
cont=true; xxf="echo \"<\$1> found.\" >&4";
case $# in 2) xxnf="echo \"<\$1> NOT found.\" >&4";;
*) xxnf="echo \"<\$1> NOT found, ...\" >&4";;
esac;
case
 $# in 4) instead=instead;; *) instead="at last";; esac;
while $test "$cont"; do
 xxx=`./findhdr $1`
 var=$2; eval "was=\$$2";
 if $test "$xxx" && $test -r "$xxx";
 then eval $xxf;
?X: Next line shifted left 1 tabstop to avoid sh core dump on MachTen 2.1.1.
 eval "case \"\$$var\" in $undef) . ./whoa; esac"; eval "$var=\$td";
  cont="";
 else eval $xxnf;
?X: Likewise, the next line has been shifted left 1 tabstop -- ADO, 08/03/95
 eval "case \"\$$var\" in $define) . ./whoa; esac"; eval "$var=\$tu"; fi;
 set $yyy; shift; shift; yyy=$@;
 case $# in 0) cont="";;
 2) xxf="echo \"but I found <\$1> $instead.\" >&4";
  xxnf="echo \"and I did not find <\$1> either.\" >&4";;
 *) xxf="echo \"but I found <\$1\> instead.\" >&4";
  xxnf="echo \"there is no <\$1>, ...\" >&4";;
 esac;
done;
?X: Remaining values are set to 'undef'
while $test "$yyy";
do set $yyy; var=$2; eval "was=\$$2";
 eval "case \"\$$var\" in $define) . ./whoa; esac"; eval "$var=\$tu";
 set $yyy; shift; shift; yyy=$@;
done'
```

Found
 in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Inhdr.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: cppfilecom.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Orginal Author: Graham Stoney <greyham@research.canon.oz.au>
?RCS:
?RCS: $Log: cppfilecom.U,v $
?RCS: Revision 3.0  1993/08/18  12:05:37  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:cppfilecom cppstdinflags d_cppignhdrs d_cppcanstdin: \
 contains package test Myread Oldconfig Loc Setvar cpp cc cat rm
?MAKE: -pick add $@ %<
?S:cppfilecom:
?S: This variable contains the first part of the string which will invoke
?S: the C preprocessor a file
 and produce to standard output, preserving
?S: comments. Typical value of "cc -E -C" or "/lib/cpp -C".
?S:.
?S:cppstdinflags:
?S: This variable contains any flags necessary to get cppfilecom to read
?S: from the standard input.
?S:.
?S:d_cppignhdrs:
?S: This symbol conditionally defines CPP_IGN_HDRS if CPP_FILE_COM ignores
?S: *.h files.
?S:.
?S:d_cppcanstdin:
?S: This symbol conditionally defines CPP_CAN_STDIN if CPP_FILE_COM can
?S: read standard input directly.
?S:.
?C:CPP_FILE_COM (CPPFILECOM):
?C: This symbol contains the first part of the string which will invoke
?C: the C preprocessor a file and produce to standard output, preserving
?C: comments. Typical value of "cc -E -C" or "/lib/cpp -C".
?C:.
?C:CPP_STDIN_FLAGS (CPPSTDINFLAGS):
?C: This variable contains any flags necessary to get CPP_FILE_COM to
?C: read from the standard input.
?C:.
?C:CPP_IGN_HDRS (CPPIGNHDRS):
?C: This symbol is defined if CPP_FILE_COM ignores *.h files.
?C:.
?C:CPP_CAN_STDIN (CPPCANSTDIN):
?C: This
 symbol is defined if CPP_FILE_COM can read standard input
?C: directly.
?C:.
?H:#define CPP_FILE_COM "$cppfilecom"
```

```
?H:#define CPP_STDIN_FLAGS "$cppstdinflags"
?H:#$d_cppignhdrs CPP_IGN_HDRS  /* does CPP ignore .h files? */
?H:#$d_cppcanstdin CPP_CAN_STDIN  /* can CPP read stdin directly? */
?H:.
?T:cont
?F:!testcpp.c !testcpp.h !testcpp.out
?LINT:set d_cppcanstdin d_cppignhdrs
?LINT:usefile testcpp.c testcpp.out
: see how we invoke the C preprocessor
$cat <<EOM

$package needs to be able to preprocess its input files in a mode which
preserves comments, which is often not the default behaviour.  It should run
the C preprocessor you will use when compiling your own source code, which
should be ISO/ANSI C compliant if you want $package to handle the latest
standard C.  I will try to guess, but I might guess wrongly because it is not
necessarily the same preprocessor used to build $package.

EOM
$cat <<'EOT' >testcpp.c
#define ABC abc
#define XYZ xyz
ABC.XYZ
/* comment */
EOT
:
if $test "X$cppfilecom"
 != "X" && \
 $cppfilecom testcpp.c </dev/null >testcpp.out 2>/dev/null && \
 $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 && \
 $contains comment testcpp.out >/dev/null 2>&1
then
 echo "You used to use $cppfilecom so we'll use that again."
elif echo 'Maybe "'$cc' -E -C" will work...' && \
 $cc -E -C testcpp.c </dev/null >testcpp.out 2>/dev/null && \
 $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 && \
 $contains comment testcpp.out >/dev/null 2>&1
then
 echo "It works!"
 cppfilecom="$cc -E -C"
elif echo 'Nope...maybe """$cc"' -P -C" will work...' && \
 $cc -P -C testcpp.c </dev/null >testcpp.out 2>/dev/null && \
 $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 && \
 $contains comment testcpp.out >/dev/null 2>&1
then
 echo "Yup, that does."
 cppfilecom="$cc -P -C"
elif echo 'No such luck, maybe """$cpp"' -C" will work...' && \
```

```
 $cpp -C testcpp.c </dev/null >testcpp.out 2>/dev/null && \
 $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 && \
 $contains comment testcpp.out
 >/dev/null 2>&1
then
 echo "Yup, it does."
 cppfilecom="$cpp -C"
else
 cppfilecom=''
 $cat <<'EOM'
I can't find a C preprocessor that will preserve comments. Please name one.
EOM
fi
:
dflt="$cppfilecom"
cont=true
while $test "$cont" ; do
 echo " "
 rp="How should $package run your preprocessor preserving comments?"
 . ./myread
 cppfilecom="$ans"
 $cppfilecom testcpp.c >testcpp.out 2>&1
 if $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 && \
  $contains comment testcpp.out >/dev/null 2>&1
 then
  echo "OK, that will do."
  cont=''
 else
  echo "Sorry, I can't get that to work."
 fi
done

@if CPP_IGN_HDRS || d_cppignhdrs
: Now see if it ignores header files.
cp testcpp.c testcpp.h
$cppfilecom testcpp.h >testcpp.out 2>&1
if $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 && \
 $contains comment testcpp.out >/dev/null 2>&1
then
 echo "Terrific; it processes .h files passed on the command line too."
 val="$undef"
else
 echo "It ignores .h files on the command line; pity."
 val="$define"
fi
set
 d_cppignhdrs
eval $setvar
```

```
@end
@if CPP_STDIN_FLAGS || CPP_CAN_STDIN || cppstdinflags || d_cppcanstdin
: Now see how to send stdin to it.
echo " "
cp testcpp.c testcpp.h
$cppfilecom <testcpp.h >testcpp.out 2>&1
if $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 && \
 $contains comment testcpp.out >/dev/null 2>&1
then
 echo "Great; and it will read stdin if passed no arguments."
 val="$define"
 cppstdinflags=''
else
 $cppfilecom - <testcpp.h >testcpp.out 2>&1
 if $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 && \
  $contains comment testcpp.out >/dev/null 2>&1
 then
  echo "Great; and it can read stdin by passing it '-'."
  val="$define"
  cppstdinflags='-'
 else
  $cat <<FOO
Unfortunately, I can't find an easy way to get that preprocessor to read from
standard input. Do you know any flags I can pass it to get it to do so?
If that preprocessor can't read directly form standard input, answer 'none'.

FOO
 val='dunno'
 while $test "$val" = "dunno"; do
  rp='Flags to get preprocessor
 to read stdin?'
  dflt='none'
  . ./myread
  if $test $ans = 'none'; then
   echo "Oh well, if $package wants it done, it will do it for itself."
   val="$undef"
  else
   $cppfilecom $ans <testcpp.h >testcpp.out 2>&1
   if $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 && \
    $contains comment testcpp.out >/dev/null 2>&1
   then
    echo "Good; that works fine."
    val="$define"
    cppstdinflags="$ans"
   else
    echo "Sorry, I couldn't get that to work."
   fi
```

```
  fi
 done
 fi
fi
set d_cppcanstdin
eval $setvar

@end
: cleanup cpp test files anyway
$rm -f testcpp.*
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/cppfilecom.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: cpp_stuff.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  15:30:48  ram
?RCS: patch61: added cute quoting trick for wild stringify support
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  16:08:24  ram
?RCS: patch36: now uses cppstdin instead of plain cpp for consistency (ADO)
?RCS: patch36: remove temporary files when done
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:36  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:cpp_stuff cpp_quote: cat contains cppstdin cppflags cppminus rm Warn \
 package
?MAKE: -pick
 add $@ %<
?S:cpp_stuff:
?S: This variable contains an identification of the catenation mechanism
?S: used by the C preprocessor.
?S:.
?S:cpp_quote:
?S: This variable is set to either "" or " depending on whether the
?S: pre-processor pre-dates ANSI or not.  It is used in the production of
```

```
?S: the SQuoTe() and EQuoTe() macros, and was introduced to overcome a bug
?S: in gcc 3.x whereby the pre-processor complained loudly about the
?S: unterminated strings.
?S:.
?C:CAT2:
?C: This macro catenates 2 tokens together.
?C:.
?C:CAT3:
?C: This macro catenates 3 tokens together.
?C:.
?C:CAT4:
?C: This macro catenates 4 tokens together.
?C:.
?C:CAT5:
?C: This macro catenates 5 tokens together.
?C:.
?C:STRINGIFY:
?C: This macro surrounds its token with double quotes.
?C:.
?C:SCAT2:
?C: This macro catenates 2 tokens together and stringifies the result.
?C:.
?C:SCAT3:
?C: This macro catenates 3 tokens together and stringifies the result.
?C:.
?C:SCAT4:
?C: This macro catenates 4 tokens
 together and stringifies the result.
?C:.
?C:SCAT5:
?C: This macro catenates 5 tokens together and stringifies the result.
?C:.
?H:?%<:#if $cpp_stuff == 1
?H:?CAT2:#define CAT2(a,b)a/**/b
?H:?CAT3:#define CAT3(a,b,c)a/**/b/**/c
?H:?CAT4:#define CAT4(a,b,c,d)a/**/b/**/c/**/d
?H:?CAT5:#define CAT5(a,b,c,d,e)a/**/b/**/c/**/d/**/e
?H:?STRINGIFY:#define STRINGIFY(a)"a"
?H:?%<:#define SQuoTe(a)${cpp_quote}a
?H:?%<:#define EQuoTe(a)a${cpp_quote}
?H:?SCAT2:#define SCAT2(a,b)EQuoTe(SQuoTe(a)b)
?H:?SCAT3:#define SCAT3(a,b,c)EQuoTe(SQuoTe(a)b/**/c)
?H:?SCAT4:#define SCAT4(a,b,c,d)EQuoTe(SQuoTe(a)b/**/c/**/d)
?H:?SCAT5:#define SCAT5(a,b,c,d,e)EQuoTe(SQuoTe(a)b/**/c/**/d/**/e)
?H:?%<:#endif
?H:?%<:#if $cpp_stuff == 42
?X: The additional level of indirection enables these macros to be
?X: used as arguments to other macros.  See K&R 2nd ed., page 231.
```

```
?H:?%<:#define CaTiFy(a,b) a ## b
?H:?%<:#define CAT2(a,b) CaTiFy(a,b)
?H:?CAT3:#define CAT3(a,b,c) CAT2(CaTiFy(a,b),c)
?H:?CAT4:#define CAT4(a,b,c,d)
 CAT2(CaTiFy(a,b), CaTiFy(c,d))
?H:?CAT5:#define CAT5(a,b,c,d,e) CAT2(CAT2(CaTiFy(a,b), CaTiFy(c,d)), e)
?H:?%<:#define StGiFy(a)# a
?H:?STRINGIFY:#define STRINGIFY(a)StGiFy(a)
?H:?SCAT2:#define SCAT2(a,b)StGiFy(a) StGiFy(b)
?H:?SCAT3:#define SCAT3(a,b,c)StGiFy(a) StGiFy(b) StGiFy(c)
?H:?SCAT4:#define SCAT4(a,b,c,d)StGiFy(a) StGiFy(b) StGiFy(c) StGiFy(d)
?H:?SCAT5:#define SCAT5(a,b,c,d,e)StGiFy(a) StGiFy(b) StGiFy(c) StGiFy(d) StGiFy(e)
?H:?%<:#endif
?H:?%<:#if $cpp_stuff != 1 && $cpp_stuff != 42
?H:?%<:#include "Bletch: How does this C preprocessor catenate tokens?"
?H:?%<:#endif
?H:.
?W:%<:CAT2 CAT3 CAT4 CAT5 STRINGIFY SCAT2 SCAT3 SCAT4 SCAT5
?F:!cpp_stuff.c
?LINT:known StGiFy EQuoTe SQuoTe CaTiFy
: how do we catenate cpp tokens here?
echo " "
echo "Checking to see how your cpp does stuff like catenate tokens..." >&4
cpp_quote="
$cat >cpp_stuff.c <<'EOCP'
#define RCAT(a,b)a/**/b
#define ACAT(a,b)a ## b
RCAT(Rei,ser)
ACAT(Cir,cus)
EOCP
$cppstdin $cppflags $cppminus <cpp_stuff.c >cpp_stuff.out
 2>&1
if $contains 'Circus' cpp_stuff.out >/dev/null 2>&1; then
 echo "Oh!  Smells like ANSI's been here."
 echo "We can catify or stringify, separately or together!"
 cpp_stuff=42
elif $contains 'Reiser' cpp_stuff.out >/dev/null 2>&1; then
 echo "Ah, yes!  The good old days!"
 cpp_stuff=1
 $cat >cpp_stuff.c <<'EOCP'
#define SQuoTe(a)"a
#define EQuoTe(a)a"
#define CAT2(a,b)EQuoTe(SQuoTe(a)b)
CAT2(Vic,tory)
EOCP
 $cppstdin $cppflags $cppminus <cpp_stuff.c >cpp_stuff.out 2>&1
 if $contains '"Victory"' cpp_stuff.out >/dev/null 2>&1; then
  echo "I'll resort to a cute trick to also be able to stringify."
```

```
  cpp_quote=""
 else
  $cat <<EOM
However, in the good old days we don't know how to stringify and
catify at the same time...
@if SCAT2 || SCAT3 || SCAT4 || SCAT5
You might have to edit the values of the SCAT[2-5] macros in config.h...
@else
Hopefully, $package does not need this feature.
@end
EOM
 fi
else
 ./warn <<EOM
I can't seem to be able to catenate tokens with your cpp.
@if
 CAT2 || CAT3 || CAT4 || CAT5 || SCAT2 || SCAT3 || SCAT4 || SCAT5
You're going to have to edit the values of the following
macros in config.h:

@if CAT2 || CAT3 || CAT4 || CAT5
 CAT[2-5]
@end
@if SCAT2 || SCAT3 || SCAT4 || SCAT5
 SCAT[2-5]
@end

in order to let me compile.
@end
EOM
 cpp_stuff="/* Help! How do we handle cpp_stuff? */*/"
fi
$rm -f cpp_stuff.*

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/cpp_stuff.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: d_crypt.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
?RCS: $Log: d_crypt.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  15:31:47  ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:52  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_crypt cryptlib: Loc test xlibpth libpth Csym Setvar _a Inlibc
?MAKE: -pick add $@ %<
?S:d_crypt:
?S: This variable conditionally defines the CRYPT symbol, which
?S: indicates to the C program that the crypt() routine is available
?S: to
 encrypt passwords and the like.
?S:.
?S:cryptlib:
?S: This variable holds -lcrypt or the path to a libcrypt.a archive if
?S: the crypt() function is not defined in the standard C library. It is
?S: up to the Makefile to use this.
?S:.
?C:HAS_CRYPT (CRYPT):
?C: This symbol, if defined, indicates that the crypt routine is available
?C: to encrypt passwords and the like.
?C:.
?H:#$d_crypt HAS_CRYPT  /**/
?H:.
?LINT:set d_crypt
?T:val
: see if crypt exists
echo " "
set crypt d_crypt
eval $inlibc
case "$d_crypt" in
$define) cryptlib=" ;;
*) if set crypt val -f d_crypt; eval $csym; $val; then
  echo 'crypt() found.' >&4
  val="$define"
  cryptlib="
 else
  cryptlib=`./loc Slibcrypt$_a "" $xlibpth`
  if $test -z "$cryptlib"; then
   cryptlib=`./loc Mlibcrypt$_a "" $xlibpth`
  else
   cryptlib=-lcrypt
  fi
  if $test -z "$cryptlib"; then
   cryptlib=`./loc Llibcrypt$_a "" $xlibpth`
```

```
  else
   cryptlib=-lcrypt
  fi
  if $test -z "$cryptlib"; then
   cryptlib=`./loc libcrypt$_a ""
 $libpth`
  else
   cryptlib=-lcrypt
  fi
  if $test -z "$cryptlib"; then
   echo 'crypt() NOT found.' >&4
   val="$undef"
  else
   val="$define"
  fi
 fi
 set d_crypt
 eval $setvar
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_crypt.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_crypt_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_crypt_r crypt_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_crypt extern_C
?MAKE: -pick add $@ %<
?S:d_crypt_r:
?S: This variable conditionally defines the HAS_CRYPT_R symbol,
?S: which indicates to the C program that the crypt_r()
?S: routine is available.
?S:.
?S:crypt_r_proto:
?S: This variable encodes the prototype of crypt_r.
?S: It is zero if d_crypt_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_crypt_r
?S: is defined.
?S:.
```

```
?C:HAS_CRYPT_R:
?C: This symbol, if defined, indicates that the crypt_r routine
?C: is available to crypt re-entrantly.
?C:.
?C:CRYPT_R_PROTO:
?C: This
 symbol encodes the prototype of crypt_r.
?C: It is zero if d_crypt_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_crypt_r
?C: is defined.
?C:.
?H:#$d_crypt_r HAS_CRYPT_R /**/
?H:#define CRYPT_R_PROTO $crypt_r_proto /**/
?H:.
?T:try hdrs d_crypt_r_proto
: see if crypt_r exists
set crypt_r d_crypt_r
eval $inlibc
case "$d_crypt_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_crypt crypt.h"
 case "$d_crypt_r_proto:$usethreads" in
 ":define") d_crypt_r_proto=define
  set d_crypt_r_proto crypt_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_crypt_r_proto" in
 define)
 case "$crypt_r_proto" in
 "|0) try='char* crypt_r(const char*, const char*, struct crypt_data*);'
 ./protochk "$extern_C $try" $hdrs && crypt_r_proto=B_CCS ;;
 esac
 case "$crypt_r_proto" in
 "|0) try='char* crypt_r(const char*, const char*, CRYPTD*);'
 ./protochk "$extern_C $try" $hdrs && crypt_r_proto=B_CCD ;;
 esac
 case "$crypt_r_proto" in
 "|0) d_crypt_r=undef
  crypt_r_proto=0
  echo
 "Disabling crypt_r, cannot determine prototype." >&4 ;;
 * ) case "$crypt_r_proto" in
  REENTRANT_PROTO*) ;;
  *) crypt_r_proto="REENTRANT_PROTO_$crypt_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
```

```
 ;;
 *) case "$usethreads" in
  define) echo "crypt_r has no prototype, not using it." >&4 ;;
  esac
  d_crypt_r=undef
  crypt_r_proto=0
  ;;
 esac
 ;;
*) crypt_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_crypt_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getprotobynumber_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_getprotobynumber_r getprotobynumber_r_proto: Inlibc Protochk \
 Hasproto i_systypes usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_getprotobynumber_r:
?S: This variable conditionally defines the HAS_GETPROTOBYNUMBER_R symbol,
?S: which indicates to the C program that the getprotobynumber_r()
?S: routine is available.
?S:.
?S:getprotobynumber_r_proto:
?S: This variable encodes the prototype of getprotobynumber_r.
?S: It is zero if d_getprotobynumber_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getprotobynumber_r
?S: is defined.
?S:.
?C:HAS_GETPROTOBYNUMBER_R:
?C: This
 symbol, if defined, indicates that the getprotobynumber_r routine
?C: is available to getprotobynumber re-entrantly.
?C:.
?C:GETPROTOBYNUMBER_R_PROTO:
?C: This symbol encodes the prototype of getprotobynumber_r.
?C: It is zero if d_getprotobynumber_r is undef, and one of the
```

```
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getprotobynumber_r
?C: is defined.
?C:.
?H:#$d_getprotobynumber_r HAS_GETPROTOBYNUMBER_R /**/
?H:#define GETPROTOBYNUMBER_R_PROTO $getprotobynumber_r_proto /**/
?H:.
?T:try hdrs d_getprotobynumber_r_proto
: see if getprotobynumber_r exists
set getprotobynumber_r d_getprotobynumber_r
eval $inlibc
case "$d_getprotobynumber_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
 case "$d_getprotobynumber_r_proto:$usethreads" in
 ":define") d_getprotobynumber_r_proto=define
  set d_getprotobynumber_r_proto getprotobynumber_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_getprotobynumber_r_proto" in
 define)
 case "$getprotobynumber_r_proto"
 in
 "|0) try='int getprotobynumber_r(int, struct protoent*, char*, size_t, struct protoent**);'
 ./protochk "$extern_C $try" $hdrs && getprotobynumber_r_proto=I_ISBWR ;;
 esac
 case "$getprotobynumber_r_proto" in
 "|0) try='struct protoent* getprotobynumber_r(int, struct protoent*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getprotobynumber_r_proto=S_ISBI ;;
 esac
 case "$getprotobynumber_r_proto" in
 "|0) try='int getprotobynumber_r(int, struct protoent*, struct protoent_data*);'
 ./protochk "$extern_C $try" $hdrs && getprotobynumber_r_proto=I_ISD ;;
 esac
 case "$getprotobynumber_r_proto" in
 "|0) d_getprotobynumber_r=undef
  getprotobynumber_r_proto=0
  echo "Disabling getprotobynumber_r, cannot determine prototype." >&4 ;;
 * ) case "$getprotobynumber_r_proto" in
  REENTRANT_PROTO*) ;;
  *) getprotobynumber_r_proto="REENTRANT_PROTO_$getprotobynumber_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "getprotobynumber_r
```

```
 has no prototype, not using it." >&4 ;;
  esac
  d_getprotobynumber_r=undef
  getprotobynumber_r_proto=0
  ;;
 esac
 ;;
*) getprotobynumber_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getprotobynumber_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_statfs_s: \
 Hasstruct i_sysparam i_sysmount i_systypes \
 i_sysvfs i_sysstatfs Setvar
?MAKE: -pick add $@ %<
?S:d_statfs_s:
?S: This variable conditionally defines the HAS_STRUCT_STATFS symbol,
?S: which indicates that the struct statfs is supported.
?S:.
?C:HAS_STRUCT_STATFS:
?C: This symbol, if defined, indicates that the struct statfs
?C: to do statfs() is supported.
?C:.
?H:#$d_statfs_s HAS_STRUCT_STATFS /**/
?H:.
?LINT:set d_statfs_s
: Check for statfs_s
echo " "
echo "Checking to see if your system supports struct statfs..." >&4
set d_statfs_s statfs $i_systypes sys/types.h $i_sysparam sys/param.h $i_sysmount sys/mount.h $i_sysvfs sys/vfs.h
$i_sysstatfs sys/statfs.h
eval $hasstruct
case "$d_statfs_s"
 in
"$define")      echo "Yes, it does."   ;;
*)              echo "No, it doesn't." ;;
```

```
esac

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_statfs_s.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: sbrktype.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: sbrktype.U,v $
?RCS: Revision 3.0  1993/08/18  12:09:43  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:sbrktype: Myread Oldconfig Loc contains Findhdr
?MAKE: -pick add $@ %<
?S:sbrktype:
?S: This variable defines sbrktype to be something like caddr_t, char *,
?S: or whatever type is used to declare sbrk() in the kernel.
?S:.
?C:Caddr_t (SBRKTYPE):
?C: This symbol holds the type of a core address. It is inteded to be used
?C: to safely
 declare the return type of system calls like sbrk(). It might
?C: be necessary to include <sys/types.h> as well.
?C:.
?H:#define Caddr_t $sbrktype /* <core address> type */
?H:.
: see what type sbrk is declared as in the kernel
case "$sbrktype" in
")
 if $contains 'caddr_t;' `./findhdr sys/types.h` >/dev/null 2>&1 ; then
  dflt='caddr_t';
 else
  dflt='char *';
 fi
 ;;
*)  dflt="$sbrktype"
 ;;
esac
echo " "
```

```
rp="What is the return type of sbrk() on this system?"
. ./myread
sbrktype="$ans"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sbrktype.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysutsname.U,v $
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_sysutsname: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_sysutsname:
?S: This variable conditionally defines the I_SYSUTSNAME symbol,
?S: and indicates whether a C program should include <sys/utsname.h>.
?S:.
?C:I_SYSUTSNAME:
?C: This symbol, if defined, indicates that <sys/utsname.h> exists and
?C: should be included.
?C:.
?H:#$i_sysutsname I_SYSUTSNAME  /**/
?H:.
?LINT:set i_sysutsname
: see if this is a sys/utsname.h system
set sys/utsname.h i_sysutsname
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_sysutsname.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_gethostprotos.U,v $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
```

```
?MAKE:d_gethostprotos : Hasproto i_netdb
?MAKE: -pick add $@ %<
?S:d_gethostprotos:
?S: This variable conditionally defines the HAS_GETHOST_PROTOS symbol,
?S: which indicates to the C program that <netdb.h> supplies
?S: prototypes for the various gethost*() functions.
?S: See also netdbtype.U for probing for various netdb types.
?S:.
?C:HAS_GETHOST_PROTOS:
?C: This symbol, if defined, indicates that <netdb.h> includes
?C: prototypes for gethostent(), gethostbyname(), and
?C: gethostbyaddr().  Otherwise,
 it is up to the program to guess
?C: them.  See netdbtype.U for probing for various Netdb_xxx_t types.
?C:.
?H:#$d_gethostprotos HAS_GETHOST_PROTOS /**/
?H:.
?LINT:set d_gethostprotos
?X: This test actually only checks for gethostent() and assumes the
?X: others follow suit.  This test fails for ChorusOS, which has
?X: gethostbyname and gethostbyaddr, but not gethostent.
: see if prototypes for various gethostxxx netdb.h functions are available
echo " "
set d_gethostprotos gethostent $i_netdb netdb.h
eval $hasproto
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/d_gethostprotos.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_pwd.U,v 3.0.1.2 1995/07/25 14:10:57 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: i_pwd.U,v $
?RCS: Revision 3.0.1.2  1995/07/25  14:10:57  ram
?RCS: patch56: use setvar so hint file values can override our guesses (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/05/06  15:03:27  ram
?RCS: patch23: had forgotten cppminus in cppstdin test (ADO)
?RCS:
```

```
?RCS: Revision 3.0  1993/08/18  12:08:25  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit checks whether there is a pwd system or not
?X:
?MAKE:i_pwd d_pwquota d_pwage d_pwchange
 d_pwclass d_pwexpire \
 d_pwgecos d_pwpasswd d_pwcomment: \
 contains rm cppstdin cppflags cppminus Inhdr Findhdr Setvar
?MAKE: -pick add $@ %<
?S:i_pwd:
?S: This variable conditionally defines I_PWD, which indicates
?S: to the C program that it should include <pwd.h>.
?S:.
?S:d_pwquota:
?S: This variable conditionally defines PWQUOTA, which indicates
?S: that struct passwd contains pw_quota.
?S:.
?S:d_pwage:
?S: This variable conditionally defines PWAGE, which indicates
?S: that struct passwd contains pw_age.
?S:.
?S:d_pwchange:
?S: This variable conditionally defines PWCHANGE, which indicates
?S: that struct passwd contains pw_change.
?S:.
?S:d_pwclass:
?S: This variable conditionally defines PWCLASS, which indicates
?S: that struct passwd contains pw_class.
?S:.
?S:d_pwexpire:
?S: This variable conditionally defines PWEXPIRE, which indicates
?S: that struct passwd contains pw_expire.
?S:.
?S:d_pwcomment:
?S: This variable conditionally defines PWCOMMENT, which indicates
?S: that
 struct passwd contains pw_comment.
?S:.
?S:d_pwgecos:
?S: This variable conditionally defines PWGECOS, which indicates
?S: that struct passwd contains pw_gecos.
?S:.
?S:d_pwpasswd:
?S: This variable conditionally defines PWPASSWD, which indicates
?S: that struct passwd contains pw_passwd.
?S:.
```

```
?C:I_PWD:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <pwd.h>.
?C:.
?C:PWQUOTA:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_quota.
?C:.
?C:PWAGE:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_age.
?C:.
?C:PWCHANGE:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_change.
?C:.
?C:PWCLASS:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_class.
?C:.
?C:PWEXPIRE:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_expire.
?C:.
?C:PWCOMMENT:
?C: This
 symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_comment.
?C:.
?C:PWGECOS:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_gecos.
?C:.
?C:PWPASSWD:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_passwd.
?C:.
?H:#$i_pwd I_PWD  /**/
?H:#$d_pwquota PWQUOTA /**/
?H:#$d_pwage PWAGE /**/
?H:#$d_pwchange PWCHANGE /**/
?H:#$d_pwclass PWCLASS /**/
?H:#$d_pwexpire PWEXPIRE /**/
?H:#$d_pwcomment PWCOMMENT /**/
?H:#$d_pwgecos PWGECOS /**/
?H:#$d_pwpasswd PWPASSWD /**/
?H:.
?LINT: set i_pwd d_pwquota d_pwage d_pwchange d_pwclass d_pwexpire d_pwcomment
```

```
?LINT: set d_pwgecos d_pwpasswd
?T:xxx
: see if this is a pwd.h system
set pwd.h i_pwd
eval $inhdr

case "$i_pwd" in
$define)
 xxx=`./findhdr pwd.h`
 $cppstdin $cppflags $cppminus < $xxx >$$.h

 if $contains 'pw_quota' $$.h >/dev/null 2>&1; then
  val="$define"
 else
  val="$undef"
 fi
 set d_pwquota
 eval $setvar

 if $contains 'pw_age'
 $$.h >/dev/null 2>&1; then
  val="$define"
 else
  val="$undef"
 fi
 set d_pwage
 eval $setvar

 if $contains 'pw_change' $$.h >/dev/null 2>&1; then
  val="$define"
 else
  val="$undef"
 fi
 set d_pwchange
 eval $setvar

 if $contains 'pw_class' $$.h >/dev/null 2>&1; then
  val="$define"
 else
  val="$undef"
 fi
 set d_pwclass
 eval $setvar

 if $contains 'pw_expire' $$.h >/dev/null 2>&1; then
  val="$define"
 else
  val="$undef"
```

```
 fi
 set d_pwexpire
 eval $setvar

 if $contains 'pw_comment' $$.h >/dev/null 2>&1; then
  val="$define"
 else
  val="$undef"
 fi
 set d_pwcomment
 eval $setvar

 if $contains 'pw_gecos' $$.h >/dev/null 2>&1; then
  val="$define"
 else
  val="$undef"
 fi
 set d_pwgecos
 eval $setvar

 if $contains 'pw_passwd' $$.h >/dev/null 2>&1; then
  val="$define"
 else
  val="$undef"
 fi
 set d_pwpasswd
 eval $setvar

 $rm -f $$.h
 ;;
*)
 val="$undef";
 set d_pwquota; eval $setvar
 set d_pwage; eval $setvar
 set d_pwchange; eval $setvar
 set d_pwclass; eval $setvar
 set
 d_pwexpire; eval $setvar
 set d_pwcomment; eval $setvar
 set d_pwgecos; eval $setvar
 set d_pwpasswd; eval $setvar
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_pwd.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_bzero.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_bzero.U,v $
?RCS: Revision 3.0.1.2  1993/10/16  13:48:15  ram
?RCS: patch12: added magic support for bzero()
?RCS:
?RCS: Revision 3.0.1.1  1993/09/13  16:01:33  ram
?RCS: patch10: now only defines HAS_BZERO, no macro remap on memset (WAD)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:46  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_bzero: Inlibc
?MAKE: -pick add $@ %<
?S:d_bzero:
?S: This variable conditionally defines the HAS_BZERO
 symbol if
?S: the bzero() routine is available to set memory to 0.
?S:.
?C:HAS_BZERO:
?C: This symbol is defined if the bzero() routine is available to
?C: set a memory block to 0.
?C:.
?H:#$d_bzero HAS_BZERO /**/
?H:.
?M:bzero: HAS_BZERO
?M:#ifndef HAS_BZERO
?M:#ifndef bzero
?M:#define bzero(s,l) memset((s),0,(l))
?M:#endif
?M:#endif
?M:.
?LINT:set d_bzero
: see if bzero exists
set bzero d_bzero
eval $inlibc
```

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_bzero.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_readlink.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_readlink.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:11:52  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_readlink: Inlibc
?MAKE: -pick add $@ %<
?S:d_readlink:
?S: This variable conditionally defines the HAS_READLINK symbol, which
?S: indicates to the C program that the readlink() routine is available
?S: to read the value of a symbolic link.
?S:.
?C:HAS_READLINK :
?C: This
 symbol, if defined, indicates that the readlink routine is
?C: available to read the value of a symbolic link.
?C:.
?H:#$d_readlink HAS_READLINK  /**/
?H:.
?LINT:set d_readlink
: see if readlink exists
set readlink d_readlink
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_readlink.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2015 Jarkko Hietaniemi, H.Merijn Brand
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:longdblmantbits doublemantbits nvmantbits: Inlibc cat Compile run \
 rm_try Setvar echo i_sunmath usequadmath \
 d_longdbl longdblkind nvsize doublesize longdblsize
?MAKE: -pick add $@ %<
?S:doublemantbits:
?S: This symbol, if defined, tells how many mantissa bits
?S: there are in double precision floating point format.
?S: Note that this is usually DBL_MANT_DIG minus one, since
?S: with the standard IEEE 754 formats DBL_MANT_DIG includes
?S: the implicit bit which doesn't really exist.
?S:.
?S:longdblmantbits:
?S: This symbol, if defined, tells how many mantissa bits
?S: there are in long double precision floating point format.
?S: Note that this can be LDBL_MANT_DIG minus one,
?S: since
 LDBL_MANT_DIG can include the IEEE 754 implicit bit.
?S: The common x86-style 80-bit long double does not have
?S: an implicit bit.
?S:.
?S:nvmantbits:
?S: This variable tells how many bits the mantissa of a Perl NV has,
?S: not including the possible implicit bit.
?S:.
?C:DOUBLEMANTBITS:
?C: This symbol, if defined, tells how many mantissa bits
?C: there are in double precision floating point format.
?C: Note that this is usually DBL_MANT_DIG minus one, since
?C: with the standard IEEE 754 formats DBL_MANT_DIG includes
?C: the implicit bit, which doesn't really exist.
?C:.
?C:LONGDBLMANTBITS:
?C: This symbol, if defined, tells how many mantissa bits
?C: there are in long double precision floating point format.
?C: Note that this can be LDBL_MANT_DIG minus one,
?C: since LDBL_MANT_DIG can include the IEEE 754 implicit bit.
?C: The common x86-style 80-bit long double does not have
?C: an implicit bit.
?C:.
?C:NVMANTBITS:
?C: This symbol, if defined, tells how many mantissa bits
?C: (not
 including implicit bit) there are in a Perl NV.
?C: This depends on which floating point type was chosen.
?C:.
```

```
?H:#define DOUBLEMANTBITS  $doublemantbits
?H:#define LONGDBLMANTBITS $longdblmantbits
?H:#define NVMANTBITS      $nvmantbits
?H:.
?F:!try
: Check the length of the double mantissa
$echo "Checking how many mantissa bits your doubles have..." >&4
$cat >try.c <<EOP
#$i_sunmath I_SUNMATH
#include <float.h>
#ifdef I_SUNMATH
# include <sunmath.h>
#endif
#ifdef DBL_MANT_DIG
# define BITS (DBL_MANT_DIG - 1) /* the implicit bit does not count */
#endif
#include <stdio.h>
int main(int argc, char *argv[]) {
#ifdef BITS
 printf("%d\n", BITS);
#endif
 return 0;
}
EOP
set try
if eval $compile; then
   doublemantbits=`$run ./try`
else
   doublemantbits="$undef"
fi
$rm_try

: Check the length of the longdouble mantissa
$echo "Checking how many mantissa bits your long doubles have..." >&4
$cat >try.c <<EOP
#$i_sunmath I_SUNMATH
#include <float.h>
#ifdef I_SUNMATH
# include <sunmath.h>
#endif
#$d_longdbl
 HAS_LONG_DOUBLE
#if defined(HAS_LONG_DOUBLE) && defined(LDBL_MANT_DIG)
# if ($longdblkind == 3) || ($longdblkind == 4) /* 80-bit extended precision */
/* This format has no implicit bit.  Beware, however, that for
* this format the bare LDBL_MANT_DIG is misleading for inf/nan:
* the top three bits are used for inf (100) / qnan (11x) / snan (101),
* and the top bit must have been one since 387, zero is plain invalid.
```

```
* For normal fp values, the LDBL_MANT_DIG is fine, though. */
#  define BITS LDBL_MANT_DIG
# elif ($longdblkind == 5 || $longdblkind == 6 || $longdblkind == 7 || $longdblkind == 8) /* double double */
/* LDBL_MANT_DIG of 106 (twice 53) would be logical, but for some
* reason e.g. Irix thinks 107.  But in any case, we want only
* the number of real bits, the implicit bits are of no interest.  */
#  define BITS 2 * (DBL_MANT_DIG - 1)
# else
#  define BITS (LDBL_MANT_DIG - 1) /* the implicit bit does not count */
# endif
#endif
#include <stdio.h>
int
 main(int argc, char *argv[]) {
#ifdef BITS
 printf("%d\n", BITS);
#endif
 return 0;
}
EOP
set try
if eval $compile; then
   longdblmantbits=`$run ./try`
else
   longdblmantbits="$undef"
fi
$rm_try

: Check the length of the NV mantissa
$echo "Checking how many mantissa bits your NVs have..." >&4
if test "X$usequadmath" = "X$define"; then
 nvmantbits=112 # 128-1-15
else
 if test "X$nvsize" = "X$doublesize"; then
   nvmantbits="$doublemantbits"
 else
    if test "X$nvsize" = "X$longdblsize"; then
      nvmantbits="$longdblmantbits"
    else
      nvmantbits="$undef"
    fi
 fi
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/mantbits.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_memory.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_memory.U,v $
?RCS: Revision 3.0.1.3  1994/06/20  07:01:55  ram
?RCS: patch30: cosmetic changes
?RCS:
?RCS: Revision 3.0.1.2  1994/05/13  15:23:56  ram
?RCS: patch27: modified to avoid spurious Whoa warnings (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/05/06  15:02:25  ram
?RCS: patch23: avoid conflicts with <string.h>
?RCS:
?RCS: Revision 3.0  1993/08/18  12:08:22  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_memory: Inhdr strings cppstdin
 cppflags cppminus contains rm Setvar
?MAKE: -pick add $@ %<
?S:i_memory:
?S: This variable conditionally defines the I_MEMORY symbol, and indicates
?S: whether a C program should include <memory.h>.
?S:.
?C:I_MEMORY:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <memory.h>.
?C:.
?H:#$i_memory I_MEMORY  /**/
?H:.
?LINT:set i_memory
?X:
?X: Unfortunately, the definitions of memory functions sometimes
?X: conflict with those in <string.h>.  We'll assume that if
?X: <string.h> contains memcpy, then we don't need memory.h
?X:
: see if memory.h is available.
val=''
set memory.h val
eval $inhdr
```

```
: See if it conflicts with string.h
case "$val" in
$define)
 case "$strings" in
 ") ;;
 *)
  $cppstdin $cppflags $cppminus < $strings > mem.h
  if $contains 'memcpy' mem.h >/dev/null 2>&1; then
   echo " "
   echo "We won't be including <memory.h>."
   val="$undef"
  fi
  $rm -f mem.h
  ;;
 esac
esac
set i_memory
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_memory.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getsrvby.U,v $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_getsbyname d_getsbyport: Inlibc
?MAKE: -pick add $@ %<
?S:d_getsbyname:
?S: This variable conditionally defines the HAS_GETSERVBYNAME
?S: symbol, which indicates to the C program that the
?S: getservbyname() routine is available to look up services
?S: by their name.
?S:.
?S:d_getsbyport:
?S: This variable conditionally defines the HAS_GETSERVBYPORT
?S: symbol, which indicates to the C program that the
?S: getservbyport() routine is available to look up services
?S: by their port.
?S:.
?C:HAS_GETSERVBYNAME:
?C: This symbol, if defined, indicates that the getservbyname()
```

```
?C: routine is available to look up services by their name.
?C:.
?C:HAS_GETSERVBYPORT:
?C: This symbol, if defined,
 indicates that the getservbyport()
?C: routine is available to look up services by their port.
?C:.
?H:#$d_getsbyname HAS_GETSERVBYNAME  /**/
?H:#$d_getsbyport HAS_GETSERVBYPORT  /**/
?H:.
?LINT:set d_getsbyname d_getsbyport
: Optional checks for getsbyname and getsbyport

@if d_getsbyname || HAS_GETSERVBYNAME
: see if getservbyname exists
set getservbyname d_getsbyname
eval $inlibc
@end

@if d_getsbyport || HAS_GETSERVBYPORT
: see if getservbyport exists
set getservbyport d_getsbyport
eval $inlibc
@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_getsrvby.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_fstatfs : Inlibc
?MAKE: -pick add $@ %<
?S:d_fstatfs:
?S: This variable conditionally defines the HAS_FSTATFS symbol, which
?S: indicates to the C program that the fstatfs() routine is available.
?S:.
?C:HAS_FSTATFS:
?C: This symbol, if defined, indicates that the fstatfs routine is
?C: available to stat filesystems by file descriptors.
?C:.
?H:#$d_fstatfs HAS_FSTATFS  /**/
```

```
?H:.
?LINT:set d_fstatfs
: see if fstatfs exists
set fstatfs d_fstatfs
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fstatfs.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Mkdirp.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Extract.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  14:58:52  ram
?RCS: patch61: added support for src.U
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  15:51:46  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0  1993/08/18  12:04:52  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit produces a shell script which can launched to create a
?X: directory path like "mkdir -p" would do.
?X:
?MAKE:Mkdirp:
 eunicefix startsh
?MAKE: -pick add $@ %<
?F:./mkdirp
?T:name create file
: script used to emulate mkdir -p
cat >mkdirp <<EOS
$startsh
EOS
cat >>mkdirp <<'EOS'
name=$1;
create="";
while test $name; do
```

```
 if test ! -d "$name"; then
  create="$name $create"
  name=`echo $name | sed -e "s|^[^/]*$||"`
  name=`echo $name | sed -e "s|\(.*\)/.*|\1|"`
 else
  name=""
 fi
done
for file in $create; do
 mkdir $file
done
EOS
chmod +x mkdirp
$eunicefix mkdirp
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Mkdirp.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: baserev.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: baserev.U,v $
?RCS: Revision 3.0  1993/08/18  12:05:24  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:baserev: Null
?MAKE: -pick wipe $@ %<
?S:baserev:
?S: The base revision level of this package, from the .package file.
?S:.
: set the base revision
baserev=<BASEREV>
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/baserev.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
```

```
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_safemcpy.U,v $
?RCS: Revision 3.0.1.5  1997/02/28  15:41:12  ram
?RCS: patch61: improved overlapping copy check
?RCS: patch61: comfort them if they have memmove
?RCS: patch61: added ?F: metalint hint
?RCS:
?RCS: Revision 3.0.1.4  1995/07/25  13:58:46  ram
?RCS: patch56: re-arranged compile line to include ldflags before objects
?RCS:
?RCS: Revision 3.0.1.3  1995/03/21  08:47:26  ram
?RCS: patch52: swapped two first arguments of memcpy() calls
?RCS:
?RCS: Revision 3.0.1.2  1994/10/29  16:15:10
  ram
?RCS: patch36: added 'ldflags' to the test compile line (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/05/06  14:53:12  ram
?RCS: patch23: ensure string is not optimized in read-only memory (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:06:58  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_safemcpy: cat d_memcpy +cc +optimize +ccflags +libs +ldflags rm \
 d_memmove i_memory i_stdlib i_string i_unistd Oldconfig Setvar
?MAKE: -pick add $@ %<
?S:d_safemcpy:
?S: This variable conditionally defines the HAS_SAFE_MEMCPY symbol if
?S: the memcpy() routine can do overlapping copies.
?S:.
?C:HAS_SAFE_MEMCPY (SAFE_MEMCPY):
?C: This symbol, if defined, indicates that the memcpy routine is available
?C: to copy potentially overlapping memory blocks. Otherwise you should
?C: probably use memmove() or memcpy(). If neither is defined, roll your
?C: own version.
?C:.
?H:#$d_safemcpy HAS_SAFE_MEMCPY /**/
?H:.
?F:!safemcpy
?LINT: set d_safemcpy
```

```
: can memcpy handle overlapping blocks?
?X:
 assume the worst
val="$undef"
case "$d_memcpy" in
"$define")
 echo " "
 echo "Checking to see if your memcpy() can do overlapping copies..." >&4
 $cat >foo.c <<EOCP
#$i_memory I_MEMORY
#$i_stdlib I_STDLIB
#$i_string I_STRING
#$i_unistd I_UNISTD
EOCP
 $cat >>foo.c <<'EOCP'
#include <stdio.h>
#ifdef I_MEMORY
#  include <memory.h>
#endif
#ifdef I_STDLIB
#  include <stdlib.h>
#endif
#ifdef I_STRING
#  include <string.h>
#else
#  include <strings.h>
#endif
#ifdef I_UNISTD
#  include <unistd.h>  /* Needed for NetBSD */
#endif
int main()
{
char buf[128], abc[128];
char *b;
int len;
int off;
int align;

/* Copy "abcde..." string to char abc[] so that gcc doesn't
  try to store the string in read-only memory. */
memcpy(abc, "abcdefghijklmnopqrstuvwxyz0123456789", 36);

for (align = 7; align >= 0; align--) {
 for (len = 36; len; len--) {
  b = buf+align;
  memcpy(b, abc, len);
  for (off = 1; off <= len; off++) {
   memcpy(b+off, b, len);
```

```
   memcpy(b, b+off, len);
   if (memcmp(b, abc, len))
    exit(1);
  }
 }
}
exit(0);
}
EOCP
 if
 $cc $optimize $ccflags $ldflags \
      -o safemcpy foo.c $libs >/dev/null 2>&1; then
  if ./safemcpy 2>/dev/null; then
   echo "Yes, it can."
   val="$define"
  else
   echo "It can't, sorry."
   case "$d_memmove" in
   "$define") echo "But that's Ok since you have memmove()." ;;
   esac
  fi
 else
  echo "(I can't compile the test program, so we'll assume not...)"
  case "$d_memmove" in
  "$define") echo "But that's Ok since you have memmove()." ;;
  esac
 fi
 ;;
esac
$rm -f foo.* safemcpy core
set d_safemcpy
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_safemcpy.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_endpwent_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_endpwent_r endpwent_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_pwd extern_C
```

```
?MAKE: -pick add $@ %<
?S:d_endpwent_r:
?S: This variable conditionally defines the HAS_ENDPWENT_R symbol,
?S: which indicates to the C program that the endpwent_r()
?S: routine is available.
?S:.
?S:endpwent_r_proto:
?S: This variable encodes the prototype of endpwent_r.
?S: It is zero if d_endpwent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endpwent_r
?S: is defined.
?S:.
?C:HAS_ENDPWENT_R:
?C: This symbol, if defined, indicates that the endpwent_r routine
?C: is available to
 endpwent re-entrantly.
?C:.
?C:ENDPWENT_R_PROTO:
?C: This symbol encodes the prototype of endpwent_r.
?C: It is zero if d_endpwent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endpwent_r
?C: is defined.
?C:.
?H:#$d_endpwent_r HAS_ENDPWENT_R /**/
?H:#define ENDPWENT_R_PROTO $endpwent_r_proto /**/
?H:.
?T:try hdrs d_endpwent_r_proto
: see if endpwent_r exists
set endpwent_r d_endpwent_r
eval $inlibc
case "$d_endpwent_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_pwd pwd.h"
 case "$d_endpwent_r_proto:$usethreads" in
 ":define") d_endpwent_r_proto=define
  set d_endpwent_r_proto endpwent_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_endpwent_r_proto" in
 define)
 case "$endpwent_r_proto" in
 "|0) try='int endpwent_r(FILE**);'
 ./protochk "$extern_C $try" $hdrs && endpwent_r_proto=I_H ;;
 esac
 case "$endpwent_r_proto" in
 "|0) try='void endpwent_r(FILE**);'
 ./protochk "$extern_C $try" $hdrs && endpwent_r_proto=V_H ;;
```

```
 esac
 case "$endpwent_r_proto"
 in
"|0) d_endpwent_r=undef
  endpwent_r_proto=0
  echo "Disabling endpwent_r, cannot determine prototype." >&4 ;;
* ) case "$endpwent_r_proto" in
  REENTRANT_PROTO*) ;;
  *) endpwent_r_proto="REENTRANT_PROTO_$endpwent_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "endpwent_r has no prototype, not using it." >&4 ;;
  esac
  d_endpwent_r=undef
  endpwent_r_proto=0
  ;;
 esac
 ;;
*) endpwent_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_endpwent_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_poll.U 15 2006-08-30 18:21:51Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_poll.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  15:38:17  ram
?RCS: patch61: mention that <poll.h> can be included if HAS_POLL defined
?RCS:
?RCS: Revision 3.0.1.1  1995/01/11  15:26:31  ram
?RCS: patch45: created
?RCS:
?MAKE:d_poll: Inlibc
```

```
?MAKE: -pick add $@ %<
?S:d_poll:
?S: This variable conditionally defines the HAS_POLL symbol, which
?S: indicates to the C program that the poll() routine is available
?S: to poll active file descriptors.
?S:.
?C:HAS_POLL
 :
?C: This symbol, if defined, indicates that the poll routine is
?C: available to poll active file descriptors.  Please check I_POLL and
?C: I_SYS_POLL to know which header should be included as well.
?C:.
?H:#$d_poll HAS_POLL  /**/
?H:.
?LINT:set d_poll
: see if poll exists
set poll d_poll
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_poll.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysstat.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1996, Andy Dougherty
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_sysstat.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  15:48:30  ram
?RCS: patch61: created
?RCS:
?MAKE:i_sysstat: Inhdr
?MAKE: -pick add $@ %<
?S:i_sysstat:
?S: This variable conditionally defines the I_SYS_STAT symbol,
?S: and indicates whether a C program should include <sys/stat.h>.
?S:.
?C:I_SYS_STAT (I_SYSSTAT):
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/stat.h>.
```

```
?C:.
?H:#$i_sysstat I_SYS_STAT  /**/
?H:.
?LINT:set
 i_sysstat
: see if sys/stat.h is available
set sys/stat.h i_sysstat
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_sysstat.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_endprotoent_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_endprotoent_r endprotoent_r_proto: Inlibc Protochk Hasproto \
 i_systypes usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_endprotoent_r:
?S: This variable conditionally defines the HAS_ENDPROTOENT_R symbol,
?S: which indicates to the C program that the endprotoent_r()
?S: routine is available.
?S:.
?S:endprotoent_r_proto:
?S: This variable encodes the prototype of endprotoent_r.
?S: It is zero if d_endprotoent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endprotoent_r
?S: is defined.
?S:.
?C:HAS_ENDPROTOENT_R:
?C: This symbol, if defined, indicates that the endprotoent_r
 routine
?C: is available to endprotoent re-entrantly.
?C:.
?C:ENDPROTOENT_R_PROTO:
?C: This symbol encodes the prototype of endprotoent_r.
?C: It is zero if d_endprotoent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endprotoent_r
?C: is defined.
?C:.
?H:#$d_endprotoent_r HAS_ENDPROTOENT_R /**/
```

```
?H:#define ENDPROTOENT_R_PROTO $endprotoent_r_proto /**/
?H:.
?T:try hdrs d_endprotoent_r_proto
: see if endprotoent_r exists
set endprotoent_r d_endprotoent_r
eval $inlibc
case "$d_endprotoent_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
 case "$d_endprotoent_r_proto:$usethreads" in
 ":define") d_endprotoent_r_proto=define
  set d_endprotoent_r_proto endprotoent_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_endprotoent_r_proto" in
 define)
 case "$endprotoent_r_proto" in
 "|0) try='int endprotoent_r(struct protoent_data*);'
 ./protochk "$extern_C $try" $hdrs && endprotoent_r_proto=I_D ;;
 esac
 case "$endprotoent_r_proto"
 in
 "|0) try='void endprotoent_r(struct protoent_data*);'
 ./protochk "$extern_C $try" $hdrs && endprotoent_r_proto=V_D ;;
 esac
 case "$endprotoent_r_proto" in
 "|0) d_endprotoent_r=undef
  endprotoent_r_proto=0
  echo "Disabling endprotoent_r, cannot determine prototype." >&4 ;;
 * ) case "$endprotoent_r_proto" in
  REENTRANT_PROTO*) ;;
  *) endprotoent_r_proto="REENTRANT_PROTO_$endprotoent_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "endprotoent_r has no prototype, not using it." >&4 ;;
  esac
  d_endprotoent_r=undef
  endprotoent_r_proto=0
  ;;
 esac
 ;;
*) endprotoent_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_endprotoent_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Myinit.U,v $
?RCS: Revision 3.0.1.1  1994/10/31  09:47:29  ram
?RCS: patch44: leading comment states this unit comes before option processing
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:07  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: If you want to initialize any default values, copy this unit to your
?X: personal U directory and add the assignments to the end.  This file
?X: is included after variables are initialized but before any old
?X: config.sh file is read in and before
 any Configure switch processing.
?X:
?MAKE:Myinit: Init
?MAKE: -pick add $@ %<
?LINT: nocomment
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Myinit.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: mboxchar.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
?RCS: $Log: mboxchar.U,v $
?RCS: Revision 3.0.1.2  1995/07/25  14:13:12  ram
?RCS: patch56: ensure ctrl-A characters are visible in prompt (WED)
?RCS:
?RCS: Revision 3.0.1.1  1994/05/06  15:11:22  ram
?RCS: patch23: added support for MMDF mailboxes (WED)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:15  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:mboxchar: cat package shsharp Myread Oldconfig
?MAKE: -pick add $@ %<
?S:mboxchar:
?S: This variable
 contains the eventual value of the MBOXCHAR symbol,
?S: which is how a C program can identify a file as a mailbox.
?S:.
?C:MBOXCHAR:
?C: This symbol contains a character which will match the beginning
?C: of a mailbox file.
?C:.
?H:#define MBOXCHAR '$mboxchar'  /**/
?H:.
?T:CTRLA
?INIT:CTRLA=`echo a | tr a '\001'`
: determine how to determine when a file is a mailbox
case "$mboxchar" in
") dflt=F;;
?X: The following ^A is two-chars to ensure it will print out -- WED
"$CTRLA") dflt='^A';;
*)  dflt="$mboxchar";;
esac
$cat <<EOM

In saving articles, $package wants to differentiate between saving to
mailbox format files and normal files.  It does this by examining the
first character of the file in question.  On most systems the first line
starts with "From ...", so the first character is an F.  Other systems
use magic cookies like control codes between articles, so one of those
would be first.  For example, MMDF messages are separated with lines of
four control-A's (you may specify one
 as ^A, i.e. caret A).

EOM
rp="What's the first character of a mailbox file?"
. ./myread
mboxchar="$ans"
```

```
case "$mboxchar" in
'F') ;;
"$CTRLA") ;;
'^A'|'^a') mboxchar="$CTRLA";;
*)  cat <<'EOM'

You will need to edit the shell script mbox.saver to properly append an
article to a mailbox.  The arguments to the script are documented in
EOM
 case "$shsharp" in
 false) echo "comments in mbox.saver.std.";;
 true) echo "comments in the shell script itself.";;
 esac
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/mboxchar.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_lrint: Inlibc
?MAKE: -pick add $@ %<
?S:d_lrint:
?S: This variable conditionally defines the HAS_LRINT symbol, which
?S: indicates to the C program that the lrint() routine is available
?S: to return the integral value closest to a double (according
?S: to the current rounding mode).
?S:.
?C:HAS_LRINT:
?C: This symbol, if defined, indicates that the lrint routine is
?C: available to return the integral value closest to a double
?C: (according to the current rounding mode).
?C:.
?H:#$d_lrint HAS_LRINT  /**/
?H:.
?LINT:set d_lrint
: see if lrint exists
set lrint d_lrint
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_lrint.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_drem.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_drem.U,v $
?RCS: Revision 3.0.1.1  1994/10/29  16:12:14  ram
?RCS: patch36: created by ADO
?RCS:
?MAKE:d_drem: Inlibc
?MAKE: -pick add $@ %<
?S:d_drem:
?S: This variable conditionally defines the HAS_DREM symbol, which
?S: indicates to the C program that the drem() routine is available.
?S:.
?C:HAS_DREM :
?C: This symbol, if defined, indicates that the drem routine is
?C: available.
  This routine is roughly the same as fmod, i.e. it
?C: computes the remainder r=x-n*y, where n=rint(x/y), whereas fmod
?C: uses n=trunc(x/y).
?C:.
?H:#$d_drem HAS_DREM  /**/
?H:.
?LINT:set d_drem
: see if drem exists
set drem d_drem
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_drem.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: myhostname.U,v 3.0.1.3 1997/02/28 16:15:55 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: myhostname.U,v $
?RCS: Revision 3.0.1.3  1997/02/28  16:15:55  ram
?RCS: patch61: improved hostname lookup by using ypmatch when NIS is used
?RCS:
?RCS: Revision 3.0.1.2  1994/10/29  16:25:43  ram
?RCS: patch36: call ./xenix explicitly instead of relying on PATH
?RCS: patch36: now uses new Tr unit to convert to/from lowercase
?RCS:
?RCS: Revision 3.0.1.1  1994/06/20  07:06:20  ram
?RCS: patch30: now a little more clever for domain name guessing
?RCS:
?RCS:
 Revision 3.0  1993/08/18  12:09:18  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:myhostname phostname mydomain: contains sed test Myread Oldconfig \
 Guess Loc awk echo sort uniq +usrinc rm hostcat Tr
?MAKE: -pick add $@ %<
?S:myhostname (hostname):
?S: This variable contains the eventual value of the MYHOSTNAME symbol,
?S: which is the name of the host the program is going to run on.
?S: The domain is not kept with hostname, but must be gotten from mydomain.
?S: The dot comes with mydomain, and need not be supplied by the program.
?S:.
?S:mydomain:
?S: This variable contains the eventual value of the MYDOMAIN symbol,
?S: which is the domain of the host the program is going to run on.
?S: The domain must be appended to myhostname to form a complete host name.
?S: The dot comes with mydomain, and need not be supplied by the program.
?S:.
?S:phostname:
?S: This variable contains the eventual value of the PHOSTNAME symbol,
?S: which is a command that can be fed to popen()
 to get the host name.
?S: The program should probably not presume that the domain is or isn't
?S: there already.
?S:.
?C:MYHOSTNAME (HOSTNAME):
?C: This symbol contains name of the host the program is going to run on.
?C: The domain is not kept with hostname, but must be gotten from MYDOMAIN.
?C: The dot comes with MYDOMAIN, and need not be supplied by the program.
?C: If gethostname() or uname() exist, MYHOSTNAME may be ignored. If MYDOMAIN
?C: is not used, MYHOSTNAME will hold the name derived from PHOSTNAME.
?C:.
?C:MYDOMAIN:
```

```
?C: This symbol contains the domain of the host the program is going to
?C: run on.  The domain must be appended to HOSTNAME to form a complete
?C: host name.  The dot comes with MYDOMAIN, and need not be supplied by
?C: the program.  If the host name is derived from PHOSTNAME, the domain
?C: may or may not already be there, and the program should check.
?C:.
?H:#define MYHOSTNAME "$myhostname"  /**/
?H:#define MYDOMAIN "$mydomain"  /**/
?H:.
?LINT:extern osname
?T:cont
 i tans tmp_re
: now get the host name
echo " "
echo "Figuring out host name..." >&4
case "$myhostname" in
") cont=true
 echo 'Maybe "hostname" will work...'
 if tans=`sh -c hostname 2>&1` ; then
  myhostname=$tans
  phostname=hostname
  cont=''
 fi
 ;;
*) cont='';;
esac
if $test "$cont"; then
 if ./xenix; then
  echo 'Oh, dear.  Maybe "/etc/systemid" is the key...'
  if tans=`cat /etc/systemid 2>&1` ; then
   myhostname=$tans
   phostname='cat /etc/systemid'
   echo "Whadyaknow.  Xenix always was a bit strange..."
   cont=''
  fi
 elif $test -r /etc/systemid; then
  echo "(What is a non-Xenix system doing with /etc/systemid?)"
 fi
fi
if $test "$cont"; then
 echo 'No, maybe "uuname -l" will work...'
 if tans=`sh -c 'uuname -l' 2>&1` ; then
  myhostname=$tans
  phostname='uuname -l'
 else
  echo 'Strange.  Maybe "uname -n" will work...'
  if tans=`sh -c 'uname -n' 2>&1` ; then
   myhostname=$tans
```

```
   phostname='uname -n'
  else
   echo 'Oh well, maybe I can mine it out of whoami.h...'
   if
 tans=`sh -c $contains' sysname $usrinc/whoami.h' 2>&1` ; then
    myhostname=`echo "$tans" | $sed 's/^.*"\(.*\)"/\1/'`
    phostname="sed -n -e ""/sysname/s/^.*\"\\(.*\\)\"/\1/{"" -e p -e q -e '}' <$usrinc/whoami.h"
   else
    case "$myhostname" in
    ") echo "Does this machine have an identity crisis or something?"
     phostname=";;
    *)
     echo "Well, you said $myhostname before..."
     phostname='echo $myhostname';;
    esac
   fi
  fi
 fi
fi
case "$myhostname" in
") myhostname=noname ;;
esac
: you do not want to know about this
set $myhostname
myhostname=$1

: verify guess
if $test "$myhostname" ; then
 dflt=y
 rp='Your host name appears to be "'$myhostname'".' Right?"
 . ./myread
 case "$ans" in
 y*) ;;
 *) myhostname=";;
 esac
fi

: bad guess or no guess
while $test "X$myhostname" = X ; do
 dflt="
 rp="Please type the (one word) name of your host:"
 . ./myread
 myhostname="$ans"
done

: translate upper to lower if necessary
case "$myhostname" in
*[A-Z]*)
```

```
 echo
 "(Normalizing case in your host name)"
 myhostname=`echo $myhostname | ./tr '[A-Z]' '[a-z]'`
 ;;
esac

?X: Do not ask for domain name if this is not used later on. In that
?X: case, the hostname may keep its domain name, but it doesn't matter.
@if MYDOMAIN || mydomain
case "$myhostname" in
*.*)
 dflt=`expr "X$myhostname" : "X[^.]*\(\..*\)"`
 myhostname=`expr "X$myhostname" : "X\([^.]*\)\."`
 echo "(Trimming domain name from host name--host name is now $myhostname)"
 ;;
*) case "$mydomain" in
 ")
?X:
?X: There is currently no way to say we do not want hostcat if mydomain is not
?X: used. One way to achieve that would be to put that code in a mydomain.U
?X: unit. However, we want to stick the sanity checks right after the domain
?X: name computation, or if none is done, right after the hostname computation.
?X:
  {
?X: If we use NIS, try ypmatch.
   test "X$hostcat" = "Xypcat hosts" &&
   ypmatch "$myhostname" hosts 2>/dev/null |\
    $sed -e 's/[  ]*#.*//; s/$/ /' > hosts
 && \
   $test -s hosts
  } || {
?X: Extract only the relevant hosts, reducing file size,
?X: remove comments, insert trailing space for later use.
?X: Test to be sure we *have* a hostcat command.  os390 doesn't.
   test "X$hostcat" != "X" &&
   $hostcat | $sed -n -e "s/[  ]*#.*//; s/\$/ /
     /[  ]$myhostname[ . ]/p" > hosts
  }
  tmp_re="[ . ]"
  if $test -f hosts; then
   $test x`$awk "/[0-9].*[  ]$myhostname$tmp_re/ { sum++ }
        END { print sum }" hosts` = x1 || tmp_re="[  ]"
   dflt=.`$awk "/[0-9].*[  ]$myhostname$tmp_re/ {for(i=2; i<=NF;i++) print \\\$i}" \
    hosts | $sort | $uniq | \
    $sed -n -e "s/$myhostname\.\([-a-zA-Z0-9_.]\)/\1/p"`
   case `$echo X$dflt` in
   X*\ *) echo "(Several hosts in the database matched hostname)"
    dflt=.
```

```
  ;;
  X.) echo "(You do not have fully-qualified names in the hosts database)"
  ;;
  esac
 else
  echo "(I cannot locate a hosts database anywhere)"
  dflt=.
 fi
 case "$dflt" in
 .)
  tans=`./loc resolv.conf X /etc /usr/etc`
  if
$test -f "$tans"; then
   echo "(Attempting domain name extraction from $tans)"
?X: Look for either a search or a domain directive.
   dflt=.`$sed -n -e 's/ / /g' \
     -e 's/^search  *\([^ ]*\).*/\1/p' $tans \
     -e 1q 2>/dev/null`
   case "$dflt" in
   .) dflt=.`$sed -n -e 's/ / /g' \
        -e 's/^domain  *\([^ ]*\).*/\1/p' $tans \
        -e 1q 2>/dev/null`
    ;;
   esac
  fi
  ;;
 esac
 case "$dflt" in
 .) echo "(No help from resolv.conf either -- attempting clever guess)"
  dflt=.`sh -c domainname 2>/dev/null`
  case "$dflt" in
  ") dflt='.';;
  .nis.*|.yp.*|.main.*) dflt=`echo $dflt | $sed -e 's/^\.[^.]*//'`;;
  esac
  ;;
 esac
 case "$dflt$osname" in
 .os390) echo "(Attempting domain name extraction from //'SYS1.TCPPARMS(TCPDATA)')"
  dflt=.`awk '/^DOMAINORIGIN/ {print $2}' "//'SYS1.TCPPARMS(TCPDATA)'" 2>/dev/null`
  ;;
 esac
 case "$dflt" in
 .) echo "(Lost all hope -- silly guess then)"
  dflt='.nonet'
  ;;
 esac
 $rm -f hosts
 ;;
```

```
 *)
 dflt="$mydomain";;
 esac;;
esac
echo " "
rp="What is your domain name?"
. ./myread
tans="$ans"
case "$ans" in
") ;;
.*) ;;
*) tans=".$tans";;
esac
mydomain="$tans"

: translate upper to lower if necessary
case "$mydomain" in
*[A-Z]*)
 echo "(Normalizing case in your domain name)"
 mydomain=`echo $mydomain | ./tr '[A-Z]' '[a-z]'`
 ;;
esac

@end
: a little sanity check here
case "$phostname" in
") ;;
*)
 case `$phostname | ./tr '[A-Z]' '[a-z]'` in
 $myhostname$mydomain|$myhostname) ;;
 *)
  case "$phostname" in
  sed*)
   echo "(That doesn't agree with your whoami.h file, by the way.)"
   ;;
  *)
   echo "(That doesn't agree with your $phostname command, by the way.)"
   ;;
  esac
 ;;
 esac
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/myhostname.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: models.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: models.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  16:13:17  ram
?RCS: patch61: added ?F: metalint hint
?RCS:
?RCS: Revision 3.0.1.1  1993/08/25  14:02:39  ram
?RCS: patch6: added default for large
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:17  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:models split small medium large huge: test cat Myread sysman Oldconfig \
 Loc contains rm
?MAKE: -pick add $@ %<
?S:models:
?S: This variable contains
 the list of memory models supported by this
?S: system.  Possible component values are none, split, unsplit, small,
?S: medium, large, and huge.  The component values are space separated.
?S:.
?S:split:
?S: This variable contains a flag which will tell the C compiler and loader
?S: to produce a program that will run in separate I and D space, for those
?S: machines that support separation of instruction and data space.  It is
?S: up to the Makefile to use this.
?S:.
?S:small:
?S: This variable contains a flag which will tell the C compiler and loader
?S: to produce a program running with a small memory model.  It is up to
?S: the Makefile to use this.
?S:.
?S:medium:
?S: This variable contains a flag which will tell the C compiler and loader
?S: to produce a program running with a medium memory model.  If the
?S: medium model is not supported, contains the flag to produce large
?S: model programs.  It is up to the Makefile to use this.
?S:.
```

```
?S:large:
?S: This variable contains a flag
 which will tell the C compiler and loader
?S: to produce a program running with a large memory model.  It is up to
?S: the Makefile to use this.
?S:.
?S:huge:
?S: This variable contains a flag which will tell the C compiler and loader
?S: to produce a program running with a huge memory model.  If the
?S: huge model is not supported, contains the flag to produce large
?S: model programs.  It is up to the Makefile to use this.
?S:.
?T:unsplit tans modelcc
?F:!pdp11
?D:large=''
?LINT:extern cc
: see what memory models we can support
case "$models" in
'')
?X: We may not use Cppsym or we get a circular dependency through cc.
?X: But this should work regardless of which cc we eventually use.
 $cat >pdp11.c <<'EOP'
int main() {
#ifdef pdp11
 exit(0);
#else
 exit(1);
#endif
}
EOP
?X: Run cc in a subshell in case they don't have a 'cc' command.
?X: Presumably they do have gcc or something.
 case "$cc" in
 '') modelcc="$cc" ;;
 *) modelcc="cc" ;;
 esac
 ( $modelcc -o pdp11 pdp11.c ) >/dev/null 2>&1
 if
 $test -f pdp11 && ./pdp11 2>/dev/null; then
  dflt='unsplit split'
 else
  tans=`./loc . X /lib/small /lib/large /usr/lib/small /usr/lib/large /lib/medium /usr/lib/medium /lib/huge`
  case "$tans" in
  X) dflt='none';;
  *) if $test -d /lib/small || $test -d /usr/lib/small; then
    dflt='small'
   else
    dflt=''
```

```
   fi
   if $test -d /lib/medium || $test -d /usr/lib/medium; then
    dflt="$dflt medium"
   fi
   if $test -d /lib/large || $test -d /usr/lib/large; then
    dflt="$dflt large"
   fi
   if $test -d /lib/huge || $test -d /usr/lib/huge; then
    dflt="$dflt huge"
   fi
  esac
 fi;;
*) dflt="$models";;
esac
$cat <<EOM

Some systems have different model sizes.  On most systems they are called
small, medium, large, and huge.  On the PDP11 they are called unsplit and
split.  If your system doesn't support different memory models, say "none".
If you wish to force everything to one memory model, say "none" here and
put the appropriate flags later when it asks you for other
 cc and ld flags.
Venix systems may wish to put "none" and let the compiler figure things out.
(In the following question multiple model names should be space separated.)

The default for most systems is "none".

EOM
rp="Which memory models are supported?"
. ./myread
models="$ans"

case "$models" in
none)
 small="
 medium="
 large="
 huge="
 unsplit="
 split="
 ;;
*split)
 case "$split" in
 ") if $contains '\-i' $sysman/ld.1 >/dev/null 2>&1 || \
    $contains '\-i' $sysman/cc.1 >/dev/null 2>&1; then
   dflt='-i'
  else
   dflt='none'
```

```
 fi;;
*) dflt="$split";;
esac
rp="What flag indicates separate I and D space?"
. ./myread
tans="$ans"
case "$tans" in
none) tans=";;
esac
split="$tans"
unsplit=";;
*large*|*small*|*medium*|*huge*)
case "$models" in
*large*)
 case "$large" in
 ") dflt='-Ml';;
 *) dflt="$large";;
 esac
rp="What flag indicates large model?"
. ./myread
tans="$ans"
case "$tans" in
none) tans=";
esac
large="$tans";;
*) large=";;
esac
case "$models"
in
*huge*) case "$huge" in
 ") dflt='-Mh';;
 *) dflt="$huge";;
 esac
 rp="What flag indicates huge model?"
 . ./myread
 tans="$ans"
 case "$tans" in
 none) tans=";
 esac
 huge="$tans";;
*) huge="$large";;
esac
case "$models" in
*medium*) case "$medium" in
 ") dflt='-Mm';;
 *) dflt="$medium";;
 esac
 rp="What flag indicates medium model?"
```

```
  . ./myread
  tans="$ans"
  case "$tans" in
  none) tans=";
  esac
  medium="$tans";;
 *) medium="$large";;
 esac
 case "$models" in
 *small*) case "$small" in
  ") dflt='none';;
  *) dflt="$small";;
  esac
  rp="What flag indicates small model?"
  . ./myread
  tans="$ans"
  case "$tans" in
  none) tans=";
  esac
  small="$tans";;
 *) small=";;
 esac
 ;;
*)
 echo "Unrecognized memory models--you may have to edit Makefile.SH" >&4
 ;;
esac
$rm -f pdp11.* pdp11
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/models.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_stdlib.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_stdlib.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:27  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
```

```
?MAKE:i_stdlib: Inhdr
?MAKE: -pick add $@ %<
?S:i_stdlib:
?S: This variable conditionally defines the I_STDLIB symbol, which
?S: indicates to the C program that <stdlib.h> exists and should
?S: be included.
?S:.
?C:I_STDLIB:
?C: This symbol, if defined, indicates that <stdlib.h> exists and should
?C: be included.
?C:.
?H:#$i_stdlib I_STDLIB  /**/
?H:.
?LINT:set
 i_stdlib
: see if stdlib is available
set stdlib.h i_stdlib
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_stdlib.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the WRITEME file.
?RCS:
?MAKE:d_writev: Inlibc
?MAKE: -pick add $@ %<
?S:d_writev:
?S: This variable conditionally defines the HAS_WRITEV symbol, which
?S: indicates to the C program that the writev() routine is available.
?S:.
?C:HAS_WRITEV:
?C: This symbol, if defined, indicates that the writev routine is
?C: available to do scatter writes.
?C:.
?H:#$d_writev HAS_WRITEV  /**/
?H:.
?LINT:set d_writev
: see if writev exists
set writev d_writev
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_writev.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: selecttype.U,v $
?RCS: Revision 3.0.1.3  1997/02/28  16:20:09  ram
?RCS: patch61: always include <sys/select.h> when available for test
?RCS:
?RCS: Revision 3.0.1.2  1995/07/25  14:14:06  ram
?RCS: patch56: removed harmful spaces in assignment
?RCS:
?RCS: Revision 3.0.1.1  1994/06/20  07:06:31  ram
?RCS: patch30: created by ADO
?RCS:
?MAKE:selecttype: cat +cc +ccflags rm Oldconfig Myread \
 d_fd_set d_select d_socket i_systime
 i_sysselct
?MAKE: -pick add $@ %<
?S:selecttype:
?S: This variable holds the type used for the 2nd, 3rd, and 4th
?S: arguments to select.  Usually, this is 'fd_set *', if HAS_FD_SET
?S: is defined, and 'int *' otherwise.  This is only useful if you
?S: have select(), naturally.
?S:.
?C:Select_fd_set_t:
?C: This symbol holds the type used for the 2nd, 3rd, and 4th
?C: arguments to select.  Usually, this is 'fd_set *', if HAS_FD_SET
?C: is defined, and 'int *' otherwise.  This is only useful if you
?C: have select(), of course.
?C:.
?H:#define Select_fd_set_t  $selecttype /**/
?H:.
?T:xxx yyy
: check for type of arguments to select.  This will only really
: work if the system supports prototypes and provides one for
```

```
: select.
case "$d_select" in
$define)
 : Make initial guess
 case "$selecttype" in
 "|' ')
  case "$d_fd_set" in
  $define) xxx='fd_set *' ;;
  *) xxx='int *' ;;
  esac
  ;;
 *)  xxx="$selecttype"
  ;;
 esac
 : backup guess
 case "$xxx" in
 'fd_set *') yyy='int *'
 ;;
 'int *') yyy='fd_set *' ;;
 esac

 $cat <<EOM

Checking to see what type of arguments are expected by select().
EOM
 $cat >try.c <<EOCP
#$i_systime I_SYS_TIME
#$i_sysselct I_SYS_SELECT
#$d_socket HAS_SOCKET
#include <sys/types.h>
#ifdef HAS_SOCKET
#include <sys/socket.h> /* Might include <sys/bsdtypes.h> */
#endif
#ifdef I_SYS_TIME
#include <sys/time.h>
#endif
#ifdef I_SYS_SELECT
#include <sys/select.h>
#endif
int main()
{
 int width;
 Select_fd_set_t readfds;
 Select_fd_set_t writefds;
 Select_fd_set_t exceptfds;
 struct timeval timeout;
 select(width, readfds, writefds, exceptfds, &timeout);
 exit(0);
```

```
}
EOCP
 if $cc $ccflags -c -DSelect_fd_set_t="$xxx" try.c >/dev/null 2>&1 ; then
  selecttype="$xxx"
  echo "Your system uses $xxx for the arguments to select." >&4
 elif $cc $ccflags -c -DSelect_fd_set_t="$yyy" try.c >/dev/null 2>&1 ; then
  selecttype="$yyy"
  echo "Your system uses $yyy for the arguments to select." >&4
 else
  rp='What is the type for the 2nd, 3rd, and 4th arguments
 to select?'
  dflt="$xxx"
  . ./myread
  selecttype="$ans"
 fi
 $rm -f try.[co]
 ;;
*) selecttype='int *'
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/selecttype.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: yacc.U,v 3.0.1.1 1994/05/13 15:28:48 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: yacc.U,v $
?RCS: Revision 3.0.1.1  1994/05/13  15:28:48  ram
?RCS: patch27: added byacc as another alternative (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:10:03  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:yacc yaccflags: Guess Myread Oldconfig byacc bison cat test _exe
?MAKE: -pick add $@ %<
?S:yacc:
?S: This variable holds the name of the compiler compiler we
?S: want to use in the Makefile. It can be yacc, byacc, or bison -y.
```

```
?S:.
?S:yaccflags:
?S: This
 variable contains any additional yacc flags desired by the
?S: user.  It is up to the Makefile to use this.
?S:.
?T:comp
: determine compiler compiler
case "$yacc" in
")
 dflt=yacc;;
*)
 dflt="$yacc";;
esac
echo " "
comp='yacc'
if $test -f "$byacc$_exe"; then
 dflt="$byacc"
 comp="byacc or $comp"
fi
if $test -f "$bison$_exe"; then
 comp="$comp or bison -y"
fi
rp="Which compiler compiler ($comp) shall I use?"
. ./myread
yacc="$ans"
case "$yacc" in
*bis*)
 case "$yacc" in
 *-y*) ;;
 *)
  yacc="$yacc -y"
  echo "(Adding -y option to bison to get yacc-compatible behavior.)"
  ;;
 esac
 ;;
esac

@if yaccflags
: see if we need extra yacc flags
dflt="$yaccflags"
case "$dflt" in
") dflt=none;;
esac
$cat <<EOH

Your yacc program may need extra flags to normally process the parser sources.
Do NOT specify any -d or -v flags here, since those are explicitly known
```

```
by the various Makefiles. However, if your machine has strange/undocumented
options (like -Sr# on SCO to specify the
 maximum number of grammar rules), then
please add them here.  To use no flags, specify the word "none".

EOH
rp="Any additional yacc flags?"
. ./myread
case "$ans" in
none) yaccflags="";;
*) yaccflags="$ans";;
esac

@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/yacc.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_poll.U,v $
?RCS:
?RCS: Copyright (c) 2001 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_langinfo: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_langinfo:
?S: This variable conditionally defines the I_LANGINFO symbol,
?S: and indicates whether a C program should include <langinfo.h>.
?S:.
?C:I_LANGINFO:
?C: This symbol, if defined, indicates that <langinfo.h> exists and
?C: should be included.
?C:.
?H:#$i_langinfo I_LANGINFO  /**/
?H:.
?LINT:set i_langinfo
: see if this is a langinfo.h system
set langinfo.h i_langinfo
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_langinfo.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: uidtype.U,v 3.0.1.3 1994/08/29 16:33:25 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: uidtype.U,v $
?RCS: Revision 3.0.1.3  1994/08/29  16:33:25  ram
?RCS: patch32: now uses new Typedef unit to compute type information
?RCS:
?RCS: Revision 3.0.1.2  1994/06/20  07:09:36  ram
?RCS: patch30: comment for uidtype referred to the obsoleted symbol
?RCS:
?RCS: Revision 3.0.1.1  1994/05/13  15:28:27  ram
?RCS: patch27: made conformant to its gidtype.U companion
?RCS: patch27: question now explicitly mentions getuid()
?RCS:
?RCS: Revision 3.0  1993/08/18
  12:09:56  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:uidtype: Myread Typedef Findhdr
?MAKE: -pick add $@ %<
?S:uidtype:
?S: This variable defines Uid_t to be something like uid_t, int,
?S: ushort, or whatever type is used to declare user ids in the kernel.
?S:.
?C:Uid_t (UIDTYPE):
?C: This symbol holds the type used to declare user ids in the kernel.
?C: It can be int, ushort, uid_t, etc... It may be necessary to include
?C: <sys/types.h> to get any typedef'ed information.
?C:.
?H:#define Uid_t $uidtype  /* UID type */
?H:.
?T:xxx
: see what type uids are declared as in the kernel
echo " "
echo "Looking for the type for user ids returned by getuid()."
set uid_t uidtype xxx stdio.h sys/types.h
eval $typedef
case "$uidtype" in
xxx)
```

```
 xxx=`./findhdr sys/user.h`
 set `grep '_ruid;' "$xxx" 2>/dev/null` unsigned short
 case $1 in
 unsigned) dflt="$1 $2" ;;
 *) dflt="$1" ;;
 esac
 ;;
*) dflt="$uidtype";;
esac
case "$uidtype" in
uid_t) echo "uid_t found." ;;
*) rp="What
 is the type for user ids returned by getuid()?"
 . ./myread
 uidtype="$ans"
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/uidtype.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2001 Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_sresuproto: Hasproto i_unistd
?MAKE: -pick add $@ %<
?S:d_sresuproto:
?S: This variable conditionally defines the HAS_SETRESUID_PROTO symbol,
?S: which indicates to the C program that the system provides
?S: a prototype for the setresuid() function.  Otherwise, it is
?S: up to the program to supply one.
?S:.
?C:HAS_SETRESUID_PROTO:
?C: This symbol, if defined, indicates that the system provides
?C: a prototype for the setresuid() function.  Otherwise, it is up
?C: to the program to supply one.  Good guesses are
?C:  extern
 int setresuid(uid_t ruid, uid_t euid, uid_t suid);
?C:.
```

```
?H:#$d_sresuproto HAS_SETRESUID_PROTO /**/
?H:.
?LINT:set d_sresuproto
: see if prototype for setresuid is available
echo " "
set d_sresuproto setresuid $i_unistd unistd.h
eval $hasproto
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_sresuproto.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:siteman3dir siteman3direxp installsiteman3dir: Getfile \
 Setprefixvar prefix siteprefix man3dir sed
?MAKE: -pick add $@ %<
?Y:TOP
?D:siteman3dir="
?S:siteman3dir:
?S: This variable contains the name of the directory in which site-specific
?S: library man source pages are to be put.  It is the responsibility of the
?S: Makefile.SH to get the value of this into the proper command.
?S: You must be prepared to do the ~name expansion yourself.
?S: The standard distribution will put nothing in this directory.
?S: After
 perl has been installed, users may install their own local
?S: man3 pages in this directory with
?S:  MakeMaker Makefile.PL
?S: or equivalent.  See INSTALL for details.
?S:.
?D:siteman3direxp="
?S:siteman3direxp:
?S: This variable is the same as the siteman3dir variable, but is filename
?S: expanded at configuration time, for convenient use in makefiles.
?S:.
?D:installsiteman3dir="
?S:installsiteman3dir:
?S: This variable is really the same as siteman3direxp, unless you are using
```

```
?S: AFS in which case it points to the read/write location whereas
?S: man3direxp only points to the read-only access location. For extra
?S: portability, you should only use this variable within your makefiles.
?S:.
?LINT:change prefixvar
?LINT:set installsiteman3dir
?LINT:set siteman3dir
?LINT:set siteman3direxp
: determine where add-on library man pages go
case "$siteman3dir" in
") dflt=`echo $man3dir | $sed "s#^$prefix#$siteprefix#"` ;;
*) dflt=$siteman3dir ;;
esac
case "$dflt" in
"|' ') dflt=none ;;
esac
fn=dn+~
rp='Pathname
 where the site-specific library manual pages should be installed?'
. ./getfile
prefixvar=siteman3dir
. ./setprefixvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/siteman3dir.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: mansrc.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: mansrc.U,v $
?RCS: Revision 3.0.1.9  1997/02/28  16:12:03  ram
?RCS: patch61: don't ask for AFS when they choose to not install pages
?RCS:
?RCS: Revision 3.0.1.8  1995/09/25  09:16:58  ram
?RCS: patch59: unit is now forced to the top of Configure, if possible
?RCS:
?RCS: Revision 3.0.1.7  1995/02/15  14:15:31  ram
?RCS: patch51: was mistakenly duplicating /usr/local/man/man1 (ADO)
?RCS: patch51: added /opt/man/man1 to the lookpath (ADO)
```

```
?RCS:
?RCS: Revision
 3.0.1.6  1995/01/30  14:39:34  ram
?RCS: patch49: can now handle installation prefix changes (from WED)
?RCS:
?RCS: Revision 3.0.1.5  1995/01/11  15:32:25  ram
?RCS: patch45: can now use Loc variables since path stripping is deferred
?RCS:
?RCS: Revision 3.0.1.4  1994/08/29  16:30:38  ram
?RCS: patch32: now uses installation prefix for default setting
?RCS:
?RCS: Revision 3.0.1.3  1994/05/06  15:11:10  ram
?RCS: patch23: added lint hint, assuring that nroff is used
?RCS:
?RCS: Revision 3.0.1.2  1994/01/24  14:14:39  ram
?RCS: patch16: now uses _nroff in case user asked for portability
?RCS:
?RCS: Revision 3.0.1.1  1993/09/13  16:09:31  ram
?RCS: patch10: allows for L1 man page extension (WAD)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:14  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:mansrc mansrcexp manext installmansrc: afs cat nroff Loc Oldconfig \
 sysman spackage test Getfile Prefixit prefixexp Prefixup
?MAKE: -pick add $@ %<
?Y:TOP
?S:mansrc:
?S: This variable
 contains the name of the directory in which manual
?S: source pages are to be put.  It is the responsibility of the
?S: Makefile.SH to get the value of this into the proper command.
?S: You must be prepared to do the ~name expansion yourself.
?S:.
?S:mansrcexp:
?S: This variable is the same as the mansrc variable, but is filename
?S: expanded at configuration time, for convenient use in makefiles.
?S:.
?S:installmansrc:
?S: This variable is really the same as mansrcexp, unless you are using
?S: AFS in which case it points to the read/write location whereas
?S: mansrcexp only points to the read-only access location. For extra
?S: portability, you should only use this variable within your makefiles.
?S:.
?S:manext:
?S: This variable contains the extension that the manual page should
?S: have: one of 'n', 'l', or '1'.  The Makefile must supply the '.'.
?S: See mansrc.
```

```
?S:.
?T:lookpath
: determine where manual pages go
set mansrc mansrc none
eval $prefixit
$cat <<EOM

$spackage has manual
 pages available in source form.
EOM
case "$nroff" in
nroff)
 echo "However, you don't have nroff, so they're probably useless to you."
 case "$mansrc" in
 ") mansrc="none";;
 esac;;
esac
echo "If you don't want the manual sources installed, answer 'none'."
case "$mansrc" in
")
 lookpath="$prefixexp/share/man/man1 $prefixexp/man/man1"
 lookpath="$lookpath $prefixexp/man/u_man/man1 $prefixexp/man/l_man/man1"
 lookpath="$lookpath /usr/local/man/man1 /opt/man/man1 /usr/man/manl"
 lookpath="$lookpath /usr/share/man/man1 /usr/local/share/man/man1"
 lookpath="$lookpath /usr/man/local/man1 /usr/man/l_man/man1"
 lookpath="$lookpath /usr/local/man/u_man/man1 /usr/local/man/l_man/man1"
 lookpath="$lookpath /usr/man/man.L"
 mansrc=`./loc . $prefixexp/man/man1 $lookpath`
 if $test -d "$mansrc"; then
  dflt="$mansrc"
 else
  dflt="$sysman"
 fi
 set dflt
 eval $prefixup
 ;;
' ') dflt=none;;
*)  dflt="$mansrc"
 ;;
esac
echo " "
fn=dn~
rp='Where do the manual pages (source) go?'
. ./getfile
if test
 "X$mansrcexp" != "X$ansexp"; then
 installmansrc="
fi
```

```
mansrc="$ans"
mansrcexp="$ansexp"
case "$mansrc" in
") mansrc=' '
 installmansrc=";;
esac
if $afs && $test "$mansrc"; then
 $cat <<EOM

Since you are running AFS, I need to distinguish the directory in which
manual pages reside from the directory in which they are installed (and from
which they are presumably copied to the former directory by occult means).

EOM
 case "$installmansrc" in
 ") dflt=`echo $mansrcexp | sed 's#^/afs/#/afs/.#'`;;
 *) dflt="$installmansrc";;
 esac
 fn=de~
 rp='Where will man pages be installed?'
 . ./getfile
 installmansrc="$ans"
else
 installmansrc="$mansrcexp"
fi

case "$mansrc" in
' ') manext='0';;
*l) manext=l;;
*n) manext=n;;
*o) manext=l;;
*p) manext=n;;
*C) manext=C;;
*L) manext=L;;
*L1) manext=L1;;
*) manext=1;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/mansrc.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_nan: Inlibc
?MAKE: -pick add $@ %<
```

```
?S:d_nan:
?S: This variable conditionally defines HAS_NAN if nan() is
?S: available to generate NaN.
?S:.
?C:HAS_NAN:
?C: This symbol, if defined, indicates that the nan routine is
?C: available to generate NaN.
?C:.
?H:#$d_nan HAS_NAN  /**/
?H:.
?LINT:set d_nan
: see if nan exists
set nan d_nan
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_nan.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_closedir.U,v 3.0.1.3 1997/02/28 15:31:26 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_closedir.U,v $
?RCS: Revision 3.0.1.3  1997/02/28  15:31:26  ram
?RCS: patch61: added ?F: metalint hint
?RCS:
?RCS: Revision 3.0.1.2  1994/10/29  16:11:18  ram
?RCS: patch36: added 'ldflags' to the test compile line (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/08/29  16:07:21  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_closedir d_void_closedir: Inlibc i_dirent i_sysdir i_sysndir
 \
 i_systypes Compile Setvar rm_try run
?MAKE: -pick add $@ %<
?S:d_closedir:
?S: This variable conditionally defines HAS_CLOSEDIR if closedir() is
```

```
?S: available.
?S:.
?C:HAS_CLOSEDIR:
?C: This symbol, if defined, indicates that the closedir() routine is
?C: available.
?C:.
?H:#$d_closedir HAS_CLOSEDIR  /**/
?H:.
?S:d_void_closedir:
?S: This variable conditionally defines VOID_CLOSEDIR if closedir()
?S: does not return a value.
?S:.
?C:VOID_CLOSEDIR:
?C: This symbol, if defined, indicates that the closedir() routine
?C: does not return a value.
?C:.
?H:#$d_void_closedir VOID_CLOSEDIR  /**/
?H:.
?F:!try
?LINT:set d_closedir d_void_closedir
: see if closedir exists
set closedir d_closedir
eval $inlibc

@if VOID_CLOSEDIR || d_void_closedir
?X: The following contortions are designed so we can call closedir()
?X: and check whether it returns a value.  The contortions are designed
?X: to portably pick up the correct directory header, for those
?X: systems that support various mutually incompatible
 directory functions.
?X: This is from perl5's perl.h
case "$d_closedir" in
"$define")
 echo " "
 echo "Checking whether closedir() returns a status..." >&4
 cat > try.c <<EOM
#$i_dirent I_DIRENT  /**/
#$i_sysdir I_SYS_DIR  /**/
#$i_sysndir I_SYS_NDIR  /**/
#$i_systypes I_SYS_TYPES /**/

#if defined(I_SYS_TYPES)
#include <sys/types.h>
#endif
#if defined(I_DIRENT)
#include <dirent.h>
#else
#ifdef I_SYS_NDIR
```

```
#include <sys/ndir.h>
#else
#ifdef I_SYS_DIR
#include <sys/dir.h>
#endif
#endif
#endif
int main() { return closedir(opendir(".")); }
EOM
 set try
 if eval $compile_ok; then
  if $run ./try > /dev/null 2>&1 ; then
   echo "Yes, it does."
   val="$undef"
  else
   echo "No, it doesn't."
   val="$define"
  fi
 else
  echo "(I can't seem to compile the test program--assuming it doesn't)"
  val="$define"
 fi
 ;;
*)
 val="$undef";
 ;;
esac
set d_void_closedir
eval $setvar
$rm_try
@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_closedir.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Oldsym.U,v $
```

```
?RCS: Revision 3.0.1.1  1997/02/28  15:06:58  ram
?RCS: patch61: added support for src.U
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:13  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit follows the creation of the config.sh file. It adds some
?X: special symbols: defines from patchlevel.h file if any and CONFIG,
?X: which is set to true. Then, we try to keep all the new symbols that
?X: may come from a hint file or a previous config.sh file.
?X:
?MAKE:Oldsym:
 Config_sh Options test hint src sed sort uniq
?MAKE: -pick add $@ %<
?T:CONFIG sym tmp
?F:!UU
: add special variables
$test -f $src/patchlevel.h && \
awk '/^#define/ {printf "%s=%s\n",$2,$3}' $src/patchlevel.h >>config.sh
echo "CONFIG=true" >>config.sh

: propagate old symbols
if $test -f UU/config.sh; then
?X: Make sure each symbol is unique in oldconfig.sh
 <UU/config.sh $sort | $uniq >UU/oldconfig.sh
?X:
?X: All the symbols that appear twice come only from config.sh (hence the
?X: two config.sh in the command line). These symbols will be removed by
?X: the uniq -u command. The oldsyms file thus contains all the symbols
?X: that did not appear in the produced config.sh (Larry Wall).
?X:
?X: Do not touch the -u flag of uniq.  This means you too, Jarkko.
?X:
 $sed -n 's/^\([a-zA-Z_0-9]*\)=.*/\1/p' \
  config.sh config.sh UU/oldconfig.sh |\
  $sort | $uniq -u >UU/oldsyms
 set X `cat UU/oldsyms`
 shift
 case $# in
 0) ;;
 *)
  cat <<EOM
Hmm...You had some extra variables I don't know about...I'll
 try to keep 'em...
EOM
  echo ": Variables propagated from previous config.sh file." >>config.sh
  for sym in `cat UU/oldsyms`; do
```

```
   echo "    Propagating $hint variable "'$"'$sym..."
   eval 'tmp="$"'${sym}"'"'
   echo "$tmp" | \
    sed -e "s/'/'\"'\"'/g" -e "s/^/$sym='/" -e "s/$/'/" >>config.sh
  done
  ;;
 esac
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Oldsym.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_table.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_table.U,v $
?RCS: Revision 3.0.1.2  1993/11/10  17:34:14  ram
?RCS: patch14: wrongly mentionned an obsolete symbol
?RCS:
?RCS: Revision 3.0.1.1  1993/10/16  13:49:29  ram
?RCS: patch12: created
?RCS:
?MAKE:d_table: Inlibc
?MAKE: -pick add $@ %<
?S:d_table:
?S: This variable conditionally defines HAS_TABLE if table() is
?S: available to examine/update elements from a system table.
?S:.
?C:HAS_TABLE:
?C: This symbol, if defined, indicates that the OSF/1
 table() system
?C: call is available to examine/update items from a system table.
?C:.
?H:#$d_table HAS_TABLE /**/
?H:.
?LINT:set d_table
: see if table exists
set table d_table
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_table.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_tcgtpgrp.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_tcgtpgrp.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:12:08  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_tcgetpgrp: Inlibc
?MAKE: -pick add $@ %<
?S:d_tcgetpgrp:
?S: This variable conditionally defines the HAS_TCGETPGRP symbol, which
?S: indicates to the C program that the tcgetpgrp() routine is available.
?S: to get foreground process group ID.
?S:.
?C:HAS_TCGETPGRP
 :
?C: This symbol, if defined, indicates that the tcgetpgrp routine is
?C: available to get foreground process group ID.
?C:.
?H:#$d_tcgetpgrp HAS_TCGETPGRP  /**/
?H:.
?LINT:set d_tcgetpgrp
: see if tcgetpgrp exists
set tcgetpgrp d_tcgetpgrp
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_tcgtpgrp.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_charsprf.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_ckeypad.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_nolnbuf.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_brokstat.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_PORTAR.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/mkdep.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_bsdjmp.U
*
/opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Magic_h.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_setlocale.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_dbl_dig.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_pidcheck.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/nlist_pfx.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_dbl_dig.U
No license file was found, but licenses were detected in source scan.

```
?RCS: Copyright (c) 2006-2007, H.Merijn Brand
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_snprintf_l d_vsnprintf_l : Inlibc d_snprintf d_vsnprintf
?MAKE: -pick add $@ %<
?S:d_snprintf_l:
?S: This variable conditionally defines the HAS_SNPRINTF_L symbol, which
?S: indicates to the C program that the snprintf_l () library function
?S: is available.
?S:.
?S:d_vsnprintf_l:
?S: This variable conditionally defines the HAS_VSNPRINTF_L symbol, which
?S: indicates to the C program that the vsnprintf_l () library function
```

```
?S: is available.
?S:.
?C:HAS_SNPRINTF_L:
?C: This symbol, if defined, indicates that the snprintf_l () library
?C: function
 is available for use.
?C:.
?C:HAS_VSNPRINTF_L:
?C: This symbol, if defined, indicates that the vsnprintf_l () library
?C: function is available for use.
?C:.
?H:#$d_snprintf_l HAS_SNPRINTF_L /**/
?H:#$d_vsnprintf_l HAS_VSNPRINTF_L /**/
?H:.
: see if snprintf_l exists
set snprintf_l d_snprintf_l
eval $inlibc

: see if vsnprintf_l exists
set vsnprintf_l d_vsnprintf_l
eval $inlibc

case "$d_snprintf-$d_vsnprintf-$d_snprintf_l-$d_vsnprintf_l" in
"$define-$define-$define-$define")
   ;;
*) echo "(These require the basic snprintf and vsnprintf to also be available, which they aren't"
 d_snprintf_l="$undef"
 d_vsnprintf_l="$undef"
   ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_snprintf_l.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: libperl.U,v $
?RCS:
?RCS: Copyright (c) 1996-1998, Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:libperl useshrplib shrpenv ldlibpthname: \
 Myread Oldconfig archlibexp awk cat libc \
 _a osname osvers so patchlevel subversion usedl ld \
 ccdlflags installarchlib userelocatableinc
?MAKE: -pick wipe $@ %<
```

```
?S:libperl:
?S: The perl executable is obtained by linking perlmain.c with
?S: libperl, any static extensions (usually just DynaLoader),
?S: and any other libraries needed on this system.  libperl
?S: is usually libperl.a, but can also be libperl.so.xxx if
?S: the user wishes to build a perl executable with a shared
?S: library.
?S:.
?S:useshrplib:
?S: This variable is set to 'true' if the user wishes
?S: to build a shared libperl, and 'false' otherwise.
?S:.
?S:shrpenv:
?S: If
 the user builds a shared libperl.so, then we need to tell the
?S: 'perl' executable where it will be able to find the installed libperl.so.
?S: One way to do this on some systems is to set the environment variable
?S: LD_RUN_PATH to the directory that will be the final location of the
?S: shared libperl.so.  The makefile can use this with something like
?S:  $shrpenv $(CC) -o perl perlmain.o $libperl $libs
?S: Typical values are
?S:  shrpenv="env LD_RUN_PATH=$archlibexp/CORE"
?S: or
?S:  shrpenv=''
?S: See the main perl Makefile.SH for actual working usage.
?S:
?S: Alternatively, we might be able to use a command line option such
?S: as -R $archlibexp/CORE (Solaris) or -Wl,-rpath
?S: $archlibexp/CORE (Linux).
?S:.
?S:ldlibpthname:
?S: This variable holds the name of the shared library
?S: search path, often LD_LIBRARY_PATH.  To get an empty
?S: string, the hints file must set this to 'none'.
?S:.
?T:shrpdir majonly majmin also xxx tmp_shrpenv
?X: metalint gets confused and thinks we're
 actually setting LDOPTS
?X: and LD_RUN_PATH.
?LINT:extern LDOPTS
?LINT:change LDOPTS
?LINT:extern LD_RUN_PATH
?LINT:change LD_RUN_PATH
?LINT:change ccdlflags
?LINT:extern maintloc maintname
?Y:top
: Do we want a shared libperl?
also=''
```

```
case "$usedl" in
$undef)
 # No dynamic loading being used, so don't bother even to prompt.
 useshrplib='false'
 ;;
*) case "$useshrplib" in
 ") case "$osname" in
  svr4*|nonstopux|dgux|dynixptx|esix|powerux|haiku|cygwin*)
   dflt=y
   also='Building a shared libperl is required for dynamic loading to work on your system.'
   ;;
  *) dflt=n
   ;;
  esac
  ;;
 $define|true|[Yy]*)
  dflt=y
  ;;
 *) dflt=n
  ;;
 esac
 $cat << EOM

The perl executable is normally obtained by linking perlmain.c with
libperl${_a}, any static extensions (usually just DynaLoader), and
any other libraries needed on this system (such as -lm, etc.).  Since
your system supports dynamic loading, it is probably possible to build
a shared libperl.$so.  If you will have more than one
 executable linked
to libperl.$so, this will significantly reduce the size of each
executable, but it may have a noticeable effect on performance.  The
default is probably sensible for your system.
$also

EOM
 rp="Build a shared libperl.$so (y/n)"
 . ./myread
 case "$ans" in
 true|$define|[Yy]*)
  useshrplib='true'  ;;
 *) useshrplib='false' ;;
 esac
 ;;
esac

case "$useshrplib" in
true)
 case "$userelocatableinc" in
```

```
true|define)
 echo "Cannot build with both -Duserelocatableinc and -Duseshrplib" >&4
 echo "See INSTALL for an explanation why that won't work." >&4
 exit 4
 ;;
esac
case "$libperl" in
")
 # Figure out a good name for libperl.so.  Since it gets stored in
 # a version-specific architecture-dependent library, the version
 # number isn't really that important, except for making cc/ld happy.
 #
 # A name such as libperl.so.10.1
 majmin="libperl.$so.$patchlevel.$subversion"
 # A name such as libperl.so.100
 majonly=`echo $patchlevel $subversion |
  $awk '{printf
"%d%02d", $1, $2}'`
 majonly=libperl.$so.$majonly
 # I'd prefer to keep the os-specific stuff here to a minimum, and
 # rely on figuring it out from the naming of libc.
 case "${osname}${osvers}" in
 *linux*|gnu*)  # ld won't link with a bare -lperl otherwise.
  dflt=libperl.$so
  ;;
 cygwin*) # ld links now against the dll directly
  majmin="cygperl5_${patchlevel}_${subversion}.${so}"
  majonly=`echo $patchlevel $subversion |
   $awk '{printf "%03d%03d", $1, $2}'`
  majonly=cygperl5.$majonly.$so
  dflt=$majmin
  ;;
 *) # Try to guess based on whether libc has major.minor.
  case "$libc" in
  *libc.$so.[0-9]*.[0-9]*) dflt=$majmin ;;
  *libc.$so.[0-9]*) dflt=$majonly ;;
  *) dflt=libperl.$so ;;
  esac
  ;;
 esac
 ;;
*) dflt=$libperl
 ;;
esac
cat << EOM

I need to select a good name for the shared libperl.  If your system uses
library names with major and minor numbers, then you might want something
```

```
like $majmin.  Alternatively, if your system uses a single
 version
number for shared libraries, then you might want to use $majonly.
Or, your system might be quite happy with a simple libperl.$so.

Since the shared libperl will get installed into a version-specific
architecture-dependent directory, the version number of the shared perl
library probably isn't important, so the default should be o.k.

EOM
 rp='What name do you want to give to the shared libperl?'
 . ./myread
 libperl=$ans
 echo "Ok, I'll use $libperl"
 ;;
*)
 libperl="libperl${_a}"
 ;;
esac

# Detect old use of shrpdir via undocumented Configure -Dshrpdir
case "$shrpdir" in
") ;;
*) $cat >&4 <<EOM
WARNING:  Use of the shrpdir variable for the installation location of
the shared $libperl is not supported.  It was never documented and
will not work in this version.  Let me (<$maintloc>)
know of any problems this may cause.

EOM
 case "$shrpdir" in
 "$archlibexp/CORE")
  $cat >&4 <<EOM
But your current setting of $shrpdir is
the default anyway, so it's harmless.
EOM
  ;;
 *)
  $cat
 >&4 <<EOM
Further, your current attempted setting of $shrpdir
conflicts with the value of $archlibexp/CORE
that installperl will use.
EOM
  ;;
 esac
 ;;
esac
```

```
# How will the perl executable find the installed shared $libperl?
# Add $xxx to ccdlflags.
# If we can't figure out a command-line option, use $shrpenv to
# set env LD_RUN_PATH.  The main perl makefile uses this.
shrpdir=$archlibexp/CORE
xxx=''
tmp_shrpenv=''
if "$useshrplib"; then
   case "$osname" in
 aix)
  # We'll set it in Makefile.SH...
  ;;
 solaris)
  xxx="-R $shrpdir"
  ;;
 freebsd|minix|mirbsd|netbsd|openbsd|interix|dragonfly|bitrig)
  xxx="-Wl,-R$shrpdir"
  ;;
 bsdos|linux|irix*|dec_osf|gnu*|haiku)
  xxx="-Wl,-rpath,$shrpdir"
  ;;
 hpux*)
  # hpux doesn't like the default, either.
  tmp_shrpenv="env LDOPTS=\"+s +b${shrpdir}\""
  ;;
 cygwin)
  # cygwin needs only ldlibpth
  ;;
 *)
  tmp_shrpenv="env LD_RUN_PATH=$shrpdir"
  ;;
 esac
 case "$xxx" in
 '') ;;
 *)
  # Only add $xxx if it isn't already in ccdlflags.
  case
 " $ccdlflags " in
  *" $xxx "*) ;;
  *) ccdlflags="$ccdlflags $xxx"
   cat <<EOM >&4

Adding $xxx to the flags
passed to $ld so that the perl executable will find the
installed shared $libperl.

EOM
```

```
   ;;
  esac
  ;;
 esac
fi
# Fix ccdlflags in AIX for building external extensions.
# (For building Perl itself bare -bE:perl.exp is needed,
#  Makefile.SH takes care of this.)
case "$osname" in
aix) ccdlflags="$ccdlflags -bE:$installarchlib/CORE/perl.exp" ;;
esac
# Respect a hint or command-line value.
case "$shrpenv" in
'') shrpenv="$tmp_shrpenv" ;;
esac
case "$ldlibpthname" in
'') ldlibpthname=LD_LIBRARY_PATH ;;
none) ldlibpthname='' ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/libperl.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_strchr.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_strchr.U,v $
?RCS: Revision 3.0.1.2  1993/10/16  13:49:20  ram
?RCS: patch12: added support for HAS_INDEX
?RCS: patch12: added magic for index() and rindex()
?RCS:
?RCS: Revision 3.0.1.1  1993/09/13  16:05:26  ram
?RCS: patch10: now only defines HAS_STRCHR, no macro remap of index (WAD)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:07:32  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_strchr d_index: contains strings Setvar Myread Oldconfig
```

```
 Csym
?MAKE: -pick add $@ %<
?S:d_strchr:
?S: This variable conditionally defines HAS_STRCHR if strchr() and
?S: strrchr() are available for string searching.
?S:.
?S:d_index:
?S: This variable conditionally defines HAS_INDEX if index() and
?S: rindex() are available for string searching.
?S:.
?C:HAS_STRCHR:
?C: This symbol is defined to indicate that the strchr()/strrchr()
?C: functions are available for string searching. If not, try the
?C: index()/rindex() pair.
?C:.
?C:HAS_INDEX:
?C: This symbol is defined to indicate that the index()/rindex()
?C: functions are available for string searching.
?C:.
?H:#$d_strchr HAS_STRCHR /**/
?H:#$d_index HAS_INDEX /**/
?H:.
?M:index: HAS_INDEX
?M:#ifndef HAS_INDEX
?M:#ifndef index
?M:#define index strchr
?M:#endif
?M:#endif
?M:.
?M:rindex: HAS_INDEX
?M:#ifndef HAS_INDEX
?M:#ifndef rindex
?M:#define rindex strrchr
?M:#endif
?M:#endif
?M:.
?T:vali
?LINT:set d_strchr d_index
: index or strchr
echo " "
if set index val -f; eval $csym; $val; then
 if
 set strchr val -f d_strchr; eval $csym; $val; then
  if $contains strchr "$strings" >/dev/null 2>&1 ; then
?X: has index, strchr, and strchr in string header
   val="$define"
   vali="$undef"
   echo "strchr() found." >&4
```

```
  else
?X: has index, strchr, and no strchr in string header
   val="$undef"
   vali="$define"
   echo "index() found." >&4
  fi
 else
?X: has only index, no strchr, string header is a moot point
  val="$undef"
  vali="$define"
  echo "index() found." >&4
 fi
else
 if set strchr val -f d_strchr; eval $csym; $val; then
  val="$define"
  vali="$undef"
  echo "strchr() found." >&4
 else
  echo "No index() or strchr() found!" >&4
  val="$undef"
  vali="$undef"
 fi
fi
set d_strchr; eval $setvar
val="$vali"
set d_index; eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strchr.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2017, Karl Williamson
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:i_wchar: Inhdr
?MAKE: -pick add $@ %<
?S:i_wchar:
?S: This variable conditionally defines the I_WCHAR symbol,
?S: that indicates whether a C program may include <wchar.h>.
?S:.
```

```
?C:I_WCHAR:
?C: This symbol, if defined, indicates to the C program that <wchar.h>
?C: is available for inclusion
?C:.
?H:#$i_wchar   I_WCHAR /**/
?H:.
?LINT:set i_wchar
: see if wchar.h is present
set wchar.h i_wchar
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_wchar.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysmode.U,v $
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_sysmode: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_sysmode:
?S: This variable conditionally defines the I_SYSMODE symbol,
?S: and indicates whether a C program should include <sys/mode.h>.
?S:.
?C:I_SYSMODE:
?C: This symbol, if defined, indicates that <sys/mode.h> exists and
?C: should be included.
?C:.
?H:#$i_sysmode I_SYSMODE  /**/
?H:.
?LINT:set i_sysmode
: see if this is a sys/mode.h system
set sys/mode.h i_sysmode
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_sysmode.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_localtime_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS: Copyright (c) 2006,2007 H.Merijn Brand
```

```
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_localtime_r d_localtime_r_needs_tzset localtime_r_proto: Inlibc \
 cat run Protochk Hasproto i_systypes usethreads i_time i_systime \
 rm_try Compile extern_C i_stdlib i_unistd i_malloc
?MAKE: -pick add $@ %<
?S:d_localtime_r:
?S: This variable conditionally defines the HAS_LOCALTIME_R symbol,
?S: which indicates to the C program that the localtime_r()
?S: routine is available.
?S:.
?S:d_localtime_r_needs_tzset:
?S: This variable conditionally defines the LOCALTIME_R_NEEDS_TZSET
?S: symbol, which makes us call tzset before localtime_r()
?S:.
?S:localtime_r_proto:
?S: This
 variable encodes the prototype of localtime_r.
?S: It is zero if d_localtime_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_localtime_r
?S: is defined.
?S:.
?C:HAS_LOCALTIME_R:
?C: This symbol, if defined, indicates that the localtime_r routine
?C: is available to localtime re-entrantly.
?C:.
?C:LOCALTIME_R_NEEDS_TZSET:
?C: Many libc's localtime_r implementations do not call tzset,
?C: making them differ from localtime(), and making timezone
?C: changes using \$ENV{TZ} without explicitly calling tzset
?C: impossible. This symbol makes us call tzset before localtime_r
?C:.
?H:?%<:#$d_localtime_r_needs_tzset LOCALTIME_R_NEEDS_TZSET /**/
?H:?%<:#ifdef LOCALTIME_R_NEEDS_TZSET
?H:?%<:#define L_R_TZSET tzset(),
?H:?%<:#else
?H:?%<:#define L_R_TZSET
?H:?%<:#endif
?H:.
?C:L_R_TZSET:
?C: If localtime_r() needs tzset, it is defined in this define
?C:.
?C:LOCALTIME_R_PROTO:
?C: This symbol encodes the prototype of localtime_r.
```

```
?C: It is zero if d_localtime_r
 is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_localtime_r
?C: is defined.
?C:.
?H:#$d_localtime_r HAS_LOCALTIME_R /**/
?H:#define LOCALTIME_R_PROTO $localtime_r_proto /**/
?H:.
?T:try hdrs d_localtime_r_proto
?F:!try
: see if localtime_r exists
set localtime_r d_localtime_r
eval $inlibc
case "$d_localtime_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_time time.h $i_systime sys/time.h"
 case "$d_localtime_r_proto:$usethreads" in
 ":define") d_localtime_r_proto=define
  set d_localtime_r_proto localtime_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_localtime_r_proto" in
 define)
 case "$localtime_r_proto" in
 "|0) try='struct tm* localtime_r(const time_t*, struct tm*);'
 ./protochk "$extern_C $try" $hdrs && localtime_r_proto=S_TS ;;
 esac
 case "$localtime_r_proto" in
 "|0) try='int localtime_r(const time_t*, struct tm*);'
 ./protochk "$extern_C $try" $hdrs && localtime_r_proto=I_TS ;;
 esac
 case "$localtime_r_proto" in
 "|0) d_localtime_r=undef
  localtime_r_proto=0
  echo
 "Disabling localtime_r, cannot determine prototype." >&4 ;;
 * ) case "$localtime_r_proto" in
  REENTRANT_PROTO*) ;;
  *) localtime_r_proto="REENTRANT_PROTO_$localtime_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "localtime_r has no prototype, not using it." >&4 ;;
  esac
  d_localtime_r=undef
```

```
  localtime_r_proto=0
  ;;
 esac
 ;;
*) localtime_r_proto=0
 ;;
esac

: see if localtime_r calls tzset
case "$localtime_r_proto" in
REENTRANT_PROTO*)
 $cat >try.c <<EOCP
/*  Does our libc's localtime_r call tzset ?
*  return 0 if so, 1 otherwise.
*/
#$i_systypes I_SYS_TYPES
#$i_unistd I_UNISTD
#$i_time I_TIME
#$i_stdlib I_STDLIB
#$i_malloc I_MALLOC
#ifdef I_SYS_TYPES
#  include <sys/types.h>
#endif
#ifdef I_UNISTD
#  include <unistd.h>
#endif
#ifdef I_TIME
#  include <time.h>
#endif
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#include <string.h>
#ifdef I_MALLOC
#  include <malloc.h>
#endif
int
 main()
{
   time_t t = time(0L);
   char w_tz[]="TZ" "=GMT+5",
  e_tz[]="TZ" "=GMT-5",
 *tz_e = (char*)malloc(16),
 *tz_w = (char*)malloc(16);
   struct tm tm_e, tm_w;
   memset(&tm_e,'\0',sizeof(struct tm));
   memset(&tm_w,'\0',sizeof(struct tm));
   strcpy(tz_e,e_tz);
```

```
   strcpy(tz_w,w_tz);

   putenv(tz_e);
   localtime_r(&t, &tm_e);

   putenv(tz_w);
   localtime_r(&t, &tm_w);

   if( memcmp(&tm_e, &tm_w, sizeof(struct tm)) == 0 )
 return 1;
   return 0;
}
EOCP
 set try
 if eval $compile; then
     if $run ./try; then
  d_localtime_r_needs_tzset=undef;
     else
  d_localtime_r_needs_tzset=define;
     fi;
 else
     d_localtime_r_needs_tzset=undef;
 fi;
    ;;
 *)
    d_localtime_r_needs_tzset=undef;
    ;;
esac
$rm_try
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_localtime_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_NeWS.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_NeWS.U,v $
?RCS: Revision 3.0  1993/08/18  12:05:39  ram
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
?MAKE:d_news d_news0 d_newshome d_textcan: test rm Myread Getfile
?MAKE: -pick add $@ %<
?S:d_news:
?S: Set if running NeWS 1.1
?S:.
?S:d_news0:
?S: Set if running NeWS 1.0
?S:.
?S:d_newshome:
?S: Path to the top directory of the NeWS structure.
?S:.
?S:d_textcan:
?S: Path to where the textcan.ps stuff is...
?S:.
?C:HAS_NEWS1_1 (NEWS1_1):
?C: This
 symbol defined if running NeWS 1.1.
?C:.
?C:HAS_NEWS1_0 (NEWS1_0):
?C: This symbol defined if running NeWS 1.0.
?C:.
?C:TEXTCAN:
?C: Tells path to where the textcan.ps stuff is...
?C:.
?H:#$d_news HAS_NEWS1_1     /**/
?H:#$d_news0 HAS_NEWS1_0     /**/
?H:#define TEXTCAN $d_textcan /**/
?H:.
?INIT:: default path for NeWS
?INIT:d_newshome="/usr/NeWS"
?INIT:
: Check to see what version of NeWS is being run?
cd ..
echo " "
echo "Now for the interesting stuff... Lets see what kind of NeWS"
echo "they grow round here...."
echo " "
dflt='y'
if $test -d $d_newshome; then
 d_newshome=`(cd $d_newshome ; /bin/pwd)`
 echo "Ah...found myself a NeWS in $d_newshome..."
 dflt='y'
 rp="Is this the NeWS you want your children to grow up with?"
 . UU/myread
fi
while $test $ans = "n"; do
dflt=$d_newshome
```

```
fn=d
rp="Path to NeWS you want:"
. UU/getfile
d_newshome=$ans

echo " "
if $test ! -d $d_newshome/lib; then
 echo "ARG!  No lib directory in $d_newshome!!!"
 : heavy medicine.  I wonder what the disease
 is...
 $rm -f kit*isdone
 $rm -rf UU
 : bye bye
 set -t; echo "Sorry... no NeWS is bad news..."
fi

if $test -r $d_newshome/lib/NeWS/colors.ps ; then
 echo 'Ahh... your running NeWS 1.1!  Boy... that makes stuff easy....'
 echo " "
 d_news="$define"
 d_news0="$undef"
 if $test -r $d_newshome/lib/NeWS/textcan.ps; then
  d_textcan=$d_newshome/lib/NeWS
  echo "The textcan.ps stuff seems to be in : $d_textcan"
 else
  d_textcan=$d_newshome/clientsrc/client/nterm
  if $test ! -r $d_textcan/textcan.ps; then
   d_news="$undef"
   d_news0="$define"
   echo 'Hmm... must have been fooled... gotta be NeWS 1.1 beta!'
  else
   echo "The textcan.ps stuff seems to be in : $d_textcan"
  fi
 fi
else
 echo 'snif... snif... I smell the dilapidated smell of NeWS 1.0..'
 echo 'Some things will not work under NeWS 1.0...'
 d_news="$undef"
 d_news0="$define"
fi
cd UU
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_NeWS.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: d_fcntl.U 1 2006-08-24 12:32:52Z rmanfredi $

```
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_fcntl.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:01  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_fcntl: Inlibc
?MAKE: -pick add $@ %<
?S:d_fcntl:
?S: This variable conditionally defines the HAS_FCNTL symbol, and indicates
?S: whether the fcntl() function exists
?S:.
?C:HAS_FCNTL:
?C: This symbol, if defined, indicates to the C program that
?C: the fcntl() function exists.
?C:.
?H:#$d_fcntl HAS_FCNTL  /**/
?H:.
?LINT:set d_fcntl
:
 see if this is an fcntl system
set fcntl d_fcntl
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_fcntl.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Rcs.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Rcs.U,v $
?RCS: Revision 3.0  1993/08/18  12:05:15  ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This is a unit that helps people who write SH scripts and keep them under
?X: RCS, but don't think to protect the $Log and other $Id keywords from
?X: variable substitution (or people like me who do not like to).
?X:
?MAKE:Author Date Header Id Locker Log RCSfile Revision Source State: Oldconfig
?MAKE: -pick weed $@ %<
?LINT:describe Author
 Date Header Id Locker Log RCSfile Revision Source State
: preserve RCS keywords in files with variable substitution, grrr
?Author:Author='$Author'
?Date:Date='$Date'
?Header:Header='$Header'
?Id:Id='$Id'
?$Locker'
?Log:Log='$Log'
?RCSfile:RCSfile='$RCSfile'
?Revision:Revision='$Revision'
?Source:Source='$Source'
?State:State='$State'
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Rcs.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_log1p: Inlibc
?MAKE: -pick add $@ %<
?S:d_log1p:
?S: This variable conditionally defines the HAS_LOG1P symbol, which
?S: indicates to the C program that the logp1() routine is available
?S: to compute log(1 + x) for values of x close to zero.
?S:.
?C:HAS_LOG1P:
?C: This symbol, if defined, indicates that the log1p routine is
?C: available to do the logarithm of 1 plus argument function.
?C:.
?H:#$d_log1p HAS_LOG1P  /**/
?H:.
?LINT:set d_log1p
: see if log1p exists
set log1p d_log1p
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_log1p.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: intsize.U,v 3.0.1.2 1997/02/28 15:55:26 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: intsize.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  15:55:26  ram
?RCS: patch61: avoid prompting the user if the test runs ok
?RCS: patch61: moved code from longsize.U into there
?RCS: patch61: new tests for shortsize as well
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  16:21:06  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0  1993/08/18  12:08:52  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:intsize longsize
 shortsize: Compile Myread cat run i_stdlib rm_try
?MAKE: -pick add $@ %<
?S:intsize:
?S: This variable contains the value of the INTSIZE symbol, which
?S: indicates to the C program how many bytes there are in an int.
?S:.
?S:longsize:
?S: This variable contains the value of the LONGSIZE symbol, which
?S: indicates to the C program how many bytes there are in a long.
?S:.
?S:shortsize:
?S: This variable contains the value of the SHORTSIZE symbol which
?S: indicates to the C program how many bytes there are in a short.
?S:.
?C:INTSIZE:
?C: This symbol contains the value of sizeof(int) so that the C
?C: preprocessor can make decisions based on it.
?C:.
?C:LONGSIZE:
```

```
?C: This symbol contains the value of sizeof(long) so that the C
?C: preprocessor can make decisions based on it.
?C:.
?C:SHORTSIZE:
?C: This symbol contains the value of sizeof(short) so that the C
?C: preprocessor can make decisions based on it.
?C:.
?H:#define INTSIZE $intsize  /**/
?H:#define LONGSIZE $longsize  /**/
?H:#define
 SHORTSIZE $shortsize  /**/
?H:.
?F:!try
: check for lengths of integral types
echo " "
case "$intsize" in
")
 echo "Checking to see how big your integers are..." >&4
 $cat >try.c <<EOCP
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
int main()
{
@if INTSIZE || intsize
 printf("intsize=%d;\n", (int)sizeof(int));
@end
@if LONGSIZE || longsize
 printf("longsize=%d;\n", (int)sizeof(long));
@end
@if SHORTSIZE || shortsize
 printf("shortsize=%d;\n", (int)sizeof(short));
@end
 exit(0);
}
EOCP
 set try
 if eval $compile_ok && $run ./try > /dev/null; then
  eval `$run ./try`
@if INTSIZE || intsize
  echo "Your integers are $intsize bytes long."
@end
@if LONGSIZE || longsize
  echo "Your long integers are $longsize bytes long."
@end
@if SHORTSIZE || shortsize
```

```
  echo "Your short integers are $shortsize bytes long."
@end
 else
  $cat >&4 <<EOM
!
Help! I can't compile and run the intsize test program: please enlighten me!
(This is probably a misconfiguration
 in your system or libraries, and
you really ought to fix it.  Still, I'll try anyway.)
!
EOM
@if INTSIZE || intsize
  dflt=4
  rp="What is the size of an integer (in bytes)?"
  . ./myread
  intsize="$ans"
@end
@if LONGSIZE || longsize
  dflt=$intsize
  rp="What is the size of a long integer (in bytes)?"
  . ./myread
  longsize="$ans"
@end
@if SHORTSIZE || shortsize
  dflt=2
  rp="What is the size of a short integer (in bytes)?"
  . ./myread
  shortsize="$ans"
@end
 fi
 ;;
esac
$rm_try
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/a_dvisory/intsize.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_endhent.U,v 3.0 1993/08/18 12:06:09 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
?RCS: $Log: d_endhent.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:09  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_endhent: Inlibc
?MAKE: -pick add $@ %<
?S:d_endhent:
?S: This variable conditionally defines HAS_ENDHOSTENT if endhostent() is
?S: available to close whatever was being used for host queries.
?S:.
?C:HAS_ENDHOSTENT:
?C: This symbol, if defined, indicates that the endhostent() routine is
?C: available to close whatever was being used for host
 queries.
?C:.
?H:#$d_endhent HAS_ENDHOSTENT  /**/
?H:.
?LINT:set d_endhent
: see if endhostent exists
set endhostent d_endhent
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_endhent.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: gidtype.U,v 3.0.1.3 1994/08/29 16:21:44 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: gidtype.U,v $
?RCS: Revision 3.0.1.3  1994/08/29  16:21:44  ram
?RCS: patch32: now uses new Typedef unit to compute type information
?RCS: patch32: removed useless usage of Setvar (for now)
?RCS:
?RCS: Revision 3.0.1.2  1994/05/13  15:21:07  ram
?RCS: patch27: added lint hint
?RCS:
?RCS: Revision 3.0.1.1  1994/05/06  15:01:51  ram
?RCS: patch23: protected gidtype setting via setvar (ADO)
```

```
?RCS: patch23: made Gid_t comment more explicit (ADO)
?RCS:
?RCS: Revision
 3.0  1993/08/18  12:08:11  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:gidtype: Myread Typedef Findhdr
?MAKE: -pick add $@ %<
?S:gidtype:
?S: This variable defines Gid_t to be something like gid_t, int,
?S: ushort, or whatever type is used to declare the return type
?S: of getgid().  Typically, it is the type of group ids in the kernel.
?S:.
?C:Gid_t (GIDTYPE):
?C: This symbol holds the return type of getgid() and the type of
?C: argument to setrgid() and related functions.  Typically,
?C: it is the type of group ids in the kernel. It can be int, ushort,
?C: gid_t, etc... It may be necessary to include <sys/types.h> to get
?C: any typedef'ed information.
?C:.
?H:#define Gid_t $gidtype  /* Type for getgid(), etc... */
?H:.
?T:xxx
: see what type gids are declared as in the kernel
echo " "
echo "Looking for the type for group ids returned by getgid()."
set gid_t gidtype xxx stdio.h sys/types.h
eval $typedef
case "$gidtype" in
xxx)
 xxx=`./findhdr sys/user.h`
 set `grep
 'groups\[NGROUPS\];' "$xxx" 2>/dev/null` unsigned short
 case $1 in
 unsigned) dflt="$1 $2" ;;
 *) dflt="$1" ;;
 esac
 ;;
*) dflt="$gidtype";;
esac
case "$gidtype" in
gid_t) echo "gid_t found." ;;
*) rp="What is the type for group ids returned by getgid()?"
 . ./myread
 gidtype="$ans"
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/gidtype.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_llroundl: Inlibc
?MAKE: -pick add $@ %<
?S:d_llroundl:
?S: This variable conditionally defines the HAS_LLROUNDL symbol, which
?S: indicates to the C program that the llroundl() routine is available
?S: to return the long long value nearest to x away from zero.
?S:.
?C:HAS_LLROUNDL:
?C: This symbol, if defined, indicates that the llroundl routine is
?C: available to return the nearest long long value away from zero of
?C: the long double argument value.
?C:.
?H:#$d_llroundl HAS_LLROUNDL  /**/
?H:.
?LINT:set d_llroundl
: see if llroundl exists
set llroundl d_llroundl
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_llroundl.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: perl5.U,v $
?RCS:
?RCS: Copyright (c) 2000 Andrew Dougherty
?RCS:
?RCS:     You may distribute under the terms of either the GNU General Public
?RCS:     License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: perl5.U,v $
?RCS:
?X:
?X: The purpose of this unit is to locate a previously installed
?X: version of perl5 suitable for running inc_version_list.U.
?X: We check for 5.005 and later because inc_version_list is
?X: irrelevant for earlier versions.
?X:
?MAKE:perl5: path_sep binexp test sed exe_ext
```

```
?MAKE: -pick add $@ %<
?Y:TOP
?S:perl5:
?S: This variable contains the full path (if any) to a previously
?S: installed perl5.005 or later suitable for running the script
?S: to determine inc_version_list.
?S:.
?T: tdir
: Find perl5.005 or later.
echo "Looking for a previously installed perl5.005 or later... "
case "$perl5" in
") for tdir in `echo "$binexp$path_sep$PATH" | $sed "s/$path_sep/
 /g"`; do
  : Check if this perl is recent and can load a simple module
  if $test -x $tdir/perl$exe_ext && $tdir/perl -Mless -e 'use 5.005;' >/dev/null 2>&1; then
   perl5=$tdir/perl
   break;
  elif $test -x $tdir/perl5$exe_ext && $tdir/perl5 -Mless -e 'use 5.005;' >/dev/null 2>&1; then
   perl5=$tdir/perl5
   break;
  fi
 done
 ;;
*) perl5="$perl5"
 ;;
esac
case "$perl5" in
") echo "None found.  That's ok.";;
*) echo "Using $perl5." ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/perl5.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_pipe.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
```

```
?RCS: $Log: d_pipe.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:11:44  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_pipe: Inlibc
?MAKE: -pick add $@ %<
?S:d_pipe:
?S: This variable conditionally defines the HAS_PIPE symbol, which
?S: indicates to the C program that the pipe() routine is available
?S: to create an inter-process channel.
?S:.
?C:HAS_PIPE :
?C: This symbol, if defined, indicates
 that the pipe routine is
?C: available to create an inter-process channel.
?C:.
?H:#$d_pipe HAS_PIPE  /**/
?H:.
?LINT:set d_pipe
: see if pipe exists
set pipe d_pipe
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_pipe.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_fcntl.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_fcntl.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:18  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_fcntl: h_fcntl h_sysfile +i_sysfile Inhdr Setvar
?MAKE: -pick add $@ %<
?S:i_fcntl:
?S: This variable controls the value of I_FCNTL (which tells
?S: the C program to include <fcntl.h>).
?S:.
```

```
?C:I_FCNTL (HDR_O_STUFF FCNTL):
?C: This manifest constant tells the C program to include <fcntl.h>.
?C:.
?H:#$i_fcntl I_FCNTL /**/
?H:.
?T:val
?X:
 Make line lists +i_sysfile to ensure tests for <sys/file.h> will be
?X: conducted prior tests for <fcntl.h>, hece making sure the h_sysfile
?X: variable is correctly set when we reach that unit.
?LINT:set i_fcntl
?LINT:use i_sysfile
?LINT:change h_fcntl
: see if fcntl.h is there
val=''
set fcntl.h val
eval $inhdr

: see if we can include fcntl.h
case "$val" in
"$define")
 echo " "
 if $h_fcntl; then
  val="$define"
  echo "We'll be including <fcntl.h>." >&4
 else
  val="$undef"
  if $h_sysfile; then
 echo "We don't need to include <fcntl.h> if we include <sys/file.h>." >&4
  else
   echo "We won't be including <fcntl.h>." >&4
  fi
 fi
 ;;
*)
 h_fcntl=false
 val="$undef"
 ;;
esac
set i_fcntl
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_fcntl.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: Begin.U 1 2006-08-24 12:32:52Z rmanfredi $

```
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Begin.U,v $
?RCS: Revision 3.0.1.3  1997/02/28  14:56:35  ram
?RCS: patch61: added Extractall dependency
?RCS:
?RCS: Revision 3.0.1.2  1995/01/30  14:25:08  ram
?RCS: patch49: avoid an empty rmlist: systems might choke on it (WED)
?RCS:
?RCS: Revision 3.0.1.1  1994/10/31  09:32:20  ram
?RCS: patch44: created
?RCS:
?X:
?X: This file comes after option processing had been done and after all
?X: the default values have been set up. It marks the beginning
 of questions.
?X: It is important that Options be listed *after* Myinit to ensure that the
?X: default initializations performed by Init and Myinit will not clobber
?X: any setting done on the command line via -D or -U.
?X:
?MAKE:Begin: Myinit Options package Extractall
?MAKE: -pick add $@ %<
: Eunice requires " " instead of "", can you believe it
echo " "
: Here we go...
echo "Beginning of configuration questions for $package."

?X: Make sure the rm below is given a non-empty list for some systems.
?X: This is run only when within the UU directory, hence we can safely
?X: attempt to rm a non-existent 'X' file...
trap 'echo " "; test -d ../UU && rm -rf X $rmlist; exit 1' 1 2 3 15
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Begin.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_remquo: Inlibc
```

```
?MAKE: -pick add $@ %<
?S:d_remquo:
?S: This variable conditionally defines the HAS_REMQUO symbol, which
?S: indicates to the C program that the remquo() routine is available.
?S:.
?C:HAS_REMQUO:
?C: This symbol, if defined, indicates that the remquo routine is
?C: available to return the remainder and part of quotient.
?C:.
?H:#$d_remquo HAS_REMQUO  /**/
?H:.
?LINT:set d_remquo
: see if remquo exists
set remquo d_remquo
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_remquo.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_memset.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_memset.U,v $
?RCS: Revision 3.0.1.1  1993/09/13  16:03:11  ram
?RCS: patch10: removed text recommending bzero over memset (WAD)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:06:36  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_memset: Inlibc
?MAKE: -pick add $@ %<
?S:d_memset:
?S: This variable conditionally defines the HAS_MEMSET symbol, which
?S: indicates to the C program that the memset() routine is available
?S: to set blocks of memory.
?S:.
?C:HAS_MEMSET
 (MEMSET):
?C: This symbol, if defined, indicates that the memset routine is available
```

```
?C: to set blocks of memory.
?C:.
?H:#$d_memset HAS_MEMSET /**/
?H:.
?LINT:set d_memset
: see if memset exists
set memset d_memset
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_memset.U
No license file was found, but licenses were detected in source scan.

```
# $Id: errnolist.a,v 3.0 1993/08/18 12:04:35 ram Exp ram $
#
#  Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
#
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#  as specified in the README file that comes with the distribution.
#  You may reuse parts of this distribution only within the terms of
#  that same Artistic Licence; a copy of which may be found at the root
#  of the source tree for dist 4.0.
#
# Original Author: Harlan Stenn <harlan@mumps.pfcs.com>
#
# $Log: errnolist.a,v $
# Revision 3.0  1993/08/18 12:04:35  ram
# Baseline for dist 3.0 netwide release.
#
#
# This is a simple-minded awk script to generate an initialization for
# sys_errnolist on systems that don't have it.
# This file now depends only on sys/errno.h error numbers under maxerr being
# in order.  It will complain and die if not.  NOTE: It will still produce
# a compilable output file, even with errors, so you
 must check the output.


BEGIN  {
   format = "\t\"%s\",\n"
   printf("/*\n** This is a generated file.  Do NOT edit it unless you really have to...\n*/\n\n")
   printf("char *sys_errnolist[] = {\n")
   maxerr = 89
  }

$1=="#define" {
   if(count > maxerr || substr($2,1,1) != "E")
```

```
    next   # we're not interested
   if($3 < count) { # this is bad
    printf("Fatal error: %s out of order at %s\n",\
    FILENAME, $2)>"/dev/tty"
    exit 1
   }
   # fill in the blanks
   while($3 > count) {
    dummy=sprintf("EDUMMY%d",count)
    printf(format,dummy)
    count++
   }
   printf(format,$2)
   count++
  }

END  {
   printf("\t0\n};\n")
  }
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/errnolist.a
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_llround: Inlibc
?MAKE: -pick add $@ %<
?S:d_llround:
?S: This variable conditionally defines the HAS_LLROUND symbol, which
?S: indicates to the C program that the llround() routine is available
?S: to return the long long value nearest to x.
?S:.
?C:HAS_LLROUND:
?C: This symbol, if defined, indicates that the llround routine is
?C: available to return the nearest long long value.
?C:.
?H:#$d_llround HAS_LLROUND  /**/
?H:.
?LINT:set d_llround
: see if llround exists
set llround d_llround
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/perl/d_llround.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getpagsz.U,v 3.0.1.1 1994/10/29 16:13:10 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_getpagsz.U,v $
?RCS: Revision 3.0.1.1  1994/10/29  16:13:10  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0  1993/08/18  12:06:14  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_getpagsz: Compile Oldconfig Myread Inlibc Findhdr
?MAKE: -pick add $@ %<
?S:d_getpagsz:
?S: This variable conditionally defines HAS_GETPAGESIZE if getpagesize()
?S: is available to get the system page size.
?S:.
?C:HAS_GETPAGESIZE
 (GETPAGESIZE):
?C: This symbol, if defined, indicates that the getpagesize system call
?C: is available to get system page size, which is the granularity of
?C: many memory management calls.
?C:.
?H:#$d_getpagsz HAS_GETPAGESIZE  /**/
?H:.
?LINT:set d_getpagsz
: see if getpagesize exists
set getpagesize d_getpagsz
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_getpagsz.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getsent.U,v 3.0 1993/08/18 12:06:09 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
```

```
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_getsent.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:09  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_getsent: Inlibc
?MAKE: -pick add $@ %<
?S:d_getsent:
?S: This variable conditionally defines HAS_GETSERVENT if getservent() is
?S: available to look up network services in some data base or another.
?S:.
?C:HAS_GETSERVENT:
?C: This symbol, if defined, indicates that the getservent() routine is
?C: available to look up network services in some
 data base or another.
?C:.
?H:#$d_getsent HAS_GETSERVENT  /**/
?H:.
?LINT:set d_getsent
: see if getservent exists
set getservent d_getsent
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_getsent.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
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?RCS:
?MAKE:d_scalbn: Inlibc
?MAKE: -pick add $@ %<
?S:d_scalbn:
?S: This variable conditionally defines the HAS_SCALBN symbol, which
?S: indicates to the C program that the scalbn() routine is available.
?S:.
?C:HAS_SCALBN:
?C: This symbol, if defined, indicates that the scalbn routine is
?C: available to multiply floating-point number by integral power
?C: of radix.
?C:.
?H:#$d_scalbn HAS_SCALBN  /**/
```

```
?H:.
?LINT:set d_scalbn
: see if scalbn exists
set scalbn d_scalbn
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_scalbn.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_memrchr: Inlibc Hasproto d_gnulibc
?MAKE: -pick add $@ %<
?S:d_memrchr:
?S: This variable conditionally defines the HAS_MEMRCHR symbol, which
?S: indicates to the C program that the memrchr() routine is available
?S: to return a pointer to the last occurrence of a byte in a memory
?S: area (or NULL if not found).
?S:.
?C:HAS_MEMRCHR:
?C: This symbol, if defined, indicates that the memrchr routine is
?C: available to return a pointer to the last occurrence of a byte in
?C: a memory area (or NULL if not found).
?C:.
?H:#$d_memrchr HAS_MEMRCHR  /**/
?H:.
?T:d_memrchr_proto xx1 xx2 xx3 xx4
?LINT:set d_memrchr
: see if memrchr exists
: We need both a prototype in string.h and the symbol in libc.
echo " "
d_memrchr_proto="
xx1="#$d_gnulibc HAS_GNULIBC"
xx2='#if defined(HAS_GNULIBC)
 && !defined(_GNU_SOURCE)'
xx3='#   define _GNU_SOURCE'
xx4='#endif'
set d_memrchr_proto memrchr literal "$xx1" literal "$xx2" literal "$xx3" literal "$xx4" define string.h
eval $hasproto
case "$d_memrchr_proto" in
   define) # see if memrchr exists
 set memrchr d_memrchr
 eval $inlibc
 ;;
   *)  val=$undef
```

```
 set d_memrchr
 eval $setvar
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_memrchr.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_stdstdio.U,v 3.0.1.3 1997/02/28 15:46:32 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Tye McQueen <tye@metronet.com>
?RCS:
?RCS: $Log: d_stdstdio.U,v $
?RCS: Revision 3.0.1.3  1997/02/28  15:46:32  ram
?RCS: patch61: merged with perl5's unit
?RCS:
?RCS: Revision 3.0.1.2  1995/07/25  14:06:54  ram
?RCS: patch56: typo fix on ?C: line for FILE_bufsiz
?RCS: patch56: fixed unbalanced parenthesis (ADO)
?RCS: patch56: check whether FILE_cnt and FILE_ptr can be assigned to (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1995/05/12  12:12:11  ram
?RCS:
 patch54: complete rewrite by Tye McQueen to fit modern systems
?RCS:
?RCS: Revision 3.0  1993/08/18  12:07:31  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_stdstdio d_stdiobase stdio_ptr stdio_cnt \
 d_stdio_ptr_lval_sets_cnt d_stdio_ptr_lval_nochange_cnt stdio_base \
 stdio_bufsiz d_stdio_cnt_lval d_stdio_ptr_lval stdio_filbuf: cat \
 Compile contains rm_try d_gnulibc gnulibc_version i_stdlib \
 Setvar Findhdr Oldconfig run to
?MAKE: -pick weed $@ %<
?S:d_stdstdio:
?S: This variable conditionally defines USE_STDIO_PTR if this system
?S: has a FILE structure declaring usable _ptr and _cnt fields (or
?S: equivalent) in stdio.h.
```

```
?S:.
?S:stdio_ptr:
?S: This variable defines how, given a FILE pointer, fp, to access the
?S: _ptr field (or equivalent) of stdio.h's FILE structure.  This will
?S: be used to define the macro FILE_ptr(fp).
?S:.
?S:d_stdio_ptr_lval:
?S: This variable conditionally defines STDIO_PTR_LVALUE if the
?S: FILE_ptr macro can be used as an lvalue.
?S:.
?S:stdio_cnt:
?S: This
 variable defines how, given a FILE pointer, fp, to access the
?S: _cnt field (or equivalent) of stdio.h's FILE structure.  This will
?S: be used to define the macro FILE_cnt(fp).
?S:.
?S:d_stdio_cnt_lval:
?S: This variable conditionally defines STDIO_CNT_LVALUE if the
?S: FILE_cnt macro can be used as an lvalue.
?S:.
?S:d_stdio_ptr_lval_sets_cnt:
?S: This symbol is defined if using the FILE_ptr macro as an lvalue
?S: to increase the pointer by n has the side effect of decreasing the
?S: value of File_cnt(fp) by n.
?S:.
?S:d_stdio_ptr_lval_nochange_cnt:
?S: This symbol is defined if using the FILE_ptr macro as an lvalue
?S: to increase the pointer by n leaves File_cnt(fp) unchanged.
?S:.
?S:stdio_filbuf:
?S: This variable defines how, given a FILE pointer, fp, to tell
?S: stdio to refill its internal buffers (?).  This will
?S: be used to define the macro FILE_filbuf(fp).
?S:.
?S:d_stdiobase:
?S: This variable conditionally defines USE_STDIO_BASE if this system
?S: has
 a FILE structure declaring a usable _base field (or equivalent)
?S: in stdio.h.
?S:.
?S:stdio_base:
?S: This variable defines how, given a FILE pointer, fp, to access the
?S: _base field (or equivalent) of stdio.h's FILE structure.  This will
?S: be used to define the macro FILE_base(fp).
?S:.
?S:stdio_bufsiz:
?S: This variable defines how, given a FILE pointer, fp, to determine
?S: the number of bytes store in the I/O buffer pointer to by the
```

```
?S: _base field (or equivalent) of stdio.h's FILE structure.  This will
?S: be used to define the macro FILE_bufsiz(fp).
?S:.
?C:USE_STDIO_PTR ~ d_stdstdio (USE_STD_STDIO STDSTDIO):
?C: This symbol is defined if the _ptr and _cnt fields (or similar)
?C: of the stdio FILE structure can be used to access the stdio buffer
?C: for a file handle.  If this is defined, then the FILE_ptr(fp)
?C: and FILE_cnt(fp) macros will also be defined and should be used
?C: to access these fields.
?C:.
?C:FILE_ptr:
?C: This macro is used to access the _ptr
 field (or equivalent) of the
?C: FILE structure pointed to by its argument. This macro will always be
?C: defined if USE_STDIO_PTR is defined.
?C:.
?C:STDIO_PTR_LVALUE:
?C: This symbol is defined if the FILE_ptr macro can be used as an
?C: lvalue.
?C:.
?C:FILE_cnt:
?C: This macro is used to access the _cnt field (or equivalent) of the
?C: FILE structure pointed to by its argument. This macro will always be
?C: defined if USE_STDIO_PTR is defined.
?C:.
?C:STDIO_CNT_LVALUE:
?C: This symbol is defined if the FILE_cnt macro can be used as an
?C: lvalue.
?C:.
?C:STDIO_PTR_LVAL_SETS_CNT:
?C: This symbol is defined if using the FILE_ptr macro as an lvalue
?C: to increase the pointer by n has the side effect of decreasing the
?C: value of File_cnt(fp) by n.
?C:.
?C:STDIO_PTR_LVAL_NOCHANGE_CNT:
?C: This symbol is defined if using the FILE_ptr macro as an lvalue
?C: to increase the pointer by n leaves File_cnt(fp) unchanged.
?C:.
?C:FILE_filbuf:
?C: This macro is used to access the internal stdio
 _filbuf function
?C: (or equivalent), if STDIO_CNT_LVALUE and STDIO_PTR_LVALUE
?C: are defined.  It is typically either _filbuf or __filbuf.
?C: This macro will only be defined if both STDIO_CNT_LVALUE and
?C: STDIO_PTR_LVALUE are defined.
?C:.
?H:?d_stdstdio:#$d_stdstdio USE_STDIO_PTR /**/
?H:?d_stdstdio:#ifdef USE_STDIO_PTR
```

```
?H:#define FILE_ptr(fp) $stdio_ptr
?H:#$d_stdio_ptr_lval STDIO_PTR_LVALUE  /**/
?H:#define FILE_cnt(fp) $stdio_cnt
?H:#$d_stdio_cnt_lval STDIO_CNT_LVALUE  /**/
?H:#$d_stdio_ptr_lval_sets_cnt STDIO_PTR_LVAL_SETS_CNT /**/
?H:#$d_stdio_ptr_lval_nochange_cnt STDIO_PTR_LVAL_NOCHANGE_CNT /**/
?H:?FILE_filbuf:#if defined(STDIO_PTR_LVALUE) && defined(STDIO_CNT_LVALUE)
?H:?FILE_filbuf:#define FILE_filbuf(fp) $stdio_filbuf  /**/
?H:?FILE_filbuf:#endif
?H:?d_stdstdio:#endif
?H:.
?W:d_stdstdio:FILE_ptr FILE_cnt FILE_filbuf
?C:USE_STDIO_BASE ~ d_stdiobase:
?C: This symbol is defined if the _base field (or similar) of the
?C: stdio FILE structure can be used to access the
 stdio buffer for
?C: a file handle.  If this is defined, then the FILE_base(fp) macro
?C: will also be defined and should be used to access this field.
?C: Also, the FILE_bufsiz(fp) macro will be defined and should be used
?C: to determine the number of bytes in the buffer.  USE_STDIO_BASE
?C: will never be defined unless USE_STDIO_PTR is.
?C:.
?C:FILE_base:
?C: This macro is used to access the _base field (or equivalent) of the
?C: FILE structure pointed to by its argument. This macro will always be
?C: defined if USE_STDIO_BASE is defined.
?C:.
?C:FILE_bufsiz:
?C: This macro is used to determine the number of bytes in the I/O
?C: buffer pointed to by _base field (or equivalent) of the FILE
?C: structure pointed to its argument. This macro will always be defined
?C: if USE_STDIO_BASE is defined.
?C:.
?H:?d_stdiobase:#$d_stdiobase USE_STDIO_BASE /**/
?H:?d_stdiobase:#ifdef USE_STDIO_BASE
?H:#define FILE_base(fp) $stdio_base
?H:#define FILE_bufsiz(fp) $stdio_bufsiz
?H:?d_stdiobase:#endif
?H:.
?W:d_stdiobase:FILE_base
 FILE_bufsiz
?T:ptr_lval cnt_lval filbuf xxx
?F:!try
?LINT:set d_stdstdio d_stdiobase
: see if _ptr and _cnt from stdio act std
echo " "

if $contains '_lbfsize' `./findhdr stdio.h` >/dev/null 2>&1 ; then
```

```
 echo "(Looks like you have stdio.h from BSD.)"
 case "$stdio_ptr" in
 '') stdio_ptr='((fp)->_p)'
  ptr_lval=$define
  ;;
 *) ptr_lval=$d_stdio_ptr_lval;;
 esac
 case "$stdio_cnt" in
 '') stdio_cnt='((fp)->_r)'
  cnt_lval=$define
  ;;
 *) cnt_lval=$d_stdio_cnt_lval;;
 esac
 case "$stdio_base" in
 '') stdio_base='((fp)->_ub._base ? (fp)->_ub._base : (fp)->_bf._base)';;
 esac
 case "$stdio_bufsiz" in
 '') stdio_bufsiz='((fp)->_ub._base ? (fp)->_ub._size : (fp)->_bf._size)';;
 esac
elif $contains '_IO_fpos_t' `./findhdr stdio.h` `./findhdr libio.h` >/dev/null 2>&1 ; then
 echo "(Looks like you have stdio.h from Linux.)"
 case "$stdio_ptr" in
 '') stdio_ptr='((fp)->_IO_read_ptr)'
  ptr_lval=$define
  ;;
 *) ptr_lval=$d_stdio_ptr_lval;;
 esac
 case "$stdio_cnt"
 in
 '') stdio_cnt='((fp)->_IO_read_end - (fp)->_IO_read_ptr)'
  cnt_lval=$undef
  ;;
 *) cnt_lval=$d_stdio_cnt_lval;;
 esac
 case "$stdio_base" in
 '') stdio_base='((fp)->_IO_read_base)';;
 esac
 case "$stdio_bufsiz" in
 '') stdio_bufsiz='((fp)->_IO_read_end - (fp)->_IO_read_base)';;
 esac
else
 case "$stdio_ptr" in
 '') stdio_ptr='((fp)->_ptr)'
  ptr_lval=$define
  ;;
 *) ptr_lval=$d_stdio_ptr_lval;;
 esac
 case "$stdio_cnt" in
```

```
 ") stdio_cnt='((fp)->_cnt)'
  cnt_lval=$define
  ;;
 *) cnt_lval=$d_stdio_cnt_lval;;
 esac
 case "$stdio_base" in
 ") stdio_base='((fp)->_base)';;
 esac
 case "$stdio_bufsiz" in
 ") stdio_bufsiz='((fp)->_cnt + (fp)->_ptr - (fp)->_base)';;
 esac
fi

: test whether _ptr and _cnt really work
echo "Checking how std your stdio is..." >&4
$cat >try.c <<EOP
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#define FILE_ptr(fp) $stdio_ptr
#define FILE_cnt(fp) $stdio_cnt
int main() {
 FILE *fp = fopen("try.c", "r");
 char c = getc(fp);
 if
 (
  18 <= FILE_cnt(fp) &&
  strncmp(FILE_ptr(fp), "include <stdio.h>\n", 18) == 0
 )
  exit(0);
 exit(1);
}
EOP
val="$undef"
set try
if eval $compile && $to try.c; then
 if $run ./try; then
  echo "Your stdio acts pretty std."
  val="$define"
 else
  echo "Your stdio isn't very std."
 fi
else
 echo "Your stdio doesn't appear very std."
fi
$rm_try
```

```
# glibc 2.2.90 and above apparently change stdio streams so Perl's
# direct buffer manipulation no longer works.  The Configure tests
# should be changed to correctly detect this, but until then,
# the following check should at least let perl compile and run.
# (This quick fix should be updated before 5.8.1.)
# To be defensive, reject all unknown versions, and all versions  > 2.2.9.
# A. Dougherty, June 3, 2002.
case "$d_gnulibc" in
$define)
 case "$gnulibc_version" in
 2.[01]*)  ;;
 2.2) ;;
 2.2.[0-9]) ;;
 *)  echo "But I will not snoop inside glibc $gnulibc_version stdio buffers."
  val="$undef"
  ;;
 esac
 ;;
esac
set d_stdstdio
eval
 $setvar

@if STDIO_PTR_LVALUE || d_stdio_ptr_lval
: Can _ptr be used as an lvalue?
?X: Only makes sense if we have a known stdio implementation.
case "$d_stdstdio$ptr_lval" in
$define$define) val=$define ;;
*) val=$undef ;;
esac
set d_stdio_ptr_lval
eval $setvar
@end

@if STDIO_CNT_LVALUE || d_stdio_cnt_lval
: Can _cnt be used as an lvalue?
?X: Only makes sense if we have a known stdio implementation.
case "$d_stdstdio$cnt_lval" in
$define$define) val=$define ;;
*) val=$undef ;;
esac
set d_stdio_cnt_lval
eval $setvar
@end

@if FILE_filbuf
: How to access the stdio _filbuf or __filbuf function.
```

```
: If this fails, check how the getc macro in stdio.h works.
case "${d_stdio_ptr_lval}${d_stdio_cnt_lval}" in
${define}${define})
 : Try $hint value, if any, then _filbuf, __filbuf, _fill, then punt.
 : _fill is for os/2.
 xxx='notok'
 for filbuf in $stdio_filbuf '_filbuf(fp)' '__filbuf(fp) ' '_fill(fp)' ; do
  $cat >try.c <<EOP
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#define
 FILE_ptr(fp) $stdio_ptr
#define FILE_cnt(fp) $stdio_cnt
#define FILE_filbuf(fp) $filbuf
int main() {
 FILE *fp = fopen("try.c", "r");
 int c;
 c = getc(fp);
 c = FILE_filbuf(fp);  /* Just looking for linker errors.*/
 exit(0);
}
EOP
  set try
  if eval $compile && $to try.c && $run ./try; then
   echo "Your stdio appears to use $filbuf"
   stdio_filbuf="$filbuf"
   xxx='ok'
   break
  else
   echo "Hmm.  $filbuf doesn't seem to work."
  fi
  $rm_try
 done
 case "$xxx" in
 notok) echo "I can't figure out how to access _filbuf"
   echo "I'll just have to work around it."
   d_stdio_ptr_lval="$undef"
   d_stdio_cnt_lval="$undef"
   ;;
 esac
 ;;
esac
@end

@if STDIO_PTR_LVALUE
```

```
: test whether setting _ptr sets _cnt as a side effect
d_stdio_ptr_lval_sets_cnt="$undef"
d_stdio_ptr_lval_nochange_cnt="$undef"
case "$d_stdio_ptr_lval$d_stdstdio" in
$define$define)
 echo "Checking to see what happens if we set the stdio ptr..." >&4
$cat >try.c <<EOP
#include <stdio.h>
/* Can
 we scream? */
/* Eat dust sed :-) */
/* In the buffer space, no one can hear you scream. */
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#define FILE_ptr(fp) $stdio_ptr
#define FILE_cnt(fp) $stdio_cnt
#include <sys/types.h>
int main() {
 FILE *fp = fopen("try.c", "r");
 int c;
 char *ptr;
 size_t cnt;
 if (!fp) {
    puts("Fail even to read");
    exit(1);
 }
 c = getc(fp); /* Read away the first # */
 if (c == EOF) {
    puts("Fail even to read");
    exit(1);
 }
 if (!(
  18 <= FILE_cnt(fp) &&
  strncmp(FILE_ptr(fp), "include <stdio.h>\n", 18) == 0
 )) {
  puts("Fail even to read");
  exit (1);
 }
 ptr = (char*) FILE_ptr(fp);
 cnt = (size_t)FILE_cnt(fp);

 FILE_ptr(fp) += 42;

 if ((char*)FILE_ptr(fp) != (ptr + 42)) {
  printf("Fail ptr check %p != %p", FILE_ptr(fp), (ptr + 42));
  exit (1);
```

```
 }
 if (FILE_cnt(fp) <= 20) {
  printf ("Fail (<20 chars to test)");
  exit (1);
 }
 if (strncmp(FILE_ptr(fp), "Eat dust sed :-) */\n", 20) != 0) {
  puts("Fail compare");
  exit
 (1);
 }
 if (cnt == FILE_cnt(fp)) {
  puts("Pass_unchanged");
  exit (0);
 }
 if (FILE_cnt(fp) == (cnt - 42)) {
  puts("Pass_changed");
  exit (0);
 }
 printf("Fail count was %d now %d\n", cnt, FILE_cnt(fp));
 return 1;

}
EOP
 set try
 if eval $compile && $to try.c; then
  case `$run ./try` in
  Pass_changed)
   echo "Increasing ptr in your stdio decreases cnt by the same amount.  Good." >&4
   d_stdio_ptr_lval_sets_cnt="$define" ;;
  Pass_unchanged)
   echo "Increasing ptr in your stdio leaves cnt unchanged.  Good." >&4
   d_stdio_ptr_lval_nochange_cnt="$define" ;;
  Fail*)
   echo "Increasing ptr in your stdio didn't do exactly what I expected.  We'll not be doing that then." >&4 ;;
  *)
   echo "It appears attempting to set ptr in your stdio is a bad plan." >&4 ;;
 esac
 else
  echo "It seems we can't set ptr in your stdio.  Nevermind." >&4
 fi
 $rm_try
 ;;
esac
@end

@if d_stdiobase || USE_STDIO_BASE || FILE_base || FILE_bufsiz
: see if _base is also standard
val="$undef"
```

```
case
 "$d_stdstdio" in
$define)
 $cat >try.c <<EOP
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#define FILE_base(fp) $stdio_base
#define FILE_bufsiz(fp) $stdio_bufsiz
int main() {
 FILE *fp = fopen("try.c", "r");
 char c = getc(fp);
 if (
  19 <= FILE_bufsiz(fp) &&
  strncmp(FILE_base(fp), "#include <stdio.h>\n", 19) == 0
 )
  exit(0);
 exit(1);
}
EOP
 set try
 if eval $compile && $to try.c; then
  if $run ./try; then
   echo "And its _base field acts std."
   val="$define"
  else
   echo "But its _base field isn't std."
  fi
 else
  echo "However, it seems to be lacking the _base field."
 fi
 $rm_try
 ;;
esac
set d_stdiobase
eval $setvar

@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_stdstdio.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: d_inetd.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_inetd.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:23  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_inetd: cat test package Myread Setvar
?MAKE: -pick add $@ %<
?S:d_inetd:
?S: This symbol conditionally defines USE_INETD which indicates to the C
?S: program that the initial socket connection will be done via inetd.
?S:.
?C:USE_INETD (INETD):
?C: This symbol if defined indicates to the C program that inetd will be
?C: in charge of the
 initial socket connection. The file descriptors 0 and
?C: 1 have been dup()ed from the original connected socket descriptor and
?C: are ready for send() and recv().
?C:.
?H:#$d_inetd USE_INETD  /**/
?H:.
?LINT:set d_inetd
: ask whether initial socket connection is to be done via inetd
echo " "
dflt=n
case "$d_inetd" in
") if $test -f /etc/inetd.conf; then
  $cat <<EOM
Your system provides a so called "Internet super-server", the inetd daemon.
Network services like ftp or rlogin are usually handled via ftpd and rlogind
daemons. Without inetd, these daemons must always be running for the service
to be on. On the contrary, inetd listens to specific ports defined in file
/etc/inetd.conf and will run the appropriate daemon upon request. This scheme
avoids eating up the process table and memory with useless daemons.

I can set up things so that internet connections for $package will be done
using inetd, in which case you will have to edit /etc/inetd.conf to add some
specific informations.

EOM
  dflt=y
 else
```

```
  $cat
 <<EOM
I do not see any trace of a configuration file for inetd, hence I assume your
system does not support the so called "Internet super-server". This means
$package will need to have a daemon process running on this machine to allow
network connections.

EOM
 fi;;
*) case "$d_inetd" in
 "$define") dflt=y;;
 esac;;
esac
rp='Do you wish to use inetd for network connections?'
. ./myread
val="$undef"
case "$ans" in
y*|Y*) val="$define";;
esac
set d_inetd
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_inetd.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_lockf.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_lockf.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:09:36  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_lockf: Inlibc
?MAKE: -pick add $@ %<
?S:d_lockf:
?S: This variable conditionally defines HAS_LOCKF if lockf() is
?S: available to do file locking.
```

```
?S:.
?C:HAS_LOCKF (LOCKF):
?C: This symbol, if defined, indicates that the lockf routine is
?C: available to do file locking.
?C:.
?H:#$d_lockf
 HAS_LOCKF  /**/
?H:.
?LINT:set d_lockf
: see if lockf exists
set lockf d_lockf
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_lockf.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: cpp_stuff.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: cpp_stuff.U,v $
?RCS: Revision 3.0.1.1  1994/10/29  16:08:24  ram
?RCS: patch36: now uses cppstdin instead of plain cpp for consistency (ADO)
?RCS: patch36: remove temporary files when done
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:36  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:cpp_stuff: cat contains cppstdin cppflags cppminus rm
?MAKE: -pick add $@ %<
?S:cpp_stuff:
?S: This variable contains an identification of the concatenation
 mechanism
?S: used by the C preprocessor.
?S:.
?C:CAT2:
?C: This macro concatenates 2 tokens together.
?C:.
?C:CAT3:
?C: This macro concatenates 3 tokens together.
```

```
?C:.
?C:CAT4:
?C: This macro concatenates 4 tokens together.
?C:.
?C:CAT5:
?C: This macro concatenates 5 tokens together.
?C:.
?C:STRINGIFY:
?C: This macro surrounds its token with double quotes.
?C:.
?C:SCAT2:
?C: This macro concatenates 2 tokens together and stringifies the result.
?C: It might not exist, so #ifdef it in your code!
?C:.
?C:SCAT3:
?C: This macro concatenates 3 tokens together and stringifies the result.
?C: It might not exist, so #ifdef it in your code!
?C:.
?C:SCAT4:
?C: This macro concatenates 4 tokens together and stringifies the result.
?C: It might not exist, so #ifdef it in your code!
?C:.
?C:SCAT5:
?C: This macro concatenates 5 tokens together and stringifies the result.
?C: It might not exist, so #ifdef it in your code!
?C:.
?X: Dist pl70 included the following, but AIX's xlc compiler
?X: (which
 is ANSI-ish and has cpp_stuff == 42)) rejects
?X: The SQuoTe/EQuoTe stuff because the string literals are on
?X: separate lines.  Sigh.
?X:  Andy Dougherty   24 Feb 1998
?X: ?H:?%<:#if $cpp_stuff == 1
?X: ?H:?CAT2:#define CAT2(a,b)a/**/b
?X: ?H:?CAT3:#define CAT3(a,b,c)a/**/b/**/c
?X: ?H:?CAT4:#define CAT4(a,b,c,d)a/**/b/**/c/**/d
?X: ?H:?CAT5:#define CAT5(a,b,c,d,e)a/**/b/**/c/**/d/**/e
?X: ?H:?STRINGIFY:#define STRINGIFY(a)"a"
?X: ?H:?%<:#define SQuoTe(a)"a
?X: ?H:?%<:#define EQuoTe(a)a"
?X: ?H:?SCAT2:#define SCAT2(a,b)EQuoTe(SQuoTe(a)b)
?X: ?H:?SCAT3:#define SCAT3(a,b,c)EQuoTe(SQuoTe(a)b/**/c)
?X: ?H:?SCAT4:#define SCAT4(a,b,c,d)EQuoTe(SQuoTe(a)b/**/c/**/d)
?X: ?H:?SCAT5:#define SCAT5(a,b,c,d,e)EQuoTe(SQuoTe(a)b/**/c/**/d/**/e)
?X: ?H:?%<:#endif
?H:?%<:#if $cpp_stuff == 1
?H:?CAT2:#define CAT2(a,b) a/**/b
?H:?CAT3:#define CAT3(a,b,c) a/**/b/**/c
```

```
?H:?CAT4:#define CAT4(a,b,c,d) a/**/b/**/c/**/d
?H:?CAT5:#define CAT5(a,b,c,d,e) a/**/b/**/c/**/d/**/e
?H:?STRINGIFY:#define STRINGIFY(a) "a"
?X: If
 you can get stringification with catify, tell me how!
?H:?%<:#endif
?H:?%<:#if $cpp_stuff == 42
?H:?%<:#define PeRl_CaTiFy(a, b) a ## b
?H:?%<:#define PeRl_StGiFy(a) #a
?X: The additional level of indirection enables these macros to be
?X: used as arguments to other macros.  See K&R 2nd ed., page 231.
?H:?CAT2:#define CAT2(a,b) PeRl_CaTiFy(a,b)
?H:?CAT3:#define CAT3(a,b,c) CAT2(PeRl_CaTiFy(a,b),c)
?H:?CAT4:#define CAT4(a,b,c,d) CAT2(CAT3(a,b,c),d)
?H:?CAT5:#define CAT5(a,b,c,d,e) CAT2(CAT4(a,b,c,d),e)
?H:?%<:#define StGiFy(a) PeRl_StGiFy(a)
?H:?STRINGIFY:#define STRINGIFY(a) PeRl_StGiFy(a)
?H:?SCAT2:#define SCAT2(a,b) PeRl_StGiFy(a) PeRl_StGiFy(b)
?H:?SCAT3:#define SCAT3(a,b,c) PeRl_StGiFy(a) PeRl_StGiFy(b) PeRl_StGiFy(c)
?H:?SCAT4:#define SCAT4(a,b,c,d) PeRl_StGiFy(a) PeRl_StGiFy(b) PeRl_StGiFy(c) PeRl_StGiFy(d)
?H:?SCAT5:#define SCAT5(a,b,c,d,e) PeRl_StGiFy(a) PeRl_StGiFy(b) PeRl_StGiFy(c) PeRl_StGiFy(d)
PeRl_StGiFy(e)
?H:?%<:#endif
?H:?%<:#if $cpp_stuff != 1 && $cpp_stuff
 != 42
?H:?%<:#include "Bletch: How does this C preprocessor concatenate tokens?"
?H:?%<:#endif
?H:.
?W:%<:CAT2 CAT3 CAT4 CAT5 STRINGIFY SCAT2 SCAT3 SCAT4 SCAT5
?F:!cpp_stuff.c
?LINT:known StGiFy
?LINT:known PeRl_CaTiFy
?LINT:known PeRl_StGiFy
: how do we concatenate cpp tokens here?
echo " "
echo "Checking to see how your cpp does stuff like concatenate tokens..." >&4
$cat >cpp_stuff.c <<'EOCP'
#define RCAT(a,b)a/**/b
#define ACAT(a,b)a ## b
RCAT(Rei,ser)
ACAT(Cir,cus)
EOCP
$cppstdin $cppflags $cppminus <cpp_stuff.c >cpp_stuff.out 2>&1
if $contains 'Circus' cpp_stuff.out >/dev/null 2>&1; then
 echo "Oh!  Smells like ANSI's been here." >&4
 echo "We can catify or stringify, separately or together!"
 cpp_stuff=42
elif $contains 'Reiser' cpp_stuff.out >/dev/null 2>&1; then
```

```
 echo "Ah, yes!  The good old days!" >&4
 echo "However, in the good old days we don't know how to stringify and"
 echo "catify at the same time."
 cpp_stuff=1
else
 $cat >&4 <<EOM
Hmm, I don't seem to be able to concatenate
 tokens with your cpp.
You're going to have to edit the values of CAT[2-5] in config.h...
EOM
?X: It would be nice to have configure remind us at the end that some manual
?X: intervention is needed -- FIXME
 cpp_stuff="/* Help! How do we handle cpp_stuff? */*/"
fi
$rm -f cpp_stuff.*
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/cpp_stuff.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_mkdtemp: Inlibc
?MAKE: -pick add $@ %<
?S:d_mkdtemp:
?S: This variable conditionally defines the HAS_MKDTEMP symbol, which
?S: indicates to the C program that the mkdtemp() routine is available
?S: to exclusively create a uniquely named temporary directory.
?S:.
?C:HAS_MKDTEMP :
?C: This symbol, if defined, indicates that the mkdtemp routine is
?C: available to exclusively create a uniquely named temporary directory.
?C:.
?H:#$d_mkdtemp HAS_MKDTEMP  /**/
?H:.
?LINT:set d_mkdtemp
: see if mkdtemp exists
set mkdtemp d_mkdtemp
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/perl/d_mkdtemp.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:usemorebits: Setvar
?MAKE: -pick add $@ %<
?Y:TOP
?S:usemorebits:
?S: This variable conditionally defines the USE_MORE_BITS symbol,
?S: and indicates that explicit 64-bit interfaces and long doubles
?S: should be used when available.
?S:.
?C:USE_MORE_BITS:
?C: This symbol, if defined, indicates that 64-bit interfaces and
?C: long doubles should be used when available.
?C:.
?H:?%<:#ifndef USE_MORE_BITS
?H:?%<:#$usemorebits USE_MORE_BITS  /**/
?H:?%<:#endif
?H:.
?LINT:extern use64bitint
?LINT:change use64bitint
?LINT:extern uselongdouble
?LINT:change uselongdouble
: Check if morebits is requested
case "$usemorebits" in
"$define"|true|[yY]*)
 use64bitint="$define"
 uselongdouble="$define"
 usemorebits="$define"
 ;;
*) usemorebits="$undef"
 ;;
esac
```

Found
 in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/usemorebits.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_rename.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_rename.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:54  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_rename: Inlibc
?MAKE: -pick add $@ %<
?S:d_rename:
?S: This variable conditionally defines the HAS_RENAME symbol, which
?S: indicates to the C program that the rename() routine is available
?S: to rename files.
?S:.
?C:HAS_RENAME (RENAME):
?C: This symbol, if defined, indicates that the rename routine is available
?C: to rename files.
  Otherwise you should do the unlink(), link(), unlink()
?C: trick.
?C:.
?H:#$d_rename HAS_RENAME /**/
?H:.
?LINT:set d_rename
: see if rename exists
set rename d_rename
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_rename.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_itimer.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
```

```
?RCS: $Log: d_itimer.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:25  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_itimer: Inlibc
?MAKE: -pick add $@ %<
?S:d_itimer:
?S: This variable conditionally defines the HAS_ITIMER symbol, which
?S: indicates that the setitimer() routine exists.  The setitimer()
?S: routine supports sub-second accuracy for one real-time and two
?S: cpu clocks.
?S:.
?C:HAS_ITIMER (ITIMER):
?C: This symbol, if defined, indicates
 that the setitimer() routine exists.
?C:.
?H:#$d_itimer HAS_ITIMER /**/
?H:.
?LINT:set d_itimer
: see if setitimer exists
set setitimer d_itimer
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_itimer.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_mkdir.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_mkdir.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:37  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_mkdir: Inlibc
?MAKE: -pick add $@ %<
?S:d_mkdir:
?S: This variable conditionally defines the HAS_MKDIR symbol, which
?S: indicates to the C program that the mkdir() routine is available
?S: to create directories..
```

```
?S:.
?C:HAS_MKDIR (MKDIR):
?C: This symbol, if defined, indicates that the mkdir routine is available
?C: to create directories.
  Otherwise you should fork off a new process to
?C: exec /bin/mkdir.
?C:.
?H:#$d_mkdir HAS_MKDIR  /**/
?H:.
?LINT:set d_mkdir
: see if mkdir exists
set mkdir d_mkdir
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_mkdir.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_wctomb.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_wctomb.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:20:43  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_wctomb: Inlibc
?MAKE: -pick add $@ %<
?S:d_wctomb:
?S: This variable conditionally defines the HAS_WCTOMB symbol, which
?S: indicates to the C program that the wctomb() routine is available
?S: to convert a wide character to a multibyte.
?S:.
?C:HAS_WCTOMB (WCTOMB):
?C: This
 symbol, if defined, indicates that the wctomb routine is available
?C: to convert a wide character to a multibyte.
?C:.
?H:#$d_wctomb HAS_WCTOMB  /**/
```

```
?H:.
?LINT:set d_wctomb
: see if wctomb exists
set wctomb d_wctomb
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_wctomb.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:use64bitint use64bitall archname64: Myread Oldconfig Setvar test \
 usemorebits longsize ccflags d_quad uquadtype Compile rm_try run
?MAKE: -pick add $@ %<
?Y:TOP
?S:use64bitint:
?S: This variable conditionally defines the USE_64_BIT_INT symbol,
?S: and indicates that 64-bit integer types should be used
?S: when available.  The minimal possible 64-bitness
?S: is employed, just enough to get 64-bit integers into Perl.
?S: This may mean using for example "long longs", while your memory
?S: may still be limited to 2 gigabytes.
?S:.
?S:use64bitall:
?S: This variable conditionally defines the USE_64_BIT_ALL symbol,
?S: and indicates that 64-bit integer types should be used
?S: when available.  The maximal
 possible
?S: 64-bitness is employed: LP64 or ILP64, meaning that you will
?S: be able to use more than 2 gigabytes of memory.  This mode is
?S: even more binary incompatible than USE_64_BIT_INT. You may not
?S: be able to run the resulting executable in a 32-bit CPU at all or
?S: you may need at least to reboot your OS to 64-bit mode.
?S:.
?S:archname64:
?S: This variable is used for the 64-bitness part of $archname.
?S:.
?C:USE_64_BIT_INT:
?C: This symbol, if defined, indicates that 64-bit integers should
?C: be used when available.  If not defined, the native integers
?C: will be employed (be they 32 or 64 bits).  The minimal possible
```

```
?C: 64-bitness is used, just enough to get 64-bit integers into Perl.
?C: This may mean using for example "long longs", while your memory
?C: may still be limited to 2 gigabytes.
?C:.
?C:USE_64_BIT_ALL:
?C: This symbol, if defined, indicates that 64-bit integers should
?C: be used when available.  If not defined, the native integers
?C: will be used (be
 they 32 or 64 bits).  The maximal possible
?C: 64-bitness is employed: LP64 or ILP64, meaning that you will
?C: be able to use more than 2 gigabytes of memory.  This mode is
?C: even more binary incompatible than USE_64_BIT_INT. You may not
?C: be able to run the resulting executable in a 32-bit CPU at all or
?C: you may need at least to reboot your OS to 64-bit mode.
?C:.
?H:?%<:#ifndef USE_64_BIT_INT
?H:?%<:#$use64bitint USE_64_BIT_INT  /**/
?H:?%<:#endif
?H:?%<:#ifndef USE_64_BIT_ALL
?H:?%<:#$use64bitall USE_64_BIT_ALL  /**/
?H:?%<:#endif
?H:.
?INIT:archname64="
?LINT:extern ccflags
?LINT:use usemorebits
?LINT:extern use64bits
?LINT:extern uselonglong
?LINT:extern uselonglongs
?LINT:extern use64bitints
?LINT:extern use64bitsint
?LINT:extern use64bitsall
?T:libcquad
?F:!try
?F:!use64bitint.cbu
?F:!use64bitall.cbu
: Do we want 64bit support
case "$uselonglong" in
"$define"|true|[yY]*)
 cat <<EOM >&4

*** Configure -Duselonglong is deprecated, using -Duse64bitint instead.
EOM
 use64bitint="$define"
 ;;
esac
case
 "$use64bits" in
"$define"|true|[yY]*)
```

```
 cat <<EOM >&4

*** Configure -Duse64bits is deprecated, using -Duse64bitint instead.
EOM
 use64bitint="$define"
 ;;
esac
case "$use64bitints" in
"$define"|true|[yY]*)
 cat <<EOM >&4

*** There is no Configure -Duse64bitints, using -Duse64bitint instead.
EOM
 use64bitint="$define"
 ;;
esac
case "$use64bitsint" in
"$define"|true|[yY]*)
 cat <<EOM >&4

*** There is no Configure -Duse64bitsint, using -Duse64bitint instead.
EOM
 use64bitint="$define"
 ;;
esac
case "$uselonglongs" in
"$define"|true|[yY]*)
 cat <<EOM >&4

*** There is no Configure -Duselonglongs, using -Duse64bitint instead.
EOM
 use64bitint="$define"
 ;;
esac
case "$use64bitsall" in
"$define"|true|[yY]*)
 cat <<EOM >&4

*** There is no Configure -Duse64bitsall, using -Duse64bitall instead.
EOM
 use64bitall="$define"
 ;;
esac

case "$ccflags" in
*-DUSE_LONG_LONG*|*-DUSE_64_BIT_INT*|*-DUSE_64_BIT_ALL*) use64bitint="$define";;
esac
case "$use64bitall" in
```

```
"$define"|true|[yY]*)
 use64bitint="$define" ;;
esac

case "$longsize" in
8) cat <<EOM

You have natively 64-bit long integers.
EOM
  val="$define"
  ;;
*) case "$use64bitint" in
  "$define"|true|[yY]*) dflt='y';;
  *) dflt='n';;
  esac
  case "$d_quad" in
  "$define") ;;
  *) dflt='n' ;;
  esac
  cat <<EOM

Perl can be built to take advantage of 64-bit integer types
on some systems.  To do so, Configure can be run with -Duse64bitint.
Choosing this option will most probably introduce binary incompatibilities.

If this doesn't make any sense to you, just accept the default '$dflt'.
(The default has been chosen based on your configuration.)
EOM
  rp='Try to use 64-bit integers, if available?'
  . ./myread
  case "$ans" in
  [yY]*) val="$define" ;;
  *)     val="$undef"  ;;
  esac
  ;;
esac
set use64bitint
eval $setvar

case "$use64bitall" in
"$define"|true|[yY]*) dflt='y' ;;
*) case "$longsize" in
  8) dflt='y' ;;
  *) dflt='n' ;;
  esac
  ;;
esac
cat <<EOM
```

```
You may also
 choose to try maximal 64-bitness.  It means using as much
64-bitness as possible on the platform.  This in turn means even more
binary incompatibilities.  On the other hand, your platform may not
have any more 64-bitness available than what you already have chosen.

If this doesn't make any sense to you, just accept the default '$dflt'.
(The default has been chosen based on your configuration.)
EOM
rp='Try to use maximal 64-bit support, if available?'
. ./myread
case "$ans" in
[yY]*) val="$define" ;;
*)     val="$undef"  ;;
esac
set use64bitall
eval $setvar
case "$use64bitall" in
"$define")
 case "$use64bitint" in
 "$undef")
  cat <<EOM

Since you have chosen a maximally 64-bit build, I'm also turning on
the use of 64-bit integers.
EOM
  use64bitint="$define" ;;
 esac
 ;;
esac

: Look for a hint-file generated 'call-back-unit'.  If the
: user has specified that a 64-bit perl is to be built,
: we may need to set or change some other defaults.
if $test -f use64bitint.cbu; then
 echo "Your
 platform has some specific hints regarding 64-bit integers, using them..."
 . ./use64bitint.cbu
fi
case "$use64bitint" in
"$define"|true|[yY]*)
 : This test was common to all the OpenBSD forks, and seems harmless for
 : other platforms:
 echo " "
 echo "Checking if your C library has broken 64-bit functions..." >&4
 cat >try.c <<EOCP
#include <stdio.h>
```

```
typedef $uquadtype myULL;
int main (void)
{
  struct {
 double d;
 myULL  u;
  } *p, test[] = {
 {4294967303.15, 4294967303ULL},
 {4294967294.2,  4294967294ULL},
 {4294967295.7,  4294967295ULL},
 {0.0, 0ULL}
  };
  for (p = test; p->u; p++) {
 myULL x = (myULL)p->d;
 if (x != p->u) {
    printf("buggy\n");
    return 0;
 }
  }
  printf("ok\n");
  return 0;
}
EOCP
 set try
 if eval $compile_ok; then
    libcquad=`$run ./try`
    echo "Your C library's 64-bit functions are $libcquad."
 else
    echo "(I can't seem to compile the test program.)"
    echo "Assuming that your C library's 64-bit functions are ok."
    libcquad="ok"
 fi
 $rm_try

 case
 "$libcquad" in
    buggy*)
  cat >&4 <<EOM

*** You have a C library with broken 64-bit functions.
*** 64-bit support does not work reliably in this configuration.
*** Please rerun Configure without -Duse64bitint and/or -Dusemorebits.
*** Cannot continue, aborting.

EOM
  exit 1
  ;;
 esac
```

```
 case "$longsize" in
 4) case "$archname64" in
    ") archname64=64int ;;
    esac
    ;;
 esac
 ;;
esac

: Look for a hint-file generated 'call-back-unit'.  If the
: user has specified that a maximally 64-bit perl is to be built,
: we may need to set or change some other defaults.
if $test -f use64bitall.cbu; then
 echo "Your platform has some specific hints regarding 64-bit builds, using them..."
 . ./use64bitall.cbu
fi
case "$use64bitall" in
"$define"|true|[yY]*)
 case "$longsize" in
 4) case "$archname64" in
    "|64int) archname64=64all ;;
    esac
    ;;
 esac
 ;;
esac

case "$d_quad:$use64bitint" in
$undef:$define)
 cat >&4 <<EOF

*** You have chosen to use 64-bit
 integers,
*** but none can be found.
*** Please rerun Configure without -Duse64bitint and/or -Dusemorebits.
*** Cannot continue, aborting.

EOF
 exit 1
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/use64bits.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: d_ftrncate.U 1 2006-08-24 12:32:52Z rmanfredi $

```
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_ftrncate.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:07  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_ftrncate: Inlibc
?MAKE: -pick add $@ %<
?S:d_ftrncate (d_ftruncate):
?S: This variable conditionally defines the HAS_FTRUNCATE symbol, which
?S: indicates to the C program that the ftruncate() subroutine exists.
?S:.
?C:HAS_FTRUNCATE:
?C: This symbol, if defined, indicates that the ftruncate() subroutine
?C: exists.
?C:.
?H:#$d_ftrncate
 HAS_FTRUNCATE /**/
?H:.
?LINT:set d_ftrncate
: see if ftruncate exists
set ftruncate d_ftrncate
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_ftrncate.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: randfunc.U,v 3.0 1993/08/18 12:09:39 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: randfunc.U,v $
?RCS: Revision 3.0  1993/08/18  12:09:39  ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This is the new unit that should be used when random
?X: functions are to be used. It thus makes randbits.U obsolete.
?X:
?X: This unit gives a simple #define for Drand01, which produces
?X: doubles in the range [0,1) using the "best" random number
?X: generator available.  The source should just call Drand01
?X: and not worry about the underlying
 implementation.
?X:     Andy Dougherty  July 1998
?X:
?MAKE:randfunc drand01 seedfunc randbits randseedtype: \
 Compile Myread Csym ccflags
?MAKE: -pick add $@ %<
?S:randfunc:
?S: Indicates the name of the random number function to use.
?S: Values include drand48, random, and rand. In C programs,
?S: the 'Drand01' macro is defined to generate uniformly distributed
?S: random numbers over the range [0., 1.[ (see drand01 and nrand).
?S:.
?S:drand01:
?S: Indicates the macro to be used to generate normalized
?S: random numbers.  Uses randfunc, often divided by
?S: (double) (((unsigned long) 1 << randbits)) in order to
?S: normalize the result.
?S: In C programs, the macro 'Drand01' is mapped to drand01.
?S:.
?S:randseedtype:
?S: Indicates the type of the argument of the seedfunc.
?S:.
?S:seedfunc:
?S: Indicates the random number generating seed function.
?S: Values include srand48, srandom, and srand.
?S:.
?S:randbits:
?S: Indicates how many bits are produced by the function used to
?S: generate
 normalized random numbers.
?S:.
?C:RANDFUNC:
?C: This symbol defines the random function used to define Drand01().
?C:.
?C:Drand01:
?C: This macro is to be used to generate uniformly distributed
?C: random numbers over the range [0., 1.[.  You may have to supply
?C: an 'extern double drand48();' in your program since SunOS 4.1.3
```

```
?C: doesn't provide you with anything relevant in its headers.
?C: See HAS_DRAND48_PROTO.
?C:.
?C:Rand_seed_t:
?C: This symbol defines the type of the argument of the
?C: random seed function.
?C:.
?C:seedDrand01:
?C: This symbol defines the macro to be used in seeding the
?C: random number generator (see Drand01).
?C:.
?C:RANDBITS:
?C: This symbol indicates how many bits are produced by the
?C: function used to generate normalized random numbers.
?C: Values include 15, 16, 31, and 48.
?C:.
?H:#define RANDFUNC  $randfunc  /**/
?H:#define Drand01()  $drand01  /**/
?H:#define Rand_seed_t  $randseedtype  /**/
?H:#define seedDrand01(x) $seedfunc((Rand_seed_t)x) /**/
?H:#define
 RANDBITS  $randbits  /**/
?H:.
?LINT:change ccflags
?LINT:unclosed $randbits))"
: How can we generate normalized random numbers ?
echo " "
echo "Using our internal random number implementation..." >&4

case "$ccflags" in
*-Dmy_rand=*|*-Dmy_srand=*)
 echo "Removing obsolete -Dmy_rand, -Dmy_srand, and -Drandbits from ccflags." >&4
 ccflags="`echo $ccflags | sed -e 's/-Dmy_rand=random/ /'`"
 ccflags="`echo $ccflags | sed -e 's/-Dmy_srand=srandom/ /'`"
 ccflags="`echo $ccflags | sed -e 's/-Drandbits=[0-9][0-9]*/ /'`"
 ;;
esac

randfunc=Perl_drand48
drand01="Perl_drand48()"
seedfunc="Perl_drand48_init"
randbits=48
randseedtype=U32

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/randfunc.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: etc.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: etc.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:07  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:etc etcexp: Getfile Loc Oldconfig
?MAKE: -pick add $@ %<
?S:etc:
?S: This variable holds the name of the directory in which the user wants
?S: to put "administrative" executable images for the package in question.
?S: It is most often a local directory such as /usr/local/etc. Programs
?S: relying on this variable must be prepared to deal with
 ~name
?S: substitutions.
?S:.
?S:etcexp:
?S: This is the same as the etc variable, but is filename expanded at
?S: configuration time, for convenient use in makefiles.
?S:.
: determine where administrative executables go
case "$etc" in
")
 dflt=`./loc . /local/etc /usr/local/etc /local/etc /usr/etc /etc`
 ;;
*)
 dflt="$etc"
 ;;
esac
fn=d~
rp='Where should the administrative executables go?'
. ./getfile
etc="$ans"
etcexp="$ansexp"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/etc.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_preadv.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_preadv.U,v $
?RCS:
?MAKE:d_preadv: Inlibc
?MAKE: -pick add $@ %<
?S:d_preadv:
?S: This variable conditionally defines the HAS_PREADV symbol, which
?S: indicates to the C program that the preadv() routine is available.
?S:.
?C:HAS_PREADV :
?C: This symbol, if defined, indicates that the preadv routine is
?C: available to perform vectored reads on a file descriptor at a
?C: given offset.
?C:.
?H:#$d_preadv HAS_PREADV  /**/
?H:.
?LINT:set d_preadv
:
 see if preadv exists
set preadv d_preadv
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_preadv.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_fpclassl: Inlibc
?MAKE: -pick add $@ %<
?S:d_fpclassl:
```

```
?S: This variable conditionally defines the HAS_FPCLASSL symbol, which
?S: indicates to the C program that the fpclassl() routine is available.
?S:.
?C:HAS_FPCLASSL:
?C: This symbol, if defined, indicates that the fpclassl routine is
?C: available to classify long doubles.  Available for example in IRIX.
?C: The returned values are defined in <ieeefp.h> and are:
?C:
?C: FP_SNAN  signaling NaN
?C: FP_QNAN  quiet NaN
?C: FP_NINF  negative infinity
?C: FP_PINF  positive infinity
?C: FP_NDENORM negative denormalized non-zero
?C: FP_PDENORM positive denormalized non-zero
?C: FP_NZERO negative zero
?C: FP_PZERO positive zero
?C: FP_NNORM negative
 normalized non-zero
?C: FP_PNORM positive normalized non-zero
?C:.
?H:#$d_fpclassl HAS_FPCLASSL  /**/
?H:.
?LINT:set d_fpclassl
: see if fpclassl exists
set fpclassl d_fpclassl
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fpclassl.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_umask.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_umask.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:14:50  ram
?RCS: patch32: created by ADO
?RCS:
```

```
?MAKE:d_umask: Inlibc
?MAKE: -pick add $@ %<
?S:d_umask:
?S: This variable conditionally defines the HAS_UMASK symbol, which
?S: indicates to the C program that the umask() routine is available.
?S: to set and get the value of the file creation mask.
?S:.
?C:HAS_UMASK :
?C: This
 symbol, if defined, indicates that the umask routine is
?C: available to set and get the value of the file creation mask.
?C:.
?H:#$d_umask HAS_UMASK  /**/
?H:.
?LINT:set d_umask
: see if umask exists
set umask d_umask
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_umask.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_endpent.U,v 3.0 1993/08/18 12:06:09 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_endpent.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:09  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_endpent: Inlibc
?MAKE: -pick add $@ %<
?S:d_endpent:
?S: This variable conditionally defines HAS_ENDPROTOENT if endprotoent() is
?S: available to close whatever was being used for protocol queries.
?S:.
?C:HAS_ENDPROTOENT:
?C: This symbol, if defined, indicates that the endprotoent() routine is
?C: available to close whatever was being used
```

```
 for protocol queries.
?C:.
?H:#$d_endpent HAS_ENDPROTOENT  /**/
?H:.
?LINT:set d_endpent
: see if endprotoent exists
set endprotoent d_endpent
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_endpent.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: vendorman1dir.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera $
?RCS:
?RCS: Copyright (c) 1999, Andy Dougherty
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: vendorman1dir.U,v $
?RCS: Revision 1.1  1999/07/08 18:32:57  doughera
?RCS: Initial revision
?RCS:
?MAKE:vendorman1dir vendorman1direxp installvendorman1dir: man1dir Getfile \
 Oldconfig Setprefixvar Prefixit test vendorprefix prefix sed
?MAKE: -pick add $@ %<
?Y:TOP
?S:vendorman1dir:
?S: This variable contains the name of the directory for man1
?S: pages.  It may have a ~ on the front.
?S: The standard distribution will put nothing in this directory.
?S: Vendors
 who distribute perl may wish to place their own
?S: man1 pages in this directory with
?S:  MakeMaker Makefile.PL INSTALLDIRS=vendor
?S: or equivalent.  See INSTALL for details.
?S:.
?S:vendorman1direxp:
?S: This variable is the ~name expanded version of vendorman1dir, so that you
?S: may use it directly in Makefiles or shell scripts.
?S:.
?D:installvendorman1dir=''
?S:installvendorman1dir:
```

```
?S: This variable is really the same as vendorman1direxp but may differ on
?S: those systems using AFS. For extra portability, only this variable
?S: should be used in makefiles.
?S:.
?LINT:change prefixvar
?LINT:set installvendorman1dir
: Set the vendorman1dir variables
case "$vendorprefix" in
") vendorman1dir="
 vendorman1direxp="
 ;;
*) : determine where vendor-supplied manual pages go.
 case "$vendorman1dir" in
 ") dflt=`echo "$man1dir" | $sed "s#^$prefix#$vendorprefix#"` ;;
 *) dflt=$vendorman1dir ;;
 esac
 case "$dflt" in
 "|' ') dflt=none ;;
 esac
 fn=nd~+
 rp='Pathname for
 the vendor-supplied manual section 1 pages?'
 . ./getfile
 vendorman1dir="$ans"
 vendorman1direxp="$ansexp"
 ;;
esac
: Use ' ' for none so value is preserved next time through Configure
$test X"$vendorman1dir" = "X" && vendorman1dir=' '
prefixvar=vendorman1dir
. ./installprefix
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/vendorman1dir.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_isnanl: Inlibc
?MAKE: -pick add $@ %<
?S:d_isnanl:
?S: This variable conditionally defines the HAS_ISNANL symbol, which
```

```
?S: indicates to the C program that the isnanl() routine is available.
?S:.
?C:HAS_ISNANL:
?C: This symbol, if defined, indicates that the isnanl routine is
?C: available to check whether a long double is a NaN.
?C:.
?H:#$d_isnanl HAS_ISNANL  /**/
?H:.
?LINT:set d_isnanl
: see if isnanl exists
set isnanl d_isnanl
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_isnanl.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_malloc.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:21  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_malloc: Inhdr
?MAKE: -pick add $@ %<
?S:i_malloc:
?S: This variable conditionally defines the I_MALLOC symbol, and indicates
?S: whether a C program should include <malloc.h>.
?S:.
?C:I_MALLOC:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <malloc.h>.
?C:.
?H:#$i_malloc I_MALLOC  /**/
?H:.
?LINT:set i_malloc
: see if this is a malloc.h system
set
```

```
 malloc.h i_malloc
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_malloc.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Typedef.U,v 3.0.1.3 1995/07/25 13:42:07 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: Typedef.U,v $
?RCS: Revision 3.0.1.3  1995/07/25  13:42:07  ram
?RCS: patch56: added backslash escapes within evals to prevent space problems
?RCS:
?RCS: Revision 3.0.1.2  1994/10/29  16:01:16  ram
?RCS: patch36: don't clobber visible 'val' variable, use 'varval' instead
?RCS:
?RCS: Revision 3.0.1.1  1994/08/29  16:05:14  ram
?RCS: patch32: created
?RCS:
?X:
?X: This unit checks for the definition of a given typedef.
?X:
?X: To use it, say:
?X: set typedef
 val_t default [includes]
?X: eval $typedef
?X:
?MAKE:Typedef: cppstdin cppminus cppflags rm sed contains Oldconfig Myread
?MAKE: -pick add $@ %<
?LINT:define typedef
?LINT:define typedef_ask
?V:typedef typedef_ask
?S:typedef:
?S: This shell variable is used internally by Configure to check
?S: whether a given typedef is defined or not. A typical use is:
?S:  set typedef val_t default [includes]
?S:  eval $typedef
?S: That will return val_t set to default if the typedef was not found,
?S: to typedef otherwise. If no includes are specified, look in sys/types.h.
```

```
?S:.
?S:typedef_ask:
?S: This shell variable is used internally by Configure to check
?S: whether a given typedef is defined or not.  If it is not defined,
?S: this will call the ./myread script to prompt for an answer.
?S: It is intended to be used to avoid unnecessary prompts.
?S: A typical use is
?S:  rp="What is the type for file position used by fsetpos()?"
?S:  set fpos_t fpostype long stdio.h sys/types.h
?S:  eval $typedef_ask
?S: This
 will set fpostype=fpos_t, if fpos_t is available.  Otherwise
?S: it will call myread with a default of 'long', and a prompt of $rp.
?S:.
?T:type var def inclist varval inc
?F:!temp.c
: define an is-a-typedef? function
typedef='type=$1; var=$2; def=$3; shift; shift; shift; inclist=$@;
case "$inclist" in
"") inclist="sys/types.h";;
esac;
eval "varval=\$$var";
case "$varval" in
"")
 $rm -f temp.c;
 for inc in $inclist; do
  echo "#include <$inc>" >>temp.c;
 done;
?X: Maybe it's a #define instead of a typedef.
 echo "#ifdef $type" >> temp.c;
 echo "printf(\"We have $type\");" >> temp.c;
 echo "#endif" >> temp.c;
 $cppstdin $cppflags $cppminus < temp.c >temp.E 2>/dev/null;
 if $contains $type temp.E >/dev/null 2>&1; then
  eval "$var=\$type";
 else
  eval "$var=\$def";
 fi;
 $rm -f temp.?;;
*) eval "$var=\$varval";;
esac'

?X: Originally, I eval'd $typedef and then checked the results against
?X: $type.  Unfortunately, it then became complicated to check
?X: whether you are re-using
 an old config.sh value, and the logic got
?X: so convoluted it became easier to just copy the function above
?X: and alter it slightly.  A.D.  3/1998
```

```
: define an is-a-typedef? function that prompts if the type is not available.
typedef_ask='type=$1; var=$2; def=$3; shift; shift; shift; inclist=$@;
case "$inclist" in
"") inclist="sys/types.h";;
esac;
eval "varval=\$$var";
case "$varval" in
"")
 $rm -f temp.c;
 for inc in $inclist; do
  echo "#include <$inc>" >>temp.c;
 done;
?X: Maybe it's a #define instead of a typedef.
 echo "#ifdef $type" >> temp.c;
 echo "printf(\"We have $type\");" >> temp.c;
 echo "#endif" >> temp.c;
 $cppstdin $cppflags $cppminus < temp.c >temp.E 2>/dev/null;
 echo " " ;
 echo "$rp" | $sed -e "s/What is/Looking for/" -e "s/?/./";
 if $contains $type temp.E >/dev/null 2>&1; then
  echo "$type found." >&4;
  eval "$var=\$type";
 else
  echo "$type NOT found." >&4;
  dflt="$def";
  . ./myread ;
  eval "$var=\$ans";
 fi;
 $rm -f temp.?;;
*) eval "$var=\$varval";;
esac'

Found
 in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/typedefs/Typedef.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: Nothing.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
```

```
?RCS: $Log: Nothing.U,v $
?RCS: Revision 3.0  1993/08/18  12:05:09  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: The purpose of this file is to supply an empty target for the private
?X: Makefile built by metaconfig to order the units.
?X:
?MAKE:Nothing: Head
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Nothing.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_hasmntopt: Inlibc
?MAKE: -pick add $@ %<
?S:d_hasmntopt:
?S: This variable conditionally defines the HAS_HASMNTOPT symbol, which
?S: indicates to the C program that the hasmntopt() routine is available
?S: to query the mount options of file systems.
?S:.
?C:HAS_HASMNTOPT:
?C: This symbol, if defined, indicates that the hasmntopt routine is
?C: available to query the mount options of file systems.
?C:.
?H:#$d_hasmntopt HAS_HASMNTOPT  /**/
?H:.
?LINT:set d_hasmntopt
: see if hasmntopt exists
set hasmntopt d_hasmntopt
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_hasmntopt.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_msync.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_msync.U,v $
?RCS: Revision 3.0.1.1  1993/12/15  08:19:17  ram
?RCS: patch15: created
?RCS:
?MAKE:d_msync: Inlibc
?MAKE: -pick add $@ %<
?S:d_msync:
?S: This variable conditionally defines HAS_MSYNC if msync() is
?S: available to synchronize a mapped file.
?S:.
?C:HAS_MSYNC:
?C: This symbol, if defined, indicates that the msync system call is
?C: available to synchronize a mapped file.
?C:.
?H:#$d_msync HAS_MSYNC  /**/
?H:.
?LINT:set d_msync
: see if
 msync exists
set msync d_msync
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_msync.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
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?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Typedef.U,v $
?RCS: Revision 3.0.1.3  1995/07/25  13:42:07  ram
?RCS: patch56: added backslash escapes within evals to prevent space problems
?RCS:
```

```
?RCS: Revision 3.0.1.2  1994/10/29  16:01:16  ram
?RCS: patch36: don't clobber visible 'val' variable, use 'varval' instead
?RCS:
?RCS: Revision 3.0.1.1  1994/08/29  16:05:14  ram
?RCS: patch32: created
?RCS:
?X:
?X: This unit checks for the definition of a given typedef.
?X:
?X: To use it, say:
?X: set typedef val_t default [includes]
?X: eval $typedef
?X:
?MAKE:Typedef:
 cppstdin cppminus cppflags rm contains Oldconfig
?MAKE: -pick add $@ %<
?F:!temp.c
?LINT:define typedef
?V:typedef
?S:typedef:
?S: This shell variable is used internally by Configure to check
?S: wether a given typedef is defined or not. A typical use is:
?S:  set typedef val_t default [includes]
?S:  eval $typedef
?S: That will return val_t set to default if the typedef was not found,
?S: to typedef otherwise. If no includes are specified, look in sys/types.h.
?S:.
?T:type var def inclist varval inc
: define an is-a-typedef? function
typedef='type=$1; var=$2; def=$3; shift; shift; shift; inclist=$@;
case "$inclist" in
"") inclist="sys/types.h";;
esac;
eval "varval=\$$var";
case "$varval" in
"")
 $rm -f temp.c;
 for inc in $inclist; do
  echo "#include <$inc>" >>temp.c;
 done;
 $cppstdin $cppflags $cppminus < temp.c >temp.E 2>/dev/null;
 if $contains $type temp.E >/dev/null 2>&1; then
  eval "$var=\$type";
 else
  eval "$var=\$def";
 fi;
 $rm -f temp.?;;
*) eval
```

```
 "$var=\$varval";;
esac'
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Typedef.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: cf_who.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  15:28:50  ram
?RCS: patch61: new computation method avoiding use of temporary file
?RCS:
?RCS: Revision 3.0.1.1  1994/05/06  14:42:34  ram
?RCS: patch23: login name now computed the hard way
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:32  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: Oldconfig dependency is there to ensure computation occurs after old values
?X: from config.sh have been loaded, so that we can supersede them.
?X:
?MAKE:cf_time
 cf_by: date Oldconfig
?MAKE: -pick add $@ %<
?S:cf_time:
?S: Holds the output of the "date" command when the configuration file was
?S: produced. This is used to tag both config.sh and config_h.SH.
?S:.
?S:cf_by:
?S: Login name of the person who ran the Configure script and answered the
?S: questions. This is used to tag both config.sh and config_h.SH.
?S:.
?LINT:change LC_ALL LANGUAGE
: who configured the system
?X: Ensure English date -- Jarkko Hietaniemi
cf_time=`LC_ALL=C; LANGUAGE=C; export LC_ALL; export LANGUAGE; $date 2>&1`
?X:
```

```
?X: Leave a white space between first two '(' for ksh. The sub-shell is needed
?X: on some machines to avoid the error message when logname is not found; e.g.
?X: on SUN-OS 3.2, (logname || whoami) would not execute whoami if logname was
?X: not found. Sigh!
?X:
?X: Convex had a broken logname executable which returned a non-zero status,
?X: and that broke the previous:
?X:   cf_by=`( (logname) 2>/dev/null || whoami) 2>&1`
?X: Switch to emergency
 mode... -- RAM, 19/04/94
?X:
?X: Parentheses needed to avoid error message if the program does not exist.
?X: Uses case instead of $test so it can be put before $test is defined.
?X: Don't redirect to a file because on Ultrix (under script?) logname
?X: outputs a blank line first.  This method will apparently work.
case "$cf_by" in
"")
 cf_by=`(logname) 2>/dev/null`
 case "$cf_by" in
 "")
  cf_by=`(whoami) 2>/dev/null`
  case "$cf_by" in
  "") cf_by=unknown ;;
  esac ;;
 esac ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/cf_who.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_acosh: Inlibc
?MAKE: -pick add $@ %<
?S:d_acosh:
?S: This variable conditionally defines the HAS_ACOSH symbol, which
?S: indicates to the C program that the acosh() routine is available.
?S:.
?C:HAS_ACOSH:
?C: This symbol, if defined, indicates that the acosh routine is
?C: available to do the inverse hyperbolic cosine function.
?C:.
?H:#$d_acosh HAS_ACOSH  /**/
?H:.
?LINT:set d_acosh
```

: see if acosh exists
set acosh d_acosh
eval $inlibc

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_acosh.U
No license file was found, but licenses were detected in source scan.

?RCS: Id
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: ccflags.U,v $
?RCS: Revision 3.0.1.9 1997/02/28 15:27:07 ram
?RCS: patch61: removed support for NO_PROTOTYPE detection on SCO
?RCS: patch61: new locincpth variable
?RCS: patch61: added info on the "additional ld flags" question
?RCS:
?RCS: Revision 3.0.1.8 1995/07/25 13:48:54 ram
?RCS: patch56: re-arranged compile line to include ldflags before objects
?RCS:
?RCS: Revision 3.0.1.7 1995/05/12 12:08:33 ram
?RCS: patch54: now checks for cc/ccflags/ldflags coherency
?RCS:
?RCS: Revision 3.0.1.6
  1994/10/29 16:07:02 ram
?RCS: patch36: gcc versioning no longer relies on the C compiler's name
?RCS: patch36: simplified check for gcc version checking (ADO)
?RCS:
?RCS: Revision 3.0.1.5 1994/08/29 16:06:35 ram
?RCS: patch32: propagate -posix flag from ccflags to ldflags
?RCS:
?RCS: Revision 3.0.1.4 1994/05/06 14:28:45 ram
?RCS: patch23: -fpcc-struct-return only needed in gcc 1.x (ADO)
?RCS: patch23: cppflags now computed on an option-by-option basis
?RCS: patch23: magically added cc flags now only done the first time
?RCS:
?RCS: Revision 3.0.1.3 1993/09/13 15:58:29 ram
?RCS: patch10: explicitly mention -DDEBUG just in case they need it (WAD)
?RCS: patch10: removed all the "tans" variable usage (WAD)
?RCS:

```
?RCS: Revision 3.0.1.2  1993/08/27  14:39:38  ram
?RCS: patch7: added support for OSF/1 machines
?RCS:
?RCS: Revision 3.0.1.1  1993/08/25  14:00:24  ram
?RCS: patch6: added defaults for cppflags, ccflags and ldflags
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:31  ram
?RCS:
 Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:ccflags ldflags lkflags cppflags optimize locincpth: test cat \
 Myread Guess Options Oldconfig gccversion mips_type +usrinc \
 package contains rm rm_try +cc cppstdin cppminus cpprun cpplast libpth \
 loclibpth hint
?MAKE: -pick add $@ %<
?S:ccflags:
?S: This variable contains any additional C compiler flags desired by
?S: the user.  It is up to the Makefile to use this.
?S:.
?S:cppflags:
?S: This variable holds the flags that will be passed to the C pre-
?S: processor. It is up to the Makefile to use it.
?S:.
?S:optimize:
?S: This variable contains any optimizer/debugger flag that should be used.
?S: It is up to the Makefile to use it.
?S:.
?S:ldflags:
?S: This variable contains any additional C loader flags desired by
?S: the user.  It is up to the Makefile to use this.
?S:.
?S:lkflags:
?S: This variable contains any additional C partial linker flags desired by
?S: the user.  It is up to the Makefile to use this.
?S:.
?S:locincpth:
?S: This
 variable contains a list of additional directories to be
?S: searched by the compiler.  The appropriate -I directives will
?S: be added to ccflags.  This is intended to simplify setting
?S: local directories from the Configure command line.
?S: It's not much, but it parallels the loclibpth stuff in libpth.U.
?S:.
?T:inctest thisincl xxx flag inclwanted ftry previous thislibdir
?F:!cpp.c
?D:cppflags=''
?D:ccflags=''
?D:ldflags=''
```

```
?D:optimize="
?INIT:: Possible local include directories to search.
?INIT:: Set locincpth to "" in a hint file to defeat local include searches.
?INIT:locincpth="/usr/local/include /opt/local/include /usr/gnu/include"
?INIT:locincpth="$locincpth /opt/gnu/include /usr/GNU/include /opt/GNU/include"
?INIT::
?INIT:: no include file wanted by default
?INIT:inclwanted="
?INIT:
: determine optimize, if desired, or use for debug flag also
case "$optimize" in
' '|$undef) dflt='none';;
")
 case "$gccversion" in
 ") dflt='-O';;
 *) dflt='-O2 -g';;
 esac
 ;;
*)
 dflt="$optimize";;
esac
case "$gccversion" in
") $cat <<EOH

Some C compilers have problems with their optimizers.  By default, $package
compiles with the -O flag to use the optimizer.  Alternately, you might want
to use the symbolic debugger, which uses the -g flag (on traditional Unix
systems).  Either flag can be specified here.  To use neither flag, specify
the word "none".

EOH
 ;;
*) $cat <<EOH

With the GNU C compiler, it is possible to supply both -O2 and -g flags, to
be able to reasonably optimize, whilst retaining the ability to use a
symbolic debugger.  Either flag can be specified here.  To use neither flag,
specify the word "none".

EOH
 ;;
esac
rp="What optimizer/debugger flag should be used?"
. ./myread
optimize="$ans"
case "$optimize" in
'none') optimize=" ";;
esac
```

```
dflt=''
: We will not override a previous value, but we might want to
: augment a hint file
case "$hint" in
default|recommended)
 case "$gccversion" in
 1*) dflt='-fpcc-struct-return' ;;
 esac
?X:
 check for POSIXized ISC
 case "$gccversion" in
 2*) if test -d /etc/conf/kconfig.d &&
   $contains _POSIX_VERSION $usrinc/sys/unistd.h >/dev/null 2>&1
  then
   dflt="$dflt -posix"
  fi
  ;;
 esac
?X: turn warnings on if they're using gcc
 case "$gccversion" in
 1*|2*) dflt="$dflt -Wall";;
?X: starting with version 3, add "-W -Wall -Wformat=2 -Wshadow" by default
 *) dflt="$dflt -W -Wall -Wformat=2 -Wshadow";;
 esac
 ;;
esac

?X: In USG mode, a MIPS system may need some BSD includes
case "$mips_type" in
*BSD*|'') inclwanted="$locincpth $usrinc";;
*) inclwanted="$locincpth $inclwanted $usrinc/bsd";;
esac
for thisincl in $inclwanted; do
 if $test -d $thisincl; then
  if $test x$thisincl != x$usrinc; then
   case "$dflt" in
   *$thisincl*);;
   *) dflt="$dflt -I$thisincl";;
   esac
  fi
 fi
done

?X: Include test function (header, symbol)
inctest='if $contains $2 $usrinc/$1 >/dev/null 2>&1; then
 xxx=true;
elif $contains $2 $usrinc/sys/$1 >/dev/null 2>&1; then
```

```
 xxx=true;
else
 xxx=false;
fi;
if
 $xxx; then
 case "$dflt" in
 *$2*);;
 *) dflt="$dflt -D$2";;
 esac;
fi'

?X:
?X: OSF/1 uses __LANGUAGE_C__ instead of LANGUAGE_C
?X:
if ./osf1; then
 set signal.h __LANGUAGE_C__; eval $inctest
else
 set signal.h LANGUAGE_C; eval $inctest
fi

case "$hint" in
default|recommended) dflt="$ccflags $dflt" ;;
*) dflt="$ccflags";;
esac

case "$dflt" in
"|' ') dflt=none;;
esac
$cat <<EOH

Your C compiler may want other flags.  For this question you should include
-I/whatever and -DWHATEVER flags and any other flags used by the C compiler,
but you should NOT include libraries or ld flags like -lwhatever.

To use no flags, specify the word "none".

EOH
?X: strip leading space
set X $dflt
shift
dflt=${1+"$@"}
rp="Any additional cc flags?"
. ./myread
case "$ans" in
none) ccflags="";;
*) ccflags="$ans";;
esac
```

```
: the following weeds options from ccflags that are of no interest to cpp
cppflags="$ccflags"
case "$gccversion" in
1*) cppflags="$cppflags -D__GNUC__"
esac
case "$mips_type" in
");;
*BSD*)
 cppflags="$cppflags -DSYSTYPE_BSD43";;
esac
case "$cppflags" in
");;
*)
 echo " "
 echo "Let me guess what the preprocessor flags are..." >&4
 set X $cppflags
 shift
 cppflags="
 $cat >cpp.c <<'EOM'
#define BLURFL foo

BLURFL xx LFRULB
EOM
?X:
?X: For each cc flag, try it out with both cppstdin and cpprun, since the
?X: first is almost surely a cc wrapper. We have to try both in case
?X: of cc flags like '-Olimit 2900' that are actually two words...
?X:
 previous="
 for flag in $*
 do
  case "$flag" in
  -*) ftry="$flag";;
  *) ftry="$previous $flag";;
  esac
  if $cppstdin -DLFRULB=bar $ftry $cppminus <cpp.c \
   >cpp1.out 2>/dev/null && \
   $cpprun -DLFRULB=bar $ftry $cpplast <cpp.c \
   >cpp2.out 2>/dev/null && \
   $contains 'foo.*xx.*bar' cpp1.out >/dev/null 2>&1 && \
   $contains 'foo.*xx.*bar' cpp2.out >/dev/null 2>&1
  then
   cppflags="$cppflags $ftry"
   previous="
  else
   previous="$flag"
  fi
```

```
 done
 set X $cppflags
 shift
 cppflags=${1+"$@"}
 case "$cppflags"
 in
 *-*)  echo "They appear to be: $cppflags";;
 esac
 $rm -f cpp.c cpp?.out
 ;;
esac

: flags used in final linking phase
case "$ldflags" in
") if ./venix; then
  dflt='-i -z'
 else
  dflt="
 fi
 case "$ccflags" in
 *-posix*) dflt="$dflt -posix" ;;
 esac
 ;;
*) dflt="$ldflags";;
esac

: Try to guess additional flags to pick up local libraries.
for thislibdir in $libpth; do
 case " $loclibpth " in
 *" $thislibdir "*)
  case "$dflt " in
  *"-L$thislibdir "*) ;;
  *)  dflt="$dflt -L$thislibdir" ;;
  esac
  ;;
 esac
done

case "$dflt" in
") dflt='none' ;;
*) set X $dflt; shift; dflt="$@";;
esac

$cat <<EOH

Your C linker may need flags.  For this question you should
include -L/whatever and any other flags used by the C linker, but you
should NOT include libraries like -lwhatever.
```

```
Make sure you include the appropriate -L/path flags if your C linker
does not normally search all of the directories you specified above,
namely
 $libpth
To use no flags, specify the word "none".

EOH

rp="Any
 additional ld flags (NOT including libraries)?"
. ./myread
case "$ans" in
none) ldflags="";;
*) ldflags="$ans";;
esac
rmlist="$rmlist pdp11"

@if lkflags
: partial linking may need other flags
case "$lkflags" in
") case "$ldflags" in
 ") dflt='none';;
 *) dflt="$ldflags";;
 esac;;
*) dflt="$lkflags";;
esac
echo " "
rp="Partial linking flags to be used (NOT including -r)?"
. ./myread
case "$ans" in
none) lkflags="";;
*) lkflags="$ans";;
esac

@end
?X:
?X: If the user changes compilers after selecting a hint file, it's
?X: possible that the suggested ccflags/ldflags will be wrong.  Try to
?X: compile and run a simple test program.  Let the user see all the
?X: error messages. -- ADO and RAM
?X:
: coherency check
echo " "
echo "Checking your choice of C compiler and flags for coherency..." >&4
?X: Strip extra blanks in case some of the following variables are empty
set X $cc $optimize $ccflags $ldflags -o try try.c
shift
```

```
$cat >try.msg <<EOM
I've tried to compile and run a simple program
 with:

 $*
 ./try

and I got the following output:

EOM
$cat > try.c <<'EOF'
#include <stdio.h>
int main() { exit(0); }
EOF
dflt=y
?X: Use "sh -c" to avoid error messages tagged with leading "Configure:".
?X: We need to try the resulting executable, because cc might yield a 0 status
?X: even when ld failed, in which case the executable will not run properly,
?X: if its x bit is set at all...
if sh -c "$cc $optimize $ccflags $ldflags -o try try.c" >>try.msg 2>&1; then
 if sh -c './try' >>try.msg 2>&1; then
  dflt=n
 else
  echo "The program compiled OK, but exited with status $?." >>try.msg
  rp="You have a problem.  Shall I abort Configure"
  dflt=y
 fi
else
 echo "I can't compile the test program." >>try.msg
 rp="You have a BIG problem.  Shall I abort Configure"
 dflt=y
fi
case "$dflt" in
y)
 $cat try.msg >&4
?X: using -K will prevent default aborting--maybe they're cross compiling?
 case "$knowitall" in
 ")
  echo "(The supplied flags might be incorrect with this C compiler.)"
  ;;
 *)
 dflt=n;;
 esac
 echo " "
 . ./myread
 case "$ans" in
 n*|N*) ;;
 *) echo "Ok.  Stopping Configure." >&4
```

```
  exit 1
  ;;
 esac
 ;;
n) echo "OK, that should do.";;
esac
$rm_try
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/ccflags.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_byacc.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1996, Andy Dougherty
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_byacc.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  15:31:14  ram
?RCS: patch61: created
?RCS:
?MAKE:d_byacc: byacc Setvar
?MAKE: -pick add $@ %<
?S:d_byacc:
?S: This variable indicates whether byacc is available.
?S: If the user has specified 'portability', then Makefile.SH
?S: sees $byacc='byacc' whether or not the user actually has
?S: byacc.  This variable allows us to determine in a makefile
?S: if we really
 have byacc.
?S:.
?LINT:set d_byacc
: Check if we really have byacc
case "$byacc" in
"|'byacc') val="$undef" ;;
*) val="$define" ;;
esac
set d_byacc
eval $setvar
```

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_byacc.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_stddef.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_stddef.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:27  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_stddef: Inhdr
?MAKE: -pick add $@ %<
?S:i_stddef:
?S: This variable conditionally defines the I_STDDEF symbol, which
?S: indicates to the C program that <stddef.h> exists and should
?S: be included.
?S:.
?C:I_STDDEF:
?C: This symbol, if defined, indicates that <stddef.h> exists and should
?C: be included.
?C:.
?H:#$i_stddef I_STDDEF /**/
?H:.
?LINT:set
 i_stddef
: see if stddef is available
set stddef.h i_stddef
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_stddef.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setlocale.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_setlocale.U,v $
?RCS: Revision 3.0.1.1  1994/06/20  06:57:51  ram
?RCS: patch30: created
?RCS:
?MAKE:d_setlocale: Inlibc
?MAKE: -pick add $@ %<
?S:d_setlocale:
?S: This variable conditionally defines HAS_SETLOCALE if setlocale() is
?S: available to handle locale-specific ctype implementations.
?S:.
?C:HAS_SETLOCALE:
?C: This symbol, if defined, indicates that the setlocale
 routine is
?C: available to handle locale-specific ctype implementations.
?C:.
?H:#$d_setlocale HAS_SETLOCALE /**/
?H:.
?LINT:set d_setlocale
: see if setlocale exists
set setlocale d_setlocale
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setlocale.U
No license file was found, but licenses were detected in source scan.

```
case $CONFIG in
")
 if test -f config.sh; then TOP=.;
 elif test -f ../config.sh; then TOP=..;
 elif test -f ../../config.sh; then TOP=../..;
 elif test -f ../../../config.sh; then TOP=../../..;
 elif test -f ../../../../config.sh; then TOP=../../../..;
 else
  echo "Can't find config.sh."; exit 1
 fi
 . $TOP/config.sh
 ;;
esac
case "$0" in
*/*) cd `expr X$0 : 'X\(.*\)/'` ;;
```

```
esac
echo "Extracting makedir (with variable substitutions)"
$spitshell >makedir <<!GROK!THIS!
$startsh
# $Id: makedir.sh,v 3.0.1.1 1994/01/24 14:00:08 ram Exp ram $
#
#  Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
#
#  You may redistribute only under the terms of the Artistic Licence,
#  as specified in the README file that comes with the distribution.
#  You may reuse parts of this distribution only within the terms of
#  that same Artistic Licence; a copy of which may be found at the root
#  of the source tree for dist 4.0.
#
# Original
 Author: Larry Wall <lwall@netlabs.com>
#
# $Log: makedir.sh,v $
# Revision 3.0.1.1  1994/01/24  14:00:08  ram
# patch16: changed top ln-style config.sh lookup into test-style one
#
# Revision 3.0  1993/08/18  12:04:38  ram
# Baseline for dist 3.0 netwide release.
#

export PATH || (echo "OOPS, this isn't sh.  Desperation time.  I will feed myself to sh."; sh \$0; kill \$\$)

case \$# in
 0)
   $echo "makedir pathname filenameflag"
   exit 1
   ;;
esac

: guarantee one slash before 1st component
case \$1 in
 /*) ;;
 *)  set ./\$1 \$2 ;;
esac

: strip last component if it is to be a filename
case X\$2 in
 X1) set \`$echo \$1 | $sed 's:\(.*\)/[^/]*\$:\1:'\` ;;
 *)  set \$1 ;;
esac

: return reasonable status if nothing to be created
if $test -d "\$1" ; then
```

```
   exit 0
fi

list=''
while true ; do
   case \$1 in
   */*)
 list="\$1 \$list"
 set \`echo \$1 | $sed 's:\(.*\)/:\1 :'\`
 ;;
   *)
 break
 ;;
   esac
done

set \$list

for dir do
   $mkdir \$dir >/dev/null 2>&1
done
!GROK!THIS!
$eunicefix
 makedir
chmod +x makedir
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/makedir.SH
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: patchlevel.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  16:18:41  ram
?RCS: patch61: added support for src.U
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:31  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
```

```
?MAKE:patchlevel: package baserev test rsrc
?MAKE: -pick add $@ %<
?T:Revision
?S:patchlevel:
?S: The patchlevel level of this package.
?S: The value of patchlevel comes from the patchlevel.h file.
?S:.
: get the patchlevel
echo " "
echo "Getting the current patchlevel..." >&4
if $test -r
 $rsrc/patchlevel.h;then
 patchlevel=`awk \
  '/^#[  ]*define[  ][  ]*PATCHLEVEL/ {print $3}' \
  < $rsrc/patchlevel.h`
else
 patchlevel=0
fi
echo "(You have $package $baserev PL$patchlevel.)"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/patchlevel.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: usethreads.U,v $
?RCS:
?RCS: Copyright (c) 1998-2000 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: usethreads.U,v $
?RCS:
?MAKE:usethreads useithreads use5005threads d_oldpthreads usereentrant: \
 Myread Oldconfig Setvar test cat patchlevel
?MAKE: -pick add $@ %<
?Y:TOP
?S:usethreads:
?S: This variable conditionally defines the USE_THREADS symbol,
?S: and indicates that Perl should be built to use threads.
?S:.
?S:useithreads:
?S: This variable conditionally defines the USE_ITHREADS symbol,
?S: and indicates that Perl should be built to use the interpreter-based
?S: threading implementation.
?S:.
?S:use5005threads:
```

```
?S: This variable conditionally defines the USE_5005THREADS symbol,
?S: and indicates that Perl should be built to use the 5.005-based
?S: threading implementation.
 Only valid up to 5.8.x.
?S:.
?X: I'm putting old_pthreads in this unit because it might eventually
?X: be part of an automatic determination to see if we can use threads
?X: at all.
?S:d_oldpthreads:
?S: This variable conditionally defines the OLD_PTHREADS_API symbol,
?S: and indicates that Perl should be built to use the old
?S: draft POSIX threads API.  This is only potentially meaningful if
?S: usethreads is set.
?S:.
?S:usereentrant:
?S: This variable conditionally defines the USE_REENTRANT_API symbol,
?S: which indicates that the thread code may try to use the various
?S: _r versions of library functions.  This is only potentially
?S: meaningful if usethreads is set and is very experimental, it is
?S: not even prompted for.
?S:.
?C:USE_ITHREADS:
?C: This symbol, if defined, indicates that Perl should be built to
?C: use the interpreter-based threading implementation.
?C:.
?C:USE_5005THREADS:
?C: This symbol, if defined, indicates that Perl should be built to
?C: use the 5.005-based
 threading implementation.
?C: Only valid up to 5.8.x.
?C:.
?C:USE_THREADS:
?C: This symbol, if defined, indicates that Perl should
?C: be built to use threads.  At present, it is a synonym for
?C: USE_5005THREADS for perl older than 5.8 and USE_ITHREADS
?C: for 5.8.x and newer, but eventually the source ought to be
?C: changed to use this to mean _any_ threading implementation.
?C:.
?C:OLD_PTHREADS_API:
?C: This symbol, if defined, indicates that Perl should
?C: be built to use the old draft POSIX threads API.
?C:.
?C:USE_REENTRANT_API:
?C: This symbol, if defined, indicates that Perl should
?C: try to use the various _r versions of library functions.
?C: This is extremely experimental.
?C:.
?H:#$use5005threads USE_5005THREADS  /**/
```

```
?H:#$useithreads USE_ITHREADS  /**/
?H:?%<:#if defined(USE_5005THREADS) && !defined(USE_ITHREADS)
?H:?%<:#define  USE_THREADS  /* until src is revised*/
?H:?%<:#endif
?H:#$d_oldpthreads OLD_PTHREADS_API  /**/
?H:#$usereentrant USE_REENTRANT_API /**/
?H:.
?X:
      [hmb] Removed LINT for use5005threads, useithreads, and
?X:           usereentrant, as LINT is only run on blead
?LINT:set usethreads d_oldpthreads
?INIT:: set usethreads on the Configure command line to enable threads.
?INIT:usereentrant='undef'
?F:!usethreads.cbu
: Do we want threads support and if so, what type
?X: We should really have some explanatory text here, and some
?X: automatic setting of sensible defaults.
case "$usethreads" in
$define|true|[yY]*)     dflt='y';;
*)     # Catch case where user specified ithreads or 5005threads but
     # forgot -Dusethreads (A.D. 4/2002)
     case "$useithreads$use5005threads" in
     *$define*) dflt='y';;
     *)  dflt='n';;
     esac
     ;;
esac
cat <<EOM

Perl can be built to offer a form of threading support on some systems
To do so, Configure can be run with -Dusethreads.

Note that Perl built with threading support runs slightly slower
and uses slightly more memory than plain Perl.

If this doesn't make
 any sense to you, just accept the default '$dflt'.
EOM
rp='Build a threading Perl?'
. ./myread
case "$ans" in
y|Y)    val="$define" ;;
*)      val="$undef" ;;
esac
set usethreads
eval $setvar

if $test $patchlevel -lt 9; then
```

```
  case "$usethreads" in
  $define)
: Default to ithreads unless overridden on command line or with
: old config.sh
dflt='y'
case "$use5005threads" in
 $define|true|[yY]*)
  echo "5.005 threads are no longer supported"
  exit 1
 ;;
esac
case "$useithreads" in
 $undef|false|[nN]*) dflt='n';;
esac
rp='Use the newer interpreter-based ithreads?'
. ./myread
case "$ans" in
y|Y)    val="$define" ;;
*)      val="$undef" ;;
esac
set useithreads
eval $setvar
: Now set use5005threads to the opposite value.
case "$useithreads" in
$define) val="$undef" ;;
*) val="$define" ;;
esac
set use5005threads
eval $setvar
;;
  *)
useithreads="$undef"
use5005threads="$undef"
;;
  esac

?X: This is not supposed to be possible but with some trickery,
 maybe.
  case "$useithreads$use5005threads" in
  "$define$define")
 $cat >&4 <<EOM

You cannot have both the ithreads and the 5.005 threads enabled
at the same time.  Disabling the 5.005 threads since they are
much less stable than the ithreads.

EOM
 use5005threads="$undef"
```

```
 ;;
   esac

else
: perl-5.9.x and later

   if test X"$usethreads" = "X$define"; then
 case "$use5005threads" in
     $define|true|[yY]*)
  $cat >&4 <<EOM

5.005 threads has been removed for 5.10.  Perl will be built using ithreads.

EOM
     ;;
 esac
   fi

   use5005threads="$undef"
   useithreads="$usethreads"
fi

?X: Check out what kind of threads API we have
case "$d_oldpthreads" in
") : Configure tests would be welcome here.  For now, assume undef.
 val="$undef" ;;
*) val="$d_oldpthreads" ;;
esac
set d_oldpthreads
eval $setvar

?X: In general, -lpthread needs to come before -lc but after other
?X: libraries such as -lgdbm and such like. We assume here that -lc
?X: is present in libswanted. If that
 fails to be true, then this
?X: can be changed to add pthread to the very end of libswanted.

: Look for a hint-file generated 'call-back-unit'.  If the
: user has specified that a threading perl is to be built,
: we may need to set or change some other defaults.
if $test -f usethreads.cbu; then
   echo "Your platform has some specific hints regarding threaded builds, using them..."
   . ./usethreads.cbu
else
   case "$usethreads" in
 "$define"|true|[yY]*)
  $cat <<EOM
(Your platform does not have any specific hints for threaded builds.
```

```
Assuming POSIX threads, then.)
EOM
 ;;
   esac
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/usethreads.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_log2: Inlibc
?MAKE: -pick add $@ %<
?S:d_log2:
?S: This variable conditionally defines the HAS_LOG2 symbol, which
?S: indicates to the C program that the log2() routine is available
?S: to compute log base two.
?S:.
?C:HAS_LOG2:
?C: This symbol, if defined, indicates that the log2 routine is
?C: available to do the log2 function.
?C:.
?H:#$d_log2 HAS_LOG2  /**/
?H:.
?LINT:set d_log2
: see if log2 exists
set log2 d_log2
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_log2.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getpwnam_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_getpwnam_r getpwnam_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_pwd extern_C
?MAKE: -pick add $@ %<
```

```
?S:d_getpwnam_r:
?S: This variable conditionally defines the HAS_GETPWNAM_R symbol,
?S: which indicates to the C program that the getpwnam_r()
?S: routine is available.
?S:.
?S:getpwnam_r_proto:
?S: This variable encodes the prototype of getpwnam_r.
?S: It is zero if d_getpwnam_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getpwnam_r
?S: is defined.
?S:.
?C:HAS_GETPWNAM_R:
?C: This symbol, if defined, indicates that the getpwnam_r routine
?C: is available to
 getpwnam re-entrantly.
?C:.
?C:GETPWNAM_R_PROTO:
?C: This symbol encodes the prototype of getpwnam_r.
?C: It is zero if d_getpwnam_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getpwnam_r
?C: is defined.
?C:.
?H:#$d_getpwnam_r HAS_GETPWNAM_R /**/
?H:#define GETPWNAM_R_PROTO $getpwnam_r_proto /**/
?H:.
?T:try hdrs d_getpwnam_r_proto
: see if getpwnam_r exists
set getpwnam_r d_getpwnam_r
eval $inlibc
case "$d_getpwnam_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_pwd pwd.h"
 case "$d_getpwnam_r_proto:$usethreads" in
 ":define") d_getpwnam_r_proto=define
  set d_getpwnam_r_proto getpwnam_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_getpwnam_r_proto" in
 define)
 case "$getpwnam_r_proto" in
 "|0) try='int getpwnam_r(const char*, struct passwd*, char*, size_t, struct passwd**);'
 ./protochk "$extern_C $try" $hdrs && getpwnam_r_proto=I_CSBWR ;;
 esac
 case "$getpwnam_r_proto" in
 "|0) try='int getpwnam_r(const char*, struct passwd*,
 char*, int, struct passwd**);'
 ./protochk "$extern_C $try" $hdrs && getpwnam_r_proto=I_CSBIR ;;
```

```
 esac
 case "$getpwnam_r_proto" in
 "|0) try='struct passwd* getpwnam_r(const char*, struct passwd*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getpwnam_r_proto=S_CSBI ;;
 esac
 case "$getpwnam_r_proto" in
 "|0) try='int getpwnam_r(const char*, struct passwd*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getpwnam_r_proto=I_CSBI ;;
 esac
 case "$getpwnam_r_proto" in
 "|0) d_getpwnam_r=undef
  getpwnam_r_proto=0
  echo "Disabling getpwnam_r, cannot determine prototype." >&4 ;;
 * ) case "$getpwnam_r_proto" in
  REENTRANT_PROTO*) ;;
  *) getpwnam_r_proto="REENTRANT_PROTO_$getpwnam_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "getpwnam_r has no prototype, not using it." >&4 ;;
  esac
  d_getpwnam_r=undef
  getpwnam_r_proto=0
  ;;
 esac
 ;;
*) getpwnam_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getpwnam_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: so.U,v $
```

```
?RCS: Revision 3.0.1.2  1994/10/29  16:30:04  ram
?RCS: patch36: now tells user how he can suppress shared lib lookup (ADO)
?RCS: patch36: removed echo at the top, since it's now in the here-doc (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/06/20  07:07:02  ram
?RCS: patch30: created
?RCS:
?X:
?X: This unit computes the shared-object / shared-lib extension
?X:
?MAKE:so: test libpth Loc Myread Oldconfig cat
?MAKE: -pick add $@ %<
?S:so:
?S: This variable holds the extension used to identify
 shared libraries
?S: (also known as shared objects) on the system. Usually set to 'so'.
?S:.
?T: xxx
: compute shared library extension
case "$so" in
")
 if xxx=`./loc libc.sl X $libpth`; $test -f "$xxx"; then
  dflt='sl'
 else
  dflt='so'
 fi
 ;;
*) dflt="$so";;
esac
$cat <<EOM

On some systems, shared libraries may be available.  Answer 'none' if
you want to suppress searching of shared libraries for the remainder
of this configuration.

EOM
rp='What is the file extension used for shared libraries?'
. ./myread
so="$ans"

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/so.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: d_vfork.U,v 3.0.1.6 1994/08/29 16:18:21 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
```

```
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_vfork.U,v $
?RCS: Revision 3.0.1.6  1994/08/29  16:18:21  ram
?RCS: patch32: set default to 'y' the first time
?RCS:
?RCS: Revision 3.0.1.5  1994/06/20  06:59:14  ram
?RCS: patch30: usevfork was not always properly set
?RCS:
?RCS: Revision 3.0.1.4  1994/05/13  15:20:56  ram
?RCS: patch27: modified to avoid spurious Whoa warnings (ADO)
?RCS:
?RCS: Revision 3.0.1.3  1994/05/06  14:59:09  ram
?RCS: patch23: now explicitly ask whether vfork() should be used
 (ADO)
?RCS:
?RCS: Revision 3.0.1.2  1993/10/16  13:49:39  ram
?RCS: patch12: added magic for vfork()
?RCS:
?RCS: Revision 3.0.1.1  1993/09/13  16:06:57  ram
?RCS: patch10: removed automatic remapping of vfork on fork (WAD)
?RCS: patch10: added compatibility code for older config.sh (WAD)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:07:55  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_vfork usevfork d_pseudofork: Inlibc Myread Oldconfig Setvar
?MAKE: -pick add $@ %<
?S:d_vfork:
?S: This variable conditionally defines the HAS_VFORK symbol, which
?S: indicates the vfork() routine is available.
?S:.
?S:usevfork:
?S: This variable is set to true when the user accepts to use vfork.
?S: It is set to false when no vfork is available or when the user
?S: explicitly requests not to use vfork.
?S:.
?S:d_pseudofork:
?S: This variable conditionally defines the HAS_PSEUDOFORK symbol,
?S: which indicates that an emulation of the fork routine is available.
?S:.
?C:HAS_VFORK (VFORK):
?C: This
```

```
 symbol, if defined, indicates that vfork() exists.
?C:.
?H:#$d_vfork HAS_VFORK /**/
?H:.
?C:HAS_PSEUDOFORK:
?C: This symbol, if defined, indicates that an emulation of the
?C: fork routine is available.
?C:.
?H:#$d_pseudofork HAS_PSEUDOFORK /**/
?H:.
?M:vfork: HAS_VFORK
?M:#ifndef HAS_VFORK
?M:#define vfork fork
?M:#endif
?M:.
?T:d_hvfork
: backward compatibility for d_hvfork
if test X$d_hvfork != X; then
 d_vfork="$d_hvfork"
 d_hvfork="
fi
?X:==========================
: see if there is a vfork
val="
set vfork val
eval $inlibc

d_pseudofork=$undef

: Ok, but do we want to use it. vfork is reportedly unreliable in
: perl on Solaris 2.x, and probably elsewhere.
case "$val" in
$define)
 echo " "
 case "$usevfork" in
 false) dflt='n';;
 *) dflt='y';;
 esac
 cat <<'EOM'

Perl can only use a vfork() that doesn't suffer from strict
restrictions on calling functions or modifying global data in
the child.  For example, glibc-2.1 contains such a vfork()
that is unsuitable.  If your system
 provides a proper fork()
call, chances are that you do NOT want perl to use vfork().

EOM
```

```
 rp="Do you still want to use vfork()?"
 . ./myread
 case "$ans" in
 y|Y) ;;
 *)
  echo "Ok, we won't use vfork()."
  val="$undef"
  ;;
 esac
 ;;
esac
?X:
?X: Only set it when final value is known to avoid spurious Whoa's
?X: Then set usevfork accordingly to the current value, for next run
?X:
set d_vfork
eval $setvar
case "$d_vfork" in
$define) usevfork='true';;
*) usevfork='false';;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_vfork.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_gmtime_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_gmtime_r gmtime_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_time i_systime extern_C
?MAKE: -pick add $@ %<
?S:d_gmtime_r:
?S: This variable conditionally defines the HAS_GMTIME_R symbol,
?S: which indicates to the C program that the gmtime_r()
?S: routine is available.
?S:.
?S:gmtime_r_proto:
?S: This variable encodes the prototype of gmtime_r.
?S: It is zero if d_gmtime_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_gmtime_r
?S: is defined.
```

```
?S:.
?C:HAS_GMTIME_R:
?C: This symbol, if defined, indicates that the gmtime_r routine
?C: is available to gmtime re-entrantly.
?C:.
?C:GMTIME_R_PROTO:
?C: This
 symbol encodes the prototype of gmtime_r.
?C: It is zero if d_gmtime_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_gmtime_r
?C: is defined.
?C:.
?H:#$d_gmtime_r HAS_GMTIME_R /**/
?H:#define GMTIME_R_PROTO $gmtime_r_proto /**/
?H:.
?T:try hdrs d_gmtime_r_proto
: see if gmtime_r exists
set gmtime_r d_gmtime_r
eval $inlibc
case "$d_gmtime_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_time time.h $i_systime sys/time.h"
 case "$d_gmtime_r_proto:$usethreads" in
 ":define") d_gmtime_r_proto=define
  set d_gmtime_r_proto gmtime_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_gmtime_r_proto" in
 define)
 case "$gmtime_r_proto" in
 "|0) try='struct tm* gmtime_r(const time_t*, struct tm*);'
 ./protochk "$extern_C $try" $hdrs && gmtime_r_proto=S_TS ;;
 esac
 case "$gmtime_r_proto" in
 "|0) try='int gmtime_r(const time_t*, struct tm*);'
 ./protochk "$extern_C $try" $hdrs && gmtime_r_proto=I_TS ;;
 esac
 case
 "$gmtime_r_proto" in
 "|0) d_gmtime_r=undef
  gmtime_r_proto=0
  echo "Disabling gmtime_r, cannot determine prototype." >&4 ;;
 * ) case "$gmtime_r_proto" in
  REENTRANT_PROTO*) ;;
  *) gmtime_r_proto="REENTRANT_PROTO_$gmtime_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
```

```
 esac
 ;;
 *) case "$usethreads" in
  define) echo "gmtime_r has no prototype, not using it." >&4 ;;
  esac
  d_gmtime_r=undef
  gmtime_r_proto=0
  ;;
 esac
 ;;
*) gmtime_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_gmtime_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Getfile.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Getfile.U,v $
?RCS: Revision 3.0.1.7  1997/02/28  15:01:06  ram
?RCS: patch61: getfile script now begins with "startsh"
?RCS:
?RCS: Revision 3.0.1.6  1995/02/15  14:11:00  ram
?RCS: patch51: was not working if ~'s allowed with d_portable on (WED)
?RCS:
?RCS: Revision 3.0.1.5  1995/01/11  15:11:25  ram
?RCS: patch45: added support for escaping answers to skip various checks
?RCS: patch45: modified message issued after file expansion
?RCS:
?RCS: Revision
 3.0.1.4  1994/10/29  15:53:19  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0.1.3  1994/05/06  14:23:36  ram
?RCS: patch23: getfile could be confused by file name in "locate" requests
?RCS: patch23: new 'p' directive to assume file is in people's path (WED)
?RCS:
```

```
?RCS: Revision 3.0.1.2  1994/01/24  14:01:31  ram
?RCS: patch16: added metalint hint on changed 'ans' variable
?RCS:
?RCS: Revision 3.0.1.1  1993/09/13  15:46:27  ram
?RCS: patch10: minor format problems and misspellings fixed
?RCS: patch10: now performs from package dir and not from UU subdir
?RCS:
?RCS: Revision 3.0  1993/08/18  12:04:56  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit produces a bit of shell code that must be dotted in in order
?X: to get a file name and make some sanity checks. Optionally, a ~name
?X: expansion is performed.
?X:
?X: To use this unit, $rp and $dflt must hold the question and the
?X: default answer, which will be passed as-is
 to the myread script.
?X: The $fn variable must hold the file type (f or d, for file/directory).
?X: If $gfpth is set to a list of space-separated list of directories,
?X: those are prefixes for the filename.  Unless $gfpthkeep is set to 'y',
?X: gfpth is cleared on return from Getfile.
?X:
?X: If is is followed by a ~, then ~name substitution will occur. Upon return,
?X: $ans is set with the filename value. If a / is specified, then only a full
?X: path name is accepted (but ~ substitution occurs before, if needed). The
?X: expanded path name is returned in that case.
?X:
?X: If a + is specified, the existence checks are skipped. This usually means
?X: the file/directory is under the full control of the program.
?X:
?X: If the 'n' (none) type is used, then the user may answer none.
?X: The 'e' (expand) switch may be used to bypass d_portable, expanding ~name.
?X:
?X: If the 'l' (locate) type is used, then it must end with a ':' and then a
?X: file name. If the answer is a directory,
 the file name will be appended
?X: before testing for file existence. This is useful in locate-style
?X: questions like "where is the active file?". In that case, one should
?X: use:
?X:
?X:   dflt='~news/lib'
?X:   fn='l~:active'
?X:   rp='Where is the active file?'
?X:   . ./getfile
?X:   active="$ans"
?X:
?X: If the 'p' (path) letter is specified along with 'l', then an answer
```

```
?X: without a leading / will be expected to be found in everyone's path.
?X:
?X: It is also possible to include a comma-separated list of items within
?X: parentheses to specify which items should be accepted as-is with no
?X: further checks. This is useful when for instance a full path is expected
?X: but the user may escape out via "magical" answers.
?X:
?X: If the answer to the question is 'none', then the existence checks are
?X: skipped and the empty string is returned.
?X:
?MAKE:Getfile: d_portable contains startsh Myread Filexp tr trnl
?MAKE: -pick add $@ %<
?V:ansexp:fn gfpth gfpthkeep
?F:./getfile
?T:tilde
 type what orig_rp orig_dflt fullpath already redo skip none_ok \
 value exp_file nopath_ok loc_file fp pf dir direxp
?LINT:change ans
?LINT:change gfpth
: now set up to get a file name
cat <<EOS >getfile
$startsh
EOS
cat <<'EOSC' >>getfile
tilde=''
fullpath=''
already=''
skip=''
none_ok=''
exp_file=''
nopath_ok=''
orig_rp="$rp"
orig_dflt="$dflt"
case "$gfpth" in
'') gfpth='.' ;;
esac

?X: Begin by stripping out any (...) grouping.
case "$fn" in
*\(*)
 : getfile will accept an answer from the comma-separated list
 : enclosed in parentheses even if it does not meet other criteria.
 expr "$fn" : '.*(\(.*\)).*' | $tr ',' $trnl >getfile.ok
 fn=`echo $fn | sed 's/(.*)//'`
 ;;
esac

?X: Catch up 'locate' requests early, so that we may strip the file name
```

```
?X: before looking at the one-letter commands, in case the file name contains
?X: one of them. Reported by Wayne Davison <davison@borland.com>.
case "$fn" in
*:*)
 loc_file=`expr $fn : '.*:\(.*\)'`
 fn=`expr $fn : '\(.*\):.*'`
 ;;
esac

case
 "$fn" in
*~*) tilde=true;;
esac
case "$fn" in
*/*) fullpath=true;;
esac
case "$fn" in
*+*) skip=true;;
esac
case "$fn" in
*n*) none_ok=true;;
esac
case "$fn" in
*e*) exp_file=true;;
esac
case "$fn" in
*p*) nopath_ok=true;;
esac

case "$fn" in
*f*) type='File';;
*d*) type='Directory';;
*l*) type='Locate';;
esac

what="$type"
case "$what" in
Locate) what='File';;
esac

case "$exp_file" in
")
 case "$d_portable" in
 "$define") ;;
 *) exp_file=true;;
 esac
 ;;
esac
```

```
cd ..
while test "$type"; do
 redo=''
 rp="$orig_rp"
 dflt="$orig_dflt"
 case "$tilde" in
 true) rp="$rp (~name ok)";;
 esac
 . UU/myread
?X: check for allowed escape sequence which may be accepted verbatim.
 if test -f UU/getfile.ok && \
  $contains "^$ans\$" UU/getfile.ok >/dev/null 2>&1
 then
  value="$ans"
  ansexp="$ans"
  break
 fi
 case "$ans" in
 none)
  value=''
  ansexp=''
  case "$none_ok" in
  true) type='';;
  esac
  ;;
 *)
  case "$tilde" in
  '') value="$ans"
   ansexp="$ans";;
  *)
   value=`UU/filexp $ans`
   case
 $? in
   0)
    if test "$ans" != "$value"; then
     echo "(That expands to $value on this system.)"
    fi
    ;;
   *) value="$ans";;
   esac
   ansexp="$value"
   case "$exp_file" in
   '') value="$ans";;
   esac
   ;;
  esac
  case "$fullpath" in
```

```
  true)
?X: Perform all the checks on ansexp and not value since when d_portable
?X: is defined, the original un-expanded answer which is stored in value
?X: would lead to "non-existent" error messages whilst ansexp has been
?X: properly expanded. -- Fixed by Jan.Djarv@sa.erisoft.se (Jan Djarv)
?X: Always expand ~user if '/' was requested
   case "$ansexp" in
   /*) value="$ansexp" ;;
?X: Allow for c:/some/path
   [a-zA-Z]:/*) value="$ansexp" ;;
   *)
    redo=true
    case "$already" in
    true)
    echo "I shall only accept a full path name, as in /bin/ls." >&4
    echo "Use a ! shell escape if you wish to check pathnames." >&4
     ;;
    *)
    echo "Please give a full path name, starting with slash." >&4
     case "$tilde"
 in
     true)
    echo "Note that using ~name is ok provided it expands well." >&4
      already=true
      ;;
     esac
    esac
    ;;
  esac
  ;;
 esac
 case "$redo" in
 ")
  case "$type" in
  File)
   for fp in $gfpth; do
    if test "X$fp" = X.; then
        pf="$ansexp"
    else
        pf="$fp/$ansexp"
    fi
    if test -f "$pf"; then
     type="
    elif test -r "$pf" || (test -h "$pf") >/dev/null 2>&1
    then
     echo "($value is not a plain file, but that's ok.)"
     type="
    fi
```

```
    if test X"$type" = X; then
        value="$pf"
        break
    fi
   done
   ;;
  Directory)
   for fp in $gfpth; do
    if test "X$fp" = X.; then
        dir="$ans"
        direxp="$ansexp"
    else
        dir="$fp/$ansexp"
        direxp="$fp/$ansexp"
    fi
    if test -d "$direxp"; then
     type="
     value="$dir"
     break
    fi
   done
   ;;
  Locate)
   if test -d "$ansexp"; then
    echo "(Looking for $loc_file in directory
$value.)"
    value="$value/$loc_file"
    ansexp="$ansexp/$loc_file"
   fi
   if test -f "$ansexp"; then
    type="
   fi
   case "$nopath_ok" in
   true) case "$value" in
    */*) ;;
    *) echo "Assuming $value will be in people's path."
     type="
     ;;
    esac
    ;;
   esac
   ;;
  esac

  case "$skip" in
  true) type=";
  esac
```

```
   case "$type" in
   ") ;;
   *)
    if test "$fastread" = yes; then
     dflt=y
    else
     dflt=n
    fi
    rp="$what $value doesn't exist.  Use that name anyway?"
    . UU/myread
    dflt=''
    case "$ans" in
    y*) type='';;
    *) echo " ";;
    esac
    ;;
   esac
   ;;
  esac
  ;;
 esac
done
cd UU
ans="$value"
rp="$orig_rp"
dflt="$orig_dflt"
rm -f getfile.ok
test "X$gfpthkeep" != Xy && gfpth=''
EOSC
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Getfile.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysvfs.U,v $
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_sysvfs: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_sysvfs:
?S: This variable conditionally defines the I_SYSVFS symbol,
?S: and indicates whether a C program should include <sys/vfs.h>.
?S:.
```

```
?C:I_SYS_VFS:
?C: This symbol, if defined, indicates that <sys/vfs.h> exists and
?C: should be included.
?C:.
?H:#$i_sysvfs I_SYS_VFS  /**/
?H:.
?LINT:set i_sysvfs
: see if this is a sys/vfs.h system
set sys/vfs.h i_sysvfs
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_sysvfs.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: lintlib.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: lintlib.U,v $
?RCS: Revision 3.0  1993/08/18  12:09:05  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:lintlib lintlibexp: Getfile Loc Oldconfig
?MAKE: -pick add $@ %<
?S:lintlib:
?S: This variable holds the name of the directory in which the user wants
?S: to put public lint-library files for the package in question.  It is
?S: most often a local directory such as /usr/local/lib/lint. Programs using
?S: this variable must be prepared to
 deal with ~name expansion.
?S:.
?S:lintlibexp:
?S: This variable is the same as the lintlib variable, but is filename
?S: expanded at configuration time, for convenient use in your makefiles.
?S:.
: determine where public lint libraries go
case "$lintlib" in
") dflt=`./loc . "." /usr/local/lib/lint /usr/lib/lint /usr/lib`;;
*) dflt="$lintlib" ;;
esac
```

```
echo " "
fn=d~
rp='Where do you want to put the public lint libraries?'
. ./getfile
lintlib="$ans"
lintlibexp="$ansexp"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/lintlib.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_scandir.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_scandir.U,v $
?RCS: Revision 3.0.1.1  1994/01/24  14:06:35  ram
?RCS: patch16: created
?RCS:
?MAKE:d_scandir: Inlibc
?MAKE: -pick add $@ %<
?S:d_scandir:
?S: This variable conditionally defines HAS_SCANDIR if scandir() is
?S: available to scan a directory.
?S:.
?C:HAS_SCANDIR:
?C: This symbol, if defined, indicates that the scandir routine is
?C: available to scan a directory.
?C:.
?H:#$d_scandir HAS_SCANDIR /**/
?H:.
?LINT:set d_scandir
: see if
 scandir exists
set scandir d_scandir
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_scandir.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: kernel.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: kernel.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:54  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:kernel: Getfile test
?MAKE: -pick add $@ %<
?S:kernel:
?S: This variable becomes the (fully rooted) path name of the kernel.
?S:.
: find the name of the kernel.
echo " "
case "$kernel" in
")
 if $test -r /unix; then
  dflt=/unix
 elif $test -r /vmunix; then
  dflt=/vmunix
 elif $test -r /xenix; then
  dflt=/xenix
 elif $test -r /mach; then
  dflt=/mach
 elif
 $test -r /dgux; then
  dflt=/dgux
 elif $test -r /hp-ux; then
  dflt=/hp-ux
 elif $test -r /syst; then
  dflt=/syst
 elif $test -r /arix; then
  dflt=/arix
 elif $test -r /irix; then
  dflt=/arix
 else
  dflt='unknown'
  set X /*x
  shift
```

```
  case $# in
  1)
   if $test -r "$1"; then
    dflt="$1"
   fi
   ;;
  esac
 fi
 ;;
*)
 dflt="$kernel"
 ;;
esac
fn=f
rp='What is the name of your kernel?'
. ./getfile
kernel="$ans"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/kernel.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_ctermid_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_ctermid_r ctermid_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads extern_C
?MAKE: -pick add $@ %<
?S:d_ctermid_r:
?S: This variable conditionally defines the HAS_CTERMID_R symbol,
?S: which indicates to the C program that the ctermid_r()
?S: routine is available.
?S:.
?S:ctermid_r_proto:
?S: This variable encodes the prototype of ctermid_r.
?S: It is zero if d_ctermid_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_ctermid_r
?S: is defined.
?S:.
?C:HAS_CTERMID_R:
?C: This symbol, if defined, indicates that the ctermid_r routine
?C: is available to ctermid re-entrantly.
```

```
?C:.
?C:CTERMID_R_PROTO:
?C: This
 symbol encodes the prototype of ctermid_r.
?C: It is zero if d_ctermid_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_ctermid_r
?C: is defined.
?C:.
?H:#$d_ctermid_r HAS_CTERMID_R /**/
?H:#define CTERMID_R_PROTO $ctermid_r_proto /**/
?H:.
?T:try hdrs d_ctermid_r_proto
: see if ctermid_r exists
set ctermid_r d_ctermid_r
eval $inlibc
case "$d_ctermid_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h "
 case "$d_ctermid_r_proto:$usethreads" in
 ":define") d_ctermid_r_proto=define
  set d_ctermid_r_proto ctermid_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_ctermid_r_proto" in
 define)
 case "$ctermid_r_proto" in
 "|0) try='char* ctermid_r(char*);'
 ./protochk "$extern_C $try" $hdrs && ctermid_r_proto=B_B ;;
 esac
 case "$ctermid_r_proto" in
 "|0) d_ctermid_r=undef
  ctermid_r_proto=0
  echo "Disabling ctermid_r, cannot determine prototype." >&4 ;;
 * ) case "$ctermid_r_proto" in
  REENTRANT_PROTO*) ;;
  *)
 ctermid_r_proto="REENTRANT_PROTO_$ctermid_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "ctermid_r has no prototype, not using it." >&4 ;;
  esac
  d_ctermid_r=undef
  ctermid_r_proto=0
  ;;
```

```
 esac
 ;;
*) ctermid_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_ctermid_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_getcwd: Inlibc
?MAKE: -pick add $@ %<
?S:d_getcwd:
?S: This variable conditionally defines the HAS_GETCWD symbol, which
?S: indicates to the C program that the getcwd() routine is available
?S: to get the current working directory.
?S:.
?C:HAS_GETCWD :
?C: This symbol, if defined, indicates that the getcwd routine is
?C: available to get the current working directory.
?C:.
?H:#$d_getcwd HAS_GETCWD  /**/
?H:.
?LINT:set d_getcwd
: see if getcwd exists
set getcwd d_getcwd
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getcwd.U
No license file was found, but licenses were detected in source scan.

```
/*
* $Id: dup2.C,v 3.0.1.1 1994/01/24 13:58:37 ram Exp ram $
*
*  Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
*
*  You may redistribute only under the terms of the Artistic Licence,
*  as specified in the README file that comes with the distribution.
```

```
*  You may reuse parts of this distribution only within the terms of
*  that same Artistic Licence; a copy of which may be found at the root
*  of the source tree for dist 4.0.
*
* Original Author: Larry Wall <lwall@netlabs.com>
*
* $Log: dup2.C,v $
* Revision 3.0.1.1  1994/01/24  13:58:37  ram
* patch16: created
*
*/
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/C/fake/dup2.C
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_ftello: Inlibc longsize
?MAKE: -pick add $@ %<
?S:d_ftello:
?S: This variable conditionally defines the HAS_FTELLO symbol, which
?S: indicates to the C program that the ftello() routine is available.
?S:.
?C:HAS_FTELLO:
?C: This symbol, if defined, indicates that the ftello routine is
?C: available to ftell beyond 32 bits (useful for ILP32 hosts).
?C:.
?H:#$d_ftello HAS_FTELLO  /**/
?H:.
?LINT:set d_ftello
: see if ftello exists
set ftello d_ftello
eval $inlibc
case "$longsize" in
8) echo "(Your long is 64 bits, so you could use ftell.)" ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_ftello.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000, Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:Devel usedevel: Myread rsrc package
?MAKE: -pick wipe $@ %<
?T:xversion
?X: waiver of rights
?S:usedevel:
?S: This variable indicates that Perl was configured with development
?S: features enabled.  This should not be done for production builds.
?S:.
?C:PERL_USE_DEVEL:
?C: This symbol, if defined, indicates that Perl was configured with
?C: -Dusedevel, to enable development features.  This should not be
?C: done for production builds.
?C:.
?H:#$usedevel PERL_USE_DEVEL  /**/
?H:.
?LINT:extern versionony
?LINT:extern
 installusrbinperl
?LINT:change versionony
?LINT:change installusrbinperl
: See if we are using a devel version and want that
xversion=`awk '/define[  ]+PERL_VERSION/ {print $3}' $rsrc/patchlevel.h`
case "$usedevel" in
$define|true|[yY]*)
   usedevel="$define" ;;
*) case "$xversion" in
  *[13579])
 cat >&4 <<EOH
*** WHOA THERE!!! ***

   This is an UNSTABLE DEVELOPMENT release.
   The version of this $package distribution is $xversion, that is, odd,
   (as opposed to even) and that signifies a development release.
   If you want a maintenance release, you want an even-numbered version.

   Do ***NOT*** install this into production use.
```

```
   Data corruption and crashes are possible.

   It is most seriously suggested that you do not continue any further
   unless you want to help in developing and debugging Perl.

   If you *still* want to build perl, you can answer 'y' now,
   or pass -Dusedevel to Configure.

EOH
 rp='Do you really want to continue?'
 dflt='n'
 . ./myread
 case
 "$ans" in
 [yY]) echo >&4 "Okay, continuing."
       usedevel="$define" ;;
 *) echo >&4 "Okay, bye."
    exit 1
    ;;
 esac
 ;;
   esac
   usedevel="$undef"
   ;;
esac
case "$usedevel" in
$define|true|[yY]*)
 case "$versiononly" in
 ") versiononly="$define" ;;
 esac
 case "$installusrbinperl" in
 ") installusrbinperl="$undef" ;;
 esac
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/Devel.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_ctermid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_ctermid.U,v $
?RCS: Revision 3.0  1993/08/18  12:05:54  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_ctermid: Inlibc
?MAKE: -pick add $@ %<
?S:d_ctermid:
?S: This variable conditionally defines CTERMID if ctermid() is
?S: available to generate filename for terminal.
?S:.
?C:HAS_CTERMID (CTERMID):
?C: This symbol, if defined, indicates that the ctermid routine is
?C: available to generate filename for terminal.
?C:.
?H:#$d_ctermid
 HAS_CTERMID  /**/
?H:.
?LINT:set d_ctermid
: see if ctermid exists
set ctermid d_ctermid
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_ctermid.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_strccmp.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_strccmp.U,v $
?RCS: Revision 3.0.1.2  1994/05/06  14:54:34  ram
?RCS: patch23: fixed a typo (WED)
?RCS:
?RCS: Revision 3.0.1.1  1993/09/13  16:04:39  ram
?RCS: patch10: created (WAD)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:06:24  ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_strccmp: Inlibc
?MAKE: -pick add $@ %<
?S:d_strccmp:
?S: This variable conditionally defines the HAS_STRCASECMP symbol, which
?S: indicates to the C program
 that the strcasecmp() routine is available
?S: for case-insensitive string compares.
?S:.
?C:HAS_STRCASECMP:
?C: This symbol, if defined, indicates that the strcasecmp() routine is
?C: available for case-insensitive string compares.
?C:.
?H:#$d_strccmp HAS_STRCASECMP /**/
?H:.
?LINT:set d_strccmp
: see if strcasecmp exists
set strcasecmp d_strccmp
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strccmp.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_srand48_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_srand48_r srand48_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_stdlib extern_C
?MAKE: -pick add $@ %<
?S:d_srand48_r:
?S: This variable conditionally defines the HAS_SRAND48_R symbol,
?S: which indicates to the C program that the srand48_r()
?S: routine is available.
?S:.
?S:srand48_r_proto:
?S: This variable encodes the prototype of srand48_r.
?S: It is zero if d_srand48_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_srand48_r
?S: is defined.
?S:.
```

```
?C:HAS_SRAND48_R:
?C: This symbol, if defined, indicates that the srand48_r routine
?C: is available to srand48 re-entrantly.
?C:.
?C:SRAND48_R_PROTO:
?C: This
 symbol encodes the prototype of srand48_r.
?C: It is zero if d_srand48_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_srand48_r
?C: is defined.
?C:.
?H:#$d_srand48_r HAS_SRAND48_R /**/
?H:#define SRAND48_R_PROTO $srand48_r_proto /**/
?H:.
?T:try hdrs d_srand48_r_proto
: see if srand48_r exists
set srand48_r d_srand48_r
eval $inlibc
case "$d_srand48_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_stdlib stdlib.h"
 case "$d_srand48_r_proto:$usethreads" in
 ":define") d_srand48_r_proto=define
  set d_srand48_r_proto srand48_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_srand48_r_proto" in
 define)
 case "$srand48_r_proto" in
 "|0) try='int srand48_r(long, struct drand48_data*);'
 ./protochk "$extern_C $try" $hdrs && srand48_r_proto=I_LS ;;
 esac
 case "$srand48_r_proto" in
 "|0) d_srand48_r=undef
  srand48_r_proto=0
  echo "Disabling srand48_r, cannot determine prototype." >&4 ;;
 * ) case
 "$srand48_r_proto" in
  REENTRANT_PROTO*) ;;
  *) srand48_r_proto="REENTRANT_PROTO_$srand48_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "srand48_r has no prototype, not using it." >&4 ;;
  esac
```

```
  d_srand48_r=undef
  srand48_r_proto=0
  ;;
 esac
 ;;
*) srand48_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_srand48_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: scriptdir.U,v 3.1 1999/07/09 18:20:13 doughera Exp doughera $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: scriptdir.U,v $
?RCS: Revision 3.1  1999/07/09 18:20:13  doughera
?RCS: Updated for installprefix
?RCS:
?RCS: Revision 3.0.1.3  1995/09/25  09:17:15  ram
?RCS: patch59: unit is now forced to the top of Configure, if possible
?RCS:
?RCS: Revision 3.0.1.2  1995/01/30  14:46:13  ram
?RCS: patch49: can now handle installation prefix changes (from WED)
?RCS:
?RCS: Revision 3.0.1.1  1994/08/29  16:32:04  ram
?RCS: patch32: now uses installation prefix
?RCS:
?RCS:
 Revision 3.0  1993/08/18  12:09:45  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:scriptdir scriptdirexp installscript: cat test Getfile Loc \
 Oldconfig +bin Prefixit Setprefixvar prefixexp Prefixup
?MAKE: -pick add $@ %<
?Y:TOP
?D:scriptdir=''
?S:scriptdir:
?S: This variable holds the name of the directory in which the user wants
```

```
?S: to put publicly scripts for the package in question.  It is either
?S: the same directory as for binaries, or a special one that can be
?S: mounted across different architectures, like /usr/share. Programs
?S: must be prepared to deal with ~name expansion.
?S:.
?D:scriptdirexp="
?S:scriptdirexp:
?S: This variable is the same as scriptdir, but is filename expanded
?S: at configuration time, for programs not wanting to bother with it.
?S:.
?S:installscript:
?S: This variable is usually the same as scriptdirexp, unless you are on
?S: a system running AFS, in which case they may differ slightly. You
?S: should always use this variable
 within your makefiles for portability.
?S:.
?C:SCRIPTDIR:
?C: This symbol holds the name of the directory in which the user wants
?C: to put publicly executable scripts for the package in question.  It
?C: is often a directory that is mounted across diverse architectures.
?C: Programs must be prepared to deal with ~name expansion.
?C:.
?C:SCRIPTDIR_EXP:
?C: This is the same as SCRIPTDIR, but is filename expanded at
?C: configuration time, for use in programs not prepared to do
?C: ~name substitutions at run-time.
?C:.
?H:#define SCRIPTDIR "$scriptdir" /**/
?H:#define SCRIPTDIR_EXP "$scriptdirexp" /**/
?H:.
?T:installscriptdir
?LINT:change prefixvar
?LINT:set scriptdir
?LINT:set scriptdirexp
: determine where public executable scripts go
set scriptdir scriptdir
eval $prefixit
case "$scriptdir" in
")
 dflt="$bin"
 : guess some guesses
 $test -d /usr/share/scripts && dflt=/usr/share/scripts
 $test -d /usr/share/bin     && dflt=/usr/share/bin
 $test -d /usr/local/script  && dflt=/usr/local/script
 $test
 -d /usr/local/scripts && dflt=/usr/local/scripts
 $test -d $prefixexp/script  && dflt=$prefixexp/script
 set dflt
```

```
 eval $prefixup
 ;;
*)  dflt="$scriptdir"
 ;;
esac
$cat <<EOM

Some installations have a separate directory just for executable scripts so
that they can mount it across multiple architectures but keep the scripts in
one spot.  You might, for example, have a subdirectory of /usr/share for this.
Or you might just lump your scripts in with all your other executables.

EOM
fn=d~
rp='Where do you keep publicly executable scripts?'
. ./getfile
if $test "X$ansexp" != "X$scriptdirexp"; then
 installscript=''
fi
installscriptdir=''
prefixvar=scriptdir
. ./setprefixvar
: A little fix up for an irregularly named variable.
installscript="$installscriptdir"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/scriptdir.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: prefshell.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: prefshell.U,v $
?RCS: Revision 3.0.1.2  1994/10/29  16:28:13  ram
?RCS: patch36: added SHELL temporary since metalint now sees ${SHELL}
?RCS:
?RCS: Revision 3.0.1.1  1993/09/13  16:11:47  ram
?RCS: patch10: non-portable var substitution was used (WAD)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:34  ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:prefshell: cat package Getfile Oldconfig ksh csh bash
?MAKE: -pick add $@ %<
?S:prefshell:
?S: This
 variable contains the eventual value of the PREFSHELL symbol,
?S: which contains the full name of the preferred user shell on this
?S: system.  Usual values are /bin/csh, /bin/ksh, /bin/sh.
?S:.
?C:PREFSHELL:
?C: This symbol contains the full name of the preferred user shell on this
?C: system.  Usual values are /bin/csh, /bin/ksh, /bin/sh.
?C:.
?H:#define PREFSHELL "$prefshell"  /**/
?H:.
?T:SHELL
: find out which shell people like to use most
case "$prefshell" in
")
 case "$ksh $bash $csh" in
 */ksh*) dflt="$ksh" ;;
 */bash*) dflt="$bash" ;;
 */csh*) dflt="$csh" ;;
 *) dflt='/bin/sh' ;;
 esac
 ;;
*)  dflt="$prefshell";;
esac
?X: Some shells (Ultrix) do not understand ${SHELL:-/bin/sh}, sigh!
$cat <<EOM

Give the full path name of the shell most people like to use on your system.
This will be used by $package whenever the user wants to get a shell
escape (for instance) and is not necessarily the same as the shell you are
currently using (${SHELL-/bin/sh}).

EOM
fn=f/~
rp='Preferred
 shell to be used?'
. ./getfile
prefshell=$ans
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/prefshell.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Instruct.U,v $
?RCS: Revision 3.0.1.3  1997/02/28  15:02:55  ram
?RCS: patch61: logname / whoami sequence rewritten to use case
?RCS:
?RCS: Revision 3.0.1.2  1995/02/15  14:11:34  ram
?RCS: patch51: author name now appears at the end of the paragraph (WED)
?RCS:
?RCS: Revision 3.0.1.1  1995/01/11  15:12:05  ram
?RCS: patch45: now documents the & escape to turn -d on at the read prompt
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:04  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X:
 This unit spew out the directions that we want everyone to read.  I try to
?X: keep the first "pagefull" much less than a page since they don't know it
?X: isn't going to go shooting off the top of the screen, and we don't want
?X: to panic them yet.
?X:
?MAKE:Instruct: Begin Myread Configdir contains
?MAKE: -pick wipe $@ %<
?T:user needman firsttime
: general instructions
needman=true
firsttime=true
user=`(logname) 2>/dev/null`
case "$user" in
") user=`whoami 2>&1`;;
esac
if $contains "^$user\$" ../.config/instruct >/dev/null 2>&1; then
 firsttime=false
 echo " "
 rp='Would you like to see the instructions?'
 dflt=n
 . ./myread
```

```
 case "$ans" in
 [yY]*) ;;
 *) needman=false;;
 esac
fi
if $needman; then
 cat <<EOH

This installation shell script will examine your system and ask you questions
to determine how the <PACKAGENAME> package should be installed. If you get
stuck on a question, you may use a ! shell escape to start a subshell or
execute a command.  Many of the questions will have
 default answers in square
brackets; typing carriage return will give you the default.

On some of the questions which ask for file or directory names you are allowed
to use the ~name construct to specify the login directory belonging to "name",
even if you don't have a shell which knows about that.  Questions where this is
allowed will be marked "(~name ok)".

EOH
 rp="
 dflt='Type carriage return to continue'
 . ./myread
 cat <<'EOH'

The prompter used in this script allows you to use shell variables and
backticks in your answers.  You may use $1, $2, etc...  to refer to the words
in the default answer, as if the default line was a set of arguments given to a
script shell.  This means you may also use $* to repeat the whole default line,
so you do not have to re-type everything to add something to the default.

Everytime there is a substitution, you will have to confirm.  If there is an
error (e.g. an unmatched backtick), the default answer will remain unchanged
and you will be prompted
 again.

If you are in a hurry, you may run 'Configure -d'.  This will bypass nearly all
the questions and use the computed defaults (or the previous answers if there
was already a config.sh file). Type 'Configure -h' for a list of options.
You may also start interactively and then answer '& -d' at any prompt to turn
on the non-interactive behaviour for the remainder of the execution.

EOH
 . ./myread
 cat <<EOH

Much effort has been expended to ensure that this shell script will run on any
```

```
Unix system.  If despite that it blows up on yours, your best bet is to edit
Configure and run it again.  If you can't run Configure for some reason,
you'll have to generate a config.sh file by hand.  Whatever problems you
have, let me (<MAINTLOC>) know how I blew it.

This installation script affects things in two ways:

1) it may do direct variable substitutions on some of the files included
  in this kit.
2) it builds a config.h file for inclusion in C programs.  You may edit
  any of these
 files as the need arises after running this script.

If you make a mistake on a question, there is no easy way to back up to it
currently.  The easiest thing to do is to edit config.sh and rerun all the SH
files.  Configure will offer to let you do this before it runs the SH files.

EOH
?X: In case they played with the prompter...
 dflt='Type carriage return to continue'
 . ./myread
 case "$firsttime" in
 true) echo $user >>../.config/instruct;;
 esac
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Instruct.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_mbstowcs.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_mbstowcs.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:29  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_mbstowcs: Inlibc
?MAKE: -pick add $@ %<
?S:d_mbstowcs:
```

```
?S: This variable conditionally defines the HAS_MBSTOWCS symbol, which
?S: indicates to the C program that the mbstowcs() routine is available
?S: to convert a multibyte string into a wide character string.
?S:.
?C:HAS_MBSTOWCS (MBSTOWCS):
?C: This symbol, if defined, indicates
 that the mbstowcs routine is
?C: available to convert a multibyte string into a wide character string.
?C:.
?H:#$d_mbstowcs HAS_MBSTOWCS  /**/
?H:.
?LINT:set d_mbstowcs
: see if mbstowcs exists
set mbstowcs d_mbstowcs
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_mbstowcs.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getpwent.U,v $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: d_getpwent.U,v $
?RCS:
?MAKE:d_getpwent: Inlibc
?MAKE: -pick add $@ %<
?S:d_getpwent:
?S: This variable conditionally defines the HAS_GETPWENT symbol, which
?S: indicates to the C program that the getpwent() routine is available
?S: for sequential access of the passwd database.
?S:.
?C:HAS_GETPWENT:
?C: This symbol, if defined, indicates that the getpwent routine is
?C: available for sequential access of the passwd database.
?C: If this is not available, the older getpw() function may be available.
?C:.
?H:#$d_getpwent HAS_GETPWENT  /**/
?H:.
?LINT:set d_getpwent
: see if getpwent exists
set getpwent d_getpwent
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_getpwent.U
No license file was found, but licenses were detected in source scan.

```
?RCS: Copyright (c) 2017 H.Merijn Brand (original change by Tony Cook)
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_openat d_unlinkat d_renameat d_linkat d_fchmodat: Inlibc
?MAKE: -pick add $@ %<
?S:d_fchmodat:
?S: This variable conditionally defines the HAS_FCHMODAT symbol, which
?S: indicates the POSIX fchmodat() function is available.
?S:.
?S:d_linkat:
?S: This variable conditionally defines the HAS_LINKAT symbol, which
?S: indicates the POSIX linkat() function is available.
?S:.
?S:d_openat:
?S: This variable conditionally defines the HAS_OPENAT symbol, which
?S: indicates the POSIX openat() function is available.
?S:.
?S:d_renameat:
?S: This variable conditionally defines the HAS_RENAMEAT symbol, which
?S: indicates the POSIX renameat() function is available.
?S:.
?S:d_unlinkat:
?S: This variable
 conditionally defines the HAS_UNLINKAT symbol, which
?S: indicates the POSIX unlinkat() function isavailable.
?S:.
?C:HAS_FCHMODAT:
?C: This symbol is defined if the fchmodat() routine is available.
?C:.
?C:HAS_LINKAT:
?C: This symbol is defined if the linkat() routine is available.
?C:.
?C:HAS_OPENAT:
?C: This symbol is defined if the openat() routine is available.
?C:.
?C:HAS_RENAMEAT:
?C: This symbol is defined if the renameat() routine is available.
?C:.
?C:HAS_UNLINKAT:
?C: This symbol is defined if the unlinkat() routine is available.
```

```
?C:.
?H:#$d_fchmodat HAS_FCHMODAT /**/
?H:#$d_linkat HAS_LINKAT /**/
?H:#$d_openat HAS_OPENAT /**/
?H:#$d_renameat HAS_RENAMEAT /**/
?H:#$d_unlinkat HAS_UNLINKAT /**/
?H:.
?LINT:set d_openat d_unlinkat d_renameat d_linkat d_fchmodat
: check for openat, unlinkat, renameat, linkat, fchmodat
set openat d_openat
eval $inlibc

set unlinkat d_unlinkat
eval $inlibc

set renameat d_renameat
eval $inlibc

set linkat d_linkat
eval $inlibc

set fchmodat d_fchmodat
eval
 $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fsat.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_internet.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_internet.U,v $
?RCS: Revision 3.0.1.1  1993/09/13  16:02:04  ram
?RCS: patch10: most mailers support Internet addresses nowadays (WAD)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:06:24  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_internet: Myread Oldconfig Setvar
```

```
?MAKE: -pick add $@ %<
?S:d_internet:
?S: This variable conditionally defines the INTERNET symbol, which
?S: indicates to the C program that there is a mailer available
 which
?S: supports internet-style addresses (user@site.domain).
?S:.
?C:INTERNET:
?C: This symbol, if defined, indicates that there is a mailer available
?C: which supports internet-style addresses (user@site.domain).
?C:.
?H:#$d_internet INTERNET /**/
?H:.
?LINT:set d_internet
: check for internet mailer
dflt=y
case "$d_internet" in
"$undef") dflt=n;;
esac
cat <<EOM

Most mailers can deliver mail to addresses of the INTERNET persuasion,
such as user@host.edu.  Some older mailers, however, require the complete
path to the destination to be specified in the address.

EOM
rp="Does your mailer understand INTERNET addresses?"
. ./myread
case "$ans" in
y*) val="$define";;
*)  val="$undef";;
esac
set d_internet
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_internet.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999, Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_ustat: Inlibc
?MAKE: -pick add $@ %<
?S:d_ustat:
?S: This variable conditionally defines HAS_USTAT if ustat() is
?S: available to query file system statistics by dev_t.
?S:.
?C:HAS_USTAT:
?C: This symbol, if defined, indicates that the ustat system call is
?C: available to query file system statistics by dev_t.
?C:.
?H:#$d_ustat HAS_USTAT  /**/
?H:.
?LINT:set d_ustat
: see if ustat exists
set ustat d_ustat
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_ustat.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: warnflags.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Orginal Author: Graham Stoney <greyham@research.canon.oz.au>
?RCS:
?RCS: $Log: warnflags.U,v $
?RCS: Revision 3.0  1993/08/18  12:10:02  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:warnflags: cat cc contains Myread Guess Oldconfig Findhdr
?MAKE: -pick add $@ %<
?S:warnflags:
?S: This variable contains any additional C compiler flags to generate
?S: warnings from the compiler. It is up to the Makefile to use this.
?S:.
: offer additional
```

```
 warning flags for compilation
$cat <<EOH

You may wish to compile with extra compiler warnings enabled.
Note that doing so enhances your chance of receiving your free set of steak
knives, particularly if you find any bugs and report them.
If you don't want extra warnings, answer "none".

EOH
case "$warnflags" in
") case "$cc" in
 *gcc*)
  dflt="-Wall -Wno-comment"
  if $contains 'fprintf' `./findhdr stdio.h` >/dev/null 2>&1; then
   :
  else
   dflt="$dflt -Wno-implicit"
  fi
  ;;
 *) dflt="none";;
 esac
 ;;
' ') dflt="none";;
*) dflt="$warnflags";;
esac

rp="Any $cc flags to enable warnings?"
. ./myread
case "$ans" in
none) warnflags=' ';;
*) warnflags="$ans";;
esac

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/warnflags.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
```

```
?RCS: $Log: Signal.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  15:20:01  ram
?RCS: patch61: created
?RCS:
?X:
?X: This unit produces three files:
?X:
?X: 1- A signal.c file, which, when compiled and run, produces an output like:
?X:
?X:   HUP 1
?X:   INT 2
?X:   QUIT 3
?X:   etc...
?X:
?X: 2- A signal.awk script to parse the output of signal.c, fill
?X: in gaps (up to NSIG) and move duplicates to the end.
?X:
?X: 3- A signal_cmd script to compile signal.c and run it
?X: through sort -n -k 2 | uniq | awk -f signal.awk.
?X:
 (we try also sort -n +1 since some old hosts don't grok sort -k)
?X: (This is called signal_cmd to avoid OS/2 confusion with
?X: signal.cmd vs. signal.
?X: The signal_cmd script also falls back on checking signals one at a
?X: time in case the signal.c program fails.  On at least one version of
?X: Linux 2.1.x, the header file #define'd SIGRTMAX to a symbol that
?X: is not defined by the compiler/linker. :-(.  Further, on that same
?X: version of Linux, the user had a defective C-shell that gave an
?X: incorrect list for kill -l, so the fall-back didn't work.
?X:
?X: This unit is then used by sig_name.U.
?X:
?MAKE:Signal: test tr rm awk cat grep startsh eunicefix sed sort uniq \
 Findhdr cppstdin +cppflags cppminus Compile trnl run
?MAKE: -pick add $@ %<
?X:all files declared as "public" since they're used from other units
?F:signal.c signal_cmd signal.lst signal signal.awk
?T: xx xxx xxxfiles
?LINT:use rm run
: Trace out the files included by signal.h, then look for SIGxxx
 names.
?X: Remove SIGARRAYSIZE used by HPUX.
?X: Remove SIGSTKSIZE used by Linux.
?X: Remove SIGSTKSZ used by Posix.
?X: Remove SIGTYP void lines used by OS2.
?X: Some cpps, like os390, dont give the file name anywhere
if [ "X$fieldn" = X ]; then
 : Just make some guesses.  We check them later.
```

```
 xxx='/usr/include/signal.h /usr/include/sys/signal.h'
else
 xxx=`echo '#include <signal.h>' |
 $cppstdin $cppminus $cppflags 2>/dev/null |
 $grep '^[  ]*#.*include' |
 $awk "{print \\$$fieldn}" | $sed 's!"!!g' |\
  $sed 's!\\\\\\\\!/!g' | $sort | $uniq`
fi
?X: Check this list of files to be sure we have parsed the cpp output ok.
?X: This will also avoid potentially non-existent files, such
?X: as ../foo/bar.h
xxxfiles="
?X: Add /dev/null in case the $xxx list is empty.
for xx in $xxx /dev/null ; do
 $test -f "$xx" && xxxfiles="$xxxfiles $xx"
done
?X: If we have found no files, at least try signal.h
case "$xxxfiles" in
") xxxfiles=`./findhdr signal.h` ;;
esac
xxx=`awk '
$1 ~ /^#define$/ &&
 $2 ~ /^SIG[A-Z0-9]*$/ && $2 !~ /SIGARRAYSIZE/ && $2 !~ /SIGSTKSIZE/ && $2 !~ /SIGSTKSZ/ && $3 !~
/void/ {
 print substr($2, 4, 20)
}
$1 == "#" && $2 ~ /^define$/ && $3 ~ /^SIG[A-Z0-9]*$/ && $3 !~ /SIGARRAYSIZE/ && $4 !~ /void/ {
 print substr($3, 4, 20)
}' $xxxfiles`
: Append some common names just in case the awk scan failed.
xxx="$xxx ABRT ALRM BUS CANCEL CHLD CLD CONT DIL EMT FPE"
xxx="$xxx FREEZE HUP ILL INT IO IOT KILL LOST LWP PHONE"
xxx="$xxx PIPE POLL PROF PWR QUIT RTMAX RTMIN SEGV STKFLT STOP"
xxx="$xxx SYS TERM THAW TRAP TSTP TTIN TTOU URG USR1 USR2"
xxx="$xxx USR3 USR4 VTALRM WAITING WINCH WIND WINDOW XCPU XFSZ"

: generate a few handy files for later
$cat > signal.c <<'EOCP'
#include <sys/types.h>
#include <signal.h>
#include <stdio.h>
int main() {

/* Strange style to avoid deeply-nested #if/#else/#endif */
#ifndef NSIG
#  ifdef _NSIG
#    define NSIG (_NSIG)
#  endif
```

```
#endif

#ifndef NSIG
#  ifdef SIGMAX
#    define NSIG (SIGMAX+1)
#  endif
#endif

#ifndef NSIG
#  ifdef SIG_MAX
#
   define NSIG (SIG_MAX+1)
#  endif
#endif

#ifndef NSIG
#  ifdef MAXSIG
#    define NSIG (MAXSIG+1)
#  endif
#endif

#ifndef NSIG
#  ifdef MAX_SIG
#    define NSIG (MAX_SIG+1)
#  endif
#endif

#ifndef NSIG
#  ifdef SIGARRAYSIZE
#    define NSIG (SIGARRAYSIZE+1) /* Not sure of the +1 */
#  endif
#endif

#ifndef NSIG
#  ifdef _sys_nsig
#    define NSIG (_sys_nsig) /* Solaris 2.5 */
#  endif
#endif

/* Default to some arbitrary number that's big enough to get most
  of the common signals.
*/
#ifndef NSIG
#    define NSIG 50
#endif

printf("NSIG %d\n", NSIG);
```

```
#ifndef JUST_NSIG

EOCP

echo $xxx | $tr ' ' $trnl | $sort | $uniq | $awk '
{
 printf "#ifdef SIG"; printf $1; printf "\n"
 printf "printf(\""; printf $1; printf " %%d\\n\",SIG";
 printf $1; printf ");\n"
 printf "#endif\n"
}
END {
 printf "#endif /* JUST_NSIG */\n";
 printf "exit(0);\n}\n";
}
' >>signal.c
$cat >signal.awk <<'EOP'
BEGIN { ndups = 0 }
$1 ~ /^NSIG$/ { nsig = $2 }
($1 !~ /^NSIG$/) && (NF == 2) {
   if ($2 >
 maxsig) { maxsig = $2 }
   if (sig_name[$2]) {
 dup_name[ndups] = $1
 dup_num[ndups] = $2
 ndups++
   }
   else {
 sig_name[$2] = $1
 sig_num[$2] = $2
   }
}
END {
   if (nsig == 0) {
    nsig = maxsig + 1
   }
   printf("NSIG %d\n", nsig);
   for (n = 1; n < nsig; n++) {
 if (sig_name[n]) {
     printf("%s %d\n", sig_name[n], sig_num[n])
 }
 else {
     printf("NUM%d %d\n", n, n)
 }
   }
   for (n = 0; n < ndups; n++) {
 printf("%s %d\n", dup_name[n], dup_num[n])
   }
```

```
}
EOP
$cat >signal_cmd <<EOS
$startsh
if $test -s signal.lst; then
   echo "Using your existing signal.lst file"
 exit 0
fi
xxx="$xxx"
EOS
?X: Avoid variable interpolation problems, especially with
?X: xxx, which contains newlines.
$cat >>signal_cmd <<'EOS'

set signal
if eval $compile_ok; then
 $run ./signal$_exe | ($sort -n -k 2 2>/dev/null || $sort -n +1) |\
  $uniq | $awk -f signal.awk >signal.lst
else
 echo "(I can't seem be able to compile the whole test program)" >&4
 echo "(I'll try it in little
 pieces.)" >&4
 set signal -DJUST_NSIG
 if eval $compile_ok; then
  $run ./signal$_exe > signal.nsg
  $cat signal.nsg
 else
  echo "I can't seem to figure out how many signals you have." >&4
  echo "Guessing 50." >&4
  echo 'NSIG 50' > signal.nsg
 fi
 : Now look at all the signal names, one at a time.
 for xx in `echo $xxx | $tr ' ' $trnl | $sort | $uniq`; do
  $cat > signal.c <<EOCP
#include <sys/types.h>
#include <signal.h>
#include <stdio.h>
int main() {
printf("$xx %d\n", SIG${xx});
return 0;
}
EOCP
  set signal
  if eval $compile; then
   echo "SIG${xx} found."
   $run ./signal$_exe  >> signal.ls1
  else
   echo "SIG${xx} NOT found."
```

```
  fi
 done
 if $test -s signal.ls1; then
  $cat signal.nsg signal.ls1 |
   $sort -n | $uniq | $awk -f signal.awk >signal.lst
 fi

fi
if $test -s signal.lst; then
 :
else
 echo "(AAK! I can't compile the test programs -- Guessing)" >&4
 echo 'kill -l' >signal
 set X `csh -f <signal`
 $rm -f signal
 shift
 case $# in
 0) set HUP INT QUIT ILL TRAP ABRT
 EMT FPE KILL BUS SEGV SYS PIPE ALRM TERM;;
 esac
 echo $@ | $tr ' ' $trnl | \
     $awk '{ printf "%s %d\n", $1, ++s; }
    END { printf "NSIG %d\n", ++s }' >signal.lst
fi
$rm -f signal.c signal$_exe signal$_o signal.nsg signal.ls1
EOS
chmod a+x signal_cmd
$eunicefix signal_cmd
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Signal.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_getmnt: Inlibc
?MAKE: -pick add $@ %<
?S:d_getmnt:
?S: This variable conditionally defines the HAS_GETMNT symbol, which
?S: indicates to the C program that the getmnt() routine is available
?S: to retrieve one or more mount info blocks by filename.
?S:.
```

```
?C:HAS_GETMNT:
?C: This symbol, if defined, indicates that the getmnt routine is
?C: available to get filesystem mount info by filename.
?C:.
?H:#$d_getmnt HAS_GETMNT  /**/
?H:.
?LINT:set d_getmnt
: see if getmnt exists
set getmnt d_getmnt
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getmnt.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_gethbynm.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_gethbynm.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:08  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_gethbyname: Inlibc
?MAKE: -pick add $@ %<
?S:d_gethbyname (d_gethbynm d_gethhstby):
?S: This variable conditionally defines the HAS_GETHOSTBYNAME symbol, which
?S: indicates to the C program that the gethostbyname() routine is available
?S: to look up host names in some data base or other.
?S:.
?C:HAS_GETHOSTBYNAME (GETHOSTBYNAME):
?C: This
 symbol, if defined, indicates that the gethostbyname() routine is
?C: available to look up host names in some data base or other.
?C:.
?H:#$d_gethbyname HAS_GETHOSTBYNAME  /**/
?H:.
?LINT:set d_gethbyname
: see if gethostbyname exists
set gethostbyname d_gethbyname
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_gethbynm.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getpgrp2.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_getpgrp2.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:15  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_getpgrp2: Inlibc
?MAKE: -pick add $@ %<
?S:d_getpgrp2:
?S: This variable conditionally defines the HAS_GETPGRP2 symbol, which
?S: indicates to the C program that the getpgrp2() (as in DG/UX) routine
?S: is available to get the current process group.
?S:.
?C:HAS_GETPGRP2 (GETPGRP2):
?C: This symbol, if defined, indicates that the
 getpgrp2() (as in DG/UX)
?C: routine is available to get the current process group.
?C:.
?H:#$d_getpgrp2 HAS_GETPGRP2  /**/
?H:.
?LINT:set d_getpgrp2
: see if getpgrp2 exists
set getpgrp2 d_getpgrp2
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_getpgrp2.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getlogin_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_getlogin_r getlogin_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_unistd extern_C
?MAKE: -pick add $@ %<
?S:d_getlogin_r:
?S: This variable conditionally defines the HAS_GETLOGIN_R symbol,
?S: which indicates to the C program that the getlogin_r()
?S: routine is available.
?S:.
?S:getlogin_r_proto:
?S: This variable encodes the prototype of getlogin_r.
?S: It is zero if d_getlogin_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getlogin_r
?S: is defined.
?S:.
?C:HAS_GETLOGIN_R:
?C: This symbol, if defined, indicates that the getlogin_r routine
?C: is available
 to getlogin re-entrantly.
?C:.
?C:GETLOGIN_R_PROTO:
?C: This symbol encodes the prototype of getlogin_r.
?C: It is zero if d_getlogin_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getlogin_r
?C: is defined.
?C:.
?H:#$d_getlogin_r HAS_GETLOGIN_R /**/
?H:#define GETLOGIN_R_PROTO $getlogin_r_proto /**/
?H:.
?T:try hdrs d_getlogin_r_proto
: see if getlogin_r exists
set getlogin_r d_getlogin_r
eval $inlibc
case "$d_getlogin_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_unistd unistd.h"
 case "$d_getlogin_r_proto:$usethreads" in
 ":define") d_getlogin_r_proto=define
  set d_getlogin_r_proto getlogin_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_getlogin_r_proto" in
 define)
 case "$getlogin_r_proto" in
```

```
"|0) try='int getlogin_r(char*, size_t);'
./protochk "$extern_C $try" $hdrs && getlogin_r_proto=I_BW ;;
esac
case "$getlogin_r_proto" in
"|0) try='int getlogin_r(char*, int);'
./protochk "$extern_C $try" $hdrs && getlogin_r_proto=I_BI
;;
esac
case "$getlogin_r_proto" in
"|0) try='char* getlogin_r(char*, size_t);'
./protochk "$extern_C $try" $hdrs && getlogin_r_proto=B_BW ;;
esac
case "$getlogin_r_proto" in
"|0) try='char* getlogin_r(char*, int);'
./protochk "$extern_C $try" $hdrs && getlogin_r_proto=B_BI ;;
esac
case "$getlogin_r_proto" in
"|0) d_getlogin_r=undef
 getlogin_r_proto=0
 echo "Disabling getlogin_r, cannot determine prototype." >&4 ;;
* ) case "$getlogin_r_proto" in
 REENTRANT_PROTO*) ;;
 *) getlogin_r_proto="REENTRANT_PROTO_$getlogin_r_proto" ;;
 esac
 echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
 define) echo "getlogin_r has no prototype, not using it." >&4 ;;
 esac
 d_getlogin_r=undef
 getlogin_r_proto=0
 ;;
esac
;;
*) getlogin_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getlogin_r.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: d_gethid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:

```
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_gethid.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:10  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_gethid: Inlibc
?MAKE: -pick add $@ %<
?S:d_gethid:
?S: This variable conditionally defines HAS_GETHOSTID if gethostid() is
?S: available to get the host id.
?S:.
?C:HAS_GETHOSTID (GETHOSTID):
?C: This symbol, if defined, indicates that the gethostid system call is
?C: available to get the host id.
?C:.
?H:#$d_gethid HAS_GETHOSTID  /**/
?H:.
?LINT:set
 d_gethid
: see if gethid exists
set gethostid d_gethid
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_gethid.U
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```
?RCS: $Id$
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Csym.U,v $
?RCS: Revision 3.0.1.4  1995/07/25  13:36:29  ram
?RCS: patch56: re-arranged compile line to include ldflags before objects
?RCS: patch56: added quotes for OS/2 support
?RCS:
```

```
?RCS: Revision 3.0.1.3  1995/05/12  12:00:33  ram
?RCS: patch54: fixed C test program to bypass gcc builtin type checks (ADO)
?RCS:
?RCS: Revision 3.0.1.2  1994/10/31  09:34:13  ram
?RCS: patch44: added Options to the MAKE line since it's no longer in Init.U
?RCS:
?RCS: Revision 3.0.1.1  1993/08/25  14:00:05  ram
?RCS:
 patch6: added ldflags as a conditional dependency and to compile line
?RCS: patch6: a final double quote was missing in csym variable after eval
?RCS:
?RCS: Revision 3.0  1993/08/18  12:04:50  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:Csym: Options contains libc libs runnm +cc +ccflags +ldflags rm
?MAKE: -pick add $@ %<
?LINT:define csym
?LINT:use libc
?S:csym:
?S: This shell variable is used internally by Configure to check
?S: wether a given C symbol is defined or not. A typical use is:
?S:  set symbol result [-fva] [previous]
?S:  eval $csym
?S: That will set result to 'true' if the function [-f], variable [-v]
?S: or array [-a] is defined, 'false' otherwise. If a previous value is
?S: given and the -r flag was provided on the command line, that value
?S: is reused without questioning.
?S:.
?V:csym
?T:tval tx tlook tf tdc tc
: is a C symbol defined?
csym='tlook=$1;
case "$3" in
-v) tf=libc.tmp; tc=""; tdc="";;
-a) tf=libc.tmp; tc="[0]"; tdc="[]";;
*) tlook="^$1\$";
 tf=libc.list; tc=""; tdc="()";;
esac;
tx=yes;
case "$reuseval-$4" in
true-) ;;
true-*) tx=no; eval "tval=\$$4"; case "$tval" in "") tx=yes;; esac;;
esac;
case "$tx" in
yes)
 case "$runnm" in
 true)
  if $contains $tlook $tf >/dev/null 2>&1;
```

```
  then tval=true;
  else tval=false;
  fi;;
 *)
?X:
?X: We use 'char' instead of 'int' to try to circumvent overzealous
?X: optimizing compilers using built-in prototypes for commonly used
?X: routines to complain when seeing a different external declaration. For
?X: instance, gcc 2.6.3 fails if we use 'int' and we attempt a test against
?X: memcpy() on machines where sizeof(int) == sizeof(char *) (the usual return
?X: type), the compiler assuming it's a built-in declaration given that the
?X: returned size matches. At least with 'char' we are safe! -- RAM, for ADO
?X:
?X: Let's thank GNU cc for making our lifes so easy! :-)
?X: (An alternative for the future would be to use our knowledge about gcc
?X: to force a -fno-builtin option in the
 compile test, in case the 'char'
?X: trick is obsoleted by future gcc releases). -- RAM
?X:
?X: Lastly, gcc 3.4 otimizes &missing == 0 away, so we use + 2 instead now.
?X: The GNU folks like to do weird things, don't they? -- RAM, 2004-06-05
?X:
  echo "extern char $1$tdc; int main() { return &$1$tc + 2; }" > t.c;
  if $cc $ccflags $ldflags -o t t.c $libs >/dev/null 2>&1;
  then tval=true;
  else tval=false;
  fi;
  $rm -f t t.c;;
 esac;;
*)
 case "$tval" in
 $define) tval=true;;
 *) tval=false;;
 esac;;
esac;
eval "$2=$tval"'
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Csym.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Null.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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```

```
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Null.U,v $
?RCS: Revision 3.0  1993/08/18  12:05:10  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit ends up producing shell code to set all variables to ".  This
?X: probably isn't necessary, but I'm paranoid.  About certain things.
?X:
?MAKE:Null: Head
?MAKE: -pick add.Null $@ %<
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Null.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getnbyad.U,v $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_getnbyaddr: Inlibc
?MAKE: -pick add $@ %<
?S:d_getnbyaddr:
?S: This variable conditionally defines the HAS_GETNETBYADDR symbol, which
?S: indicates to the C program that the getnetbyaddr() routine is available
?S: to look up networks by their IP addresses.
?S:.
?C:HAS_GETNETBYADDR:
?C: This symbol, if defined, indicates that the getnetbyaddr() routine is
?C: available to look up networks by their IP addresses.
?C:.
?H:#$d_getnbyaddr HAS_GETNETBYADDR  /**/
?H:.
?LINT:set d_getnbyaddr
: see if getnetbyaddr exists
set getnetbyaddr d_getnbyaddr
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_getnbyad.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: lns.U,v $
?RCS: Revision 3.0.1.1  1994/06/20  07:05:52  ram
?RCS: patch30: created by ADO
?RCS:
?MAKE:issymlink: lns test rm
?MAKE: -pick add $@ %<
?S:issymlink:
?S: This variable holds the test command to test for a symbolic link
?S: (if they are supported).  Typical values include 'test -h' and
?S: 'test -L'.
?S:.
?T:pth p
?LINT:change PATH test
?LINT:extern newsh
: determine whether symbolic links are supported
echo
 " "
case "$lns" in
*"ln"*" -s")
 echo "Checking how to test for symbolic links..." >&4
 $lns blurfl sym
 if $test "X$issymlink" = X; then
?X:
?X: In some AIX 4 versions the (ksh) builtin test (-h) is broken.
?X:
  case "$newsh" in
  ") sh     -c "PATH= test -h sym" >/dev/null 2>&1 ;;
  *)  $newsh -c "PATH= test -h sym" >/dev/null 2>&1 ;;
  esac
  if test $? = 0; then
   issymlink="test -h"
  else
   echo "Your builtin 'test -h' may be broken." >&4
   case "$test" in
```

```
  /*) ;;
  *) pth=`echo $PATH | sed -e "s/$p_/ /g"`
   for p in $pth
   do
    if test -f "$p/$test"; then
     test="$p/$test"
     break
    fi
   done
   ;;
  esac
  case "$test" in
  /*)
   echo "Trying external '$test -h'." >&4
   issymlink="$test -h"
   if $test ! -h sym >/dev/null 2>&1; then
    echo "External '$test -h' is broken, too." >&4
    issymlink="
   fi
   ;;
  *) issymlink=" ;;
  esac
 fi
fi
if $test "X$issymlink" = X; then
 if $test -L sym 2>/dev/null; then
  issymlink="$test
-L"
  echo "The builtin '$test -L' worked." >&4
 fi
fi
if $test "X$issymlink" != X; then
 echo "You can test for symbolic links with '$issymlink'." >&4
else
 echo "I do not know how you can test for symbolic links." >&4
fi
$rm -f blurfl sym
;;
*) echo "No symbolic links, so not testing for their testing..." >&4
;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/issymlink.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: Cppsym.U,v 3.0.1.5 1995/05/12 11:59:11 ram Exp $

```
?RCS:
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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: Cppsym.U,v $
?RCS: Revision 3.0.1.5  1995/05/12  11:59:11  ram
?RCS: patch54: split awk command onto two lines for older awk's (ADO)
?RCS:
?RCS: Revision 3.0.1.4  1995/01/11  14:55:57  ram
?RCS: patch45: new cc vs. cpp symbol checking suggested by JHI
?RCS: patch45: added more cpp symbols (JHI)
?RCS:
?RCS: Revision 3.0.1.3  1994/10/29  15:51:32  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS: patch36: new symbols ardent and titan (ADO)
?RCS:
?RCS:
 Revision 3.0.1.2  1994/06/20  06:53:32  ram
?RCS: patch30: extended cpp symbol lookup list (JHI)
?RCS: patch30: renamed attrlist symbol into al for brevity
?RCS:
?RCS: Revision 3.0.1.1  1993/12/15  08:14:14  ram
?RCS: patch15: added new cpp symbols __bsdi__ and BSD_NET2
?RCS:
?RCS: Revision 3.0  1993/08/18  12:04:50  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X: This unit produces a shell script called Cppsym, which can be used to
?X: determine whether any in a list of symbols is defined by the C compilation
?X: chain (C preprocessor symbols plus C compiler native ones).
?X: It can determine the status of any symbol, though the symbols in $al
?X: are more easily determined.  If you want to add to $al you can do
?X: it in Myinit.U.
?MAKE:Cppsym ccsymbols cppsymbols cppccsymbols: run \
 eunicefix Guess awk cat tr sed sort rm rm_try startsh osname \
 +cc +gccversion test comm uniq echo Options trnl \
 optimize ccflags ldflags libs cpp_stuff cpp
?MAKE: -pick add $@ %<
?T:also
 symbols i postprocess_cc_v tHdrH
?X:
?X: The symbol list is in alpha order for ease of maintenance...
?X:
```

```
?X: Lots of new symbols (mostly rummaged from gcc), courtesy of
?X: Jarkko Hietaniemi <jhi@snakemail.hut.fi> -- RAM, 06/06/94
?X:
?S:ccsymbols:
?S: The variable contains the symbols defined by the C compiler alone.
?S: The symbols defined by cpp or by cc when it calls cpp are not in
?S: this list, see cppsymbols and cppccsymbols.
?S: The list is a space-separated list of symbol=value tokens.
?S:.
?S:cppsymbols:
?S: The variable contains the symbols defined by the C preprocessor
?S: alone.  The symbols defined by cc or by cc when it calls cpp are
?S: not in this list, see ccsymbols and cppccsymbols.
?S: The list is a space-separated list of symbol=value tokens.
?S:.
?S:cppccsymbols:
?S: The variable contains the symbols defined by the C compiler
?S: when it calls cpp.  The symbols defined by the cc alone or cpp
?S: alone are not in this list, see ccsymbols and cppsymbols.
?S: The
 list is a space-separated list of symbol=value tokens.
?S:.
?F:./Cppsym
?F:./Cppsym.know
?F:!Cppsym.true
?F:!ccsym.com
?F:!ccsym.cpp
?F:!ccsym.own
?X: fake LINT hints
?LINT:change ccflags
?LINT:extern s
?LINT:extern s__
: Preprocessor symbols
echo " "
$echo "Guessing which symbols your C compiler and preprocessor define..." >&4
?X: If your symbol is mixed case, just add it as-is.
?X: All symbols will be transformed to both all-lower and all-upper.
?X: Also drop any leading/trailing underscores, the scan will try all those.
$cat <<'EOSH' > Cppsym.know
a29k aarch64 ABI64 aegis AES_SOURCE AIX AIX32 AIX370 AIX41 AIX42
AIX43 aixpc AIX_SOURCE alliant ALL_SOURCE alpha AM29000 am29000
AMD64 amd64 amiga AMIGAOS AMIX ansi ANSI_C_SOURCE apollo arch_ppc
arch_pwr ardent ARM ARM32 atarist att386 att3b
BeOS BIG_ENDIAN BIT_MSF BSD bsd bsd43 bsd4_2 BSD4_3 bsd4_3 bsd4_4
BSDCOMPAT bsdi BSD_4_3 BSD_4_4 BSD_NET2 BSD_TIME BSD_TYPES bull
byteorder byte_order
c cadmus clang clipper CMU COFF COMPILER_VERSION
```

concurrent
convex cpu CRAY cray CRAYMPP ctix CX_UX CYGWIN
DECC DGUX DGUX_SOURCE DJGPP dmert DOLPHIN DPX2 DSO Dynix DynixPTX
ELF encore EPI EXTENSIONS
FAVOR_BSD FILE_OFFSET_BITS FORTIFY_SOURCE FreeBSD
GCC_NEW_VARARGS gcos gcx gimpel GLIBC GLIBC_MINOR GNUC GNUC_MINOR
GNU_LIBRARY GNU_SOURCE GO32 gould GOULD_PN
H3050R H3050RX hbullx20 hcx host_mips hp200 hp300 HP700 hp700
hp800 hp9000 hp9000s200 hp9000s300 hp9000s400
hp9000s700 hp9000s800 hp9k8 hppa hpux HPUX_SOURCE hp_osf
i186 i286 i386 i486 i586 i686 i8086 i80960 i860 I960 IA32 IA64
iAPX286 ibm ibm032 ibmesa IBMR2 ibmrt ILP32 ILP64
INLINE_INTRINSICS INT64 INTEL interdata INTRINSICS is68k itanium
ksr1
LANGUAGE_C LARGEFILE64_SOURCE LARGEFILE_SOURCE LARGE_FILE_API
LFS64_LARGEFILE LFS_LARGEFILE LIBCATAMOUNT Linux LITTLE_ENDIAN
LONG64 LONGDOUBLE LONGLONG LONG_DOUBLE LONG_LONG LP64 luna
luna88k Lynx
M68000 m68k m88100 m88k M88KBCS_TARGET MACH machine MachTen
MATH_HAS_NO_SIDE_EFFECTS mc300 mc500 mc68000 mc68010 mc68020
mc68030 mc68040 mc68060
mc68k mc68k32 mc700 mc88000 mc88100
merlin mert MiNT mips MIPSEB MIPSEL MIPS_FPSET MIPS_ISA MIPS_SIM
MIPS_SZINT MIPS_SZLONG MIPS_SZPTR MODERN_C motorola mpeix MSDOS
MTXINU MULTIMAX MVS mvs M_AMD64 M_ARM M_ARMT M_COFF M_I186 M_I286
M_I386 M_I8086 M_I86 M_I86SM M_IA64 M_IX86 M_PPC M_SYS3 M_SYS5
M_SYSIII M_SYSV M_UNIX M_X86 M_XENIX
n16 ncl_el ncl_mr NetBSD news1500 news1700 news1800 news1900
news3700 news700 news800 news900 NeXT NLS nonstopux ns16000
ns32000 ns32016 ns32332 ns32k nsc32000
OCS88 OEMVS OpenBSD os OS2 OS390 osf OSF1 OSF_SOURCE
PARAGON parisc pa_risc PA_RISC1_1 PA_RISC2_0 pc532 pdp11 PGC PIC
plexus PORTAR posix POSIX1B_SOURCE POSIX2_SOURCE POSIX4_SOURCE
POSIX_C_SOURCE POSIX_SOURCE POWER powerpc ppc PROTOTYPES PWB pyr
QK_USER QNX
R3000 REENTRANT RES Rhapsody RISC6000 riscix riscos RT
S390 S390x SA110 SCO scs sequent sgi SGI_SOURCE SH SH3 sinix
SIZE_INT SIZE_LONG SIZE_PTR SOCKETS_SOURCE SOCKET_SOURCE sony
sonyrisc sony_news sparc sparclite sparcv8 sparcv9 spectrum
stardent
stdc STDC_EXT stratos sun sun3 sun386 Sun386i svr3 svr4
SVR4_2 SVR4_SOURCE svr5 SX system SYSTYPE_BSD SYSTYPE_BSD43
SYSTYPE_BSD44 SYSTYPE_SVR4 SYSTYPE_SVR5 SYSTYPE_SYSV SYSV SYSV3
SYSV4 SYSV5 sysV68 sysV88
Tek4132 Tek4300 thumb thw_370 thw_intel thw_rs6000 titan TM3200
TM5400 TM5600 tower tower32 tower32_200 tower32_600 tower32_700
tower32_800 tower32_850 tss
u370 u3b u3b2 u3b20 u3b200 u3b20d u3b5 ultrix UMAXV UnicomPBB

```
UnicomPBD UNICOS UNICOSMK unix UNIX95 UNIX99 unixpc unos USE_BSD
USE_FILE_OFFSET64 USE_GNU USE_ISOC9X USE_LARGEFILE
USE_LARGEFILE64 USE_MISC USE_POSIX USE_POSIX199309
USE_POSIX199506 USE_POSIX2 USE_REENTRANT USE_SVID USE_UNIX98
USE_XOPEN USE_XOPEN_EXTENDED USGr4 USGr4_2 UTek Utek UTS UWIN
uxpm uxps
vax venix VMESA vms
x86_64 xenix Xenix286 XOPEN_SOURCE XOPEN_SOURCE_EXTENDED XPG2
XPG2_EXTENDED XPG3 XPG3_EXTENDED XPG4 XPG4_EXTENDED
z8000 zarch
EOSH
# Maybe put other stuff here too.
?X:Some OS's will have a dash in their $osname
?X:e.g. Android is known as linux-android
?X:The
 preprocessor will interpret the dash as a minus
./tr '-' '_' <<EOSH >>Cppsym.know
$osname
EOSH
./tr '[a-z]' '[A-Z]' < Cppsym.know > Cppsym.a
./tr '[A-Z]' '[a-z]' < Cppsym.know > Cppsym.b
$cat Cppsym.know > Cppsym.c
$cat Cppsym.a Cppsym.b Cppsym.c | $tr ' ' $trnl | $sort | $uniq > Cppsym.know
$rm -f Cppsym.a Cppsym.b Cppsym.c
cat <<EOSH > Cppsym
$startsh
if $test \$# -gt 0; then
   echo \$* | $tr " " "$trnl" | ./Cppsym.try > Cppsym.got
   if $test -s Cppsym.got; then
 $rm -f Cppsym.got
 exit 0
   fi
   $rm -f Cppsym.got
   exit 1
else
   $tr " " "$trnl" | ./Cppsym.try
   exit 0
fi
EOSH
chmod +x Cppsym
$eunicefix Cppsym
?X: The below awk script will die a horrible death if
?X: some of the tested symbols are not long ints.
?X: Also, we do not make difference between just defined and defined zero.
cat <<EOSH > Cppsym.try
$startsh
cat <<'EOCP' > try.c
#include <stdio.h>
```

```
#if cpp_stuff == 1
#define STRINGIFY(a)    "a"
#endif
#if cpp_stuff == 42
#define StGiFy(a)  #a
#define STRINGIFY(a)
    StGiFy(a)
#endif
#if $cpp_stuff != 1 && $cpp_stuff != 42
#   include "Bletch: How does this C preprocessor stringify macros?"
#endif
int main() {
EOCP
?X: The length($1) command guards against possible empty entries.
?X: The awk snippet is know to give heartburn to UNICOS/mk awk.
$awk \\
EOSH
cat <<'EOSH' >> Cppsym.try
'length($1) > 0 {
   printf "#ifdef %s\nprintf(\"%s=%%s\\n\", STRINGIFY(%s));\n#endif\n", $1, $1, $1
   printf "#ifdef _%s\nprintf(\"_%s=%%s\\n\", STRINGIFY(_%s));\n#endif\n", $1, $1, $1
   printf "#ifdef __%s\nprintf(\"__%s=%%s\\n\", STRINGIFY(__%s));\n#endif\n", $1, $1, $1
   printf "#ifdef __%s__\nprintf(\"__%s__=%%s\\n\", STRINGIFY(__%s__));\n#endif\n", $1, $1, $1
}' >> try.c
echo 'return 0;}' >> try.c
EOSH
cat <<EOSH >> Cppsym.try
ccflags="$ccflags"
case "$osname-$gccversion" in
irix-) ccflags="\$ccflags -woff 1178" ;;
os2-*) ccflags="\$ccflags -Zlinker /PM:VIO" ;;
esac
$cc -o try -Dcpp_stuff=$cpp_stuff $optimize \$ccflags $ldflags try.c $libs 2>/dev/null
 && $run ./try | $sed 's/ /\\\\ /g'
EOSH
chmod +x Cppsym.try
$eunicefix Cppsym.try
./Cppsym < Cppsym.know | $sort | $uniq > Cppsym.true
: Add in any Linux cpp "predefined macros":
case "$osname::$gccversion" in
 *linux*::*.*|*gnukfreebsd*::*.*|gnu::*.*)
   tHdrH=_tmpHdr
   rm -f $tHdrH'.h' $tHdrH
   touch $tHdrH'.h'
   # Filter out macro arguments, such as Linux's __INT8_C(c)
   if $cpp -dM $tHdrH'.h' > $tHdrH'_cppsym.h' && [ -s $tHdrH'_cppsym.h' ]; then
      sed -e 's/#define[\ \  ]*//;s/[\ \     ].*$//' -e 's/(.*//' <$tHdrH'_cppsym.h' >$tHdrH'_cppsym.real'
      if [ -s $tHdrH'_cppsym.real' ]; then
```

```
   cat $tHdrH'_cppsym.real' Cppsym.know | sort | uniq | ./Cppsym | sort | uniq > Cppsym.true
      fi
   fi
   rm -f $tHdrH'.h' $tHdrH'_cppsym.h' $tHdrH'_cppsym.real'
 ;;
esac
: now check the C compiler for additional symbols
?X: suggested by Jarkko Hietaniemi <jhi@snakemail.hut.fi>, thanks!
postprocess_cc_v="
case "$osname" in
aix) postprocess_cc_v="|$tr , ' '" ;;
esac
$cat
 >ccsym <<EOS
$startsh
$cat >tmp.c <<EOF
extern int foo;
EOF
for i in \`$cc -v -c tmp.c 2>&1 $postprocess_cc_v\`
do
 case "\$i" in
 -D*) echo "\$i" | $sed 's/^-D//';;
 -A*) $test "$gccversion" && echo "\$i" | $sed 's/^-A//' | $sed 's/\(.*\)(\(.*\))/\1=\2/';;
 esac
done
$rm_try
EOS
postprocess_cc_v="
chmod +x ccsym
$eunicefix ccsym
./ccsym > ccsym1.raw
?X: AIX complains if $uniq is passed an empty file.  ($sort apparently
?X: doesn't care.)  --AD  14 July 1998
if $test -s ccsym1.raw; then
   $sort ccsym1.raw | $uniq >ccsym.raw
else
   mv ccsym1.raw ccsym.raw
fi

?X: canonicalize symbols for easier sort/uniq/comm usage: append =1 if no = sign
?X: the awk script must be on two lines for older awk programs, sigh! -- ADO
$awk '/\=/ { print $0; next }
 { print $0"=1" }' ccsym.raw >ccsym.list
$comm -13 Cppsym.true ccsym.list >ccsym.own
$comm -12 Cppsym.true ccsym.list >ccsym.com
$comm -23 Cppsym.true ccsym.list >ccsym.cpp
also="
if $test -z ccsym.raw; then
```

```
 echo "Your C compiler doesn't
 seem to define any symbols!" >&4
 echo " "
 echo "However, your C preprocessor defines the following symbols:"
 $cat Cppsym.true
 ccsymbols=''
 cppsymbols=`$cat Cppsym.true`
 cppsymbols=`echo $cppsymbols`
 cppccsymbols="$cppsymbols"
else
 if $test -s ccsym.com; then
  echo "Your C compiler and pre-processor define these symbols:"
  $sed -e 's/\(..*\)=.*/\1/' ccsym.com
  also='also '
  symbols='ones'
  cppccsymbols=`$cat ccsym.com`
  cppccsymbols=`echo $cppccsymbols`
  $test "$silent" || sleep 1
 fi
 if $test -s ccsym.cpp; then
  $test "$also" && echo " "
  echo "Your C pre-processor ${also}defines the following symbols:"
  $sed -e 's/\(..*\)=.*/\1/' ccsym.cpp
  also='further '
  cppsymbols=`$cat ccsym.cpp`
  cppsymbols=`echo $cppsymbols`
  $test "$silent" || sleep 1
 fi
 if $test -s ccsym.own; then
  $test "$also" && echo " "
  echo "Your C compiler ${also}defines the following cpp symbols:"
  $sed -e 's/\(..*\)=1/\1/' ccsym.own
  $sed -e 's/\(..*\)=.*/\1/' ccsym.own | $uniq >>Cppsym.true
  ccsymbols=`$cat
 ccsym.own`
  ccsymbols=`echo $ccsymbols`
  $test "$silent" || sleep 1
 fi
fi

: add -D_FORTIFY_SOURCE if feasible and not already there
case "$gccversion" in
[456789].*) case "$optimize$ccflags" in
 *-O*) case "$ccflags$cppsymbols" in
  *_FORTIFY_SOURCE=*) # Don't add it again.
   echo "You seem to have -D_FORTIFY_SOURCE already, not adding it." >&4
   ;;
  *) echo "Adding -D_FORTIFY_SOURCE=2 to ccflags..." >&4
```

```
  ccflags="$ccflags -D_FORTIFY_SOURCE=2"
  ;;
 esac
 ;;
 *) echo "You have gcc 4.* or later but not optimizing, not adding -D_FORTIFY_SOURCE." >&4
 ;;
 esac
 ;;
*) echo "You seem not to have gcc 4.* or later, not adding -D_FORTIFY_SOURCE." >&4
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Cppsym.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_socket.U,v 3.0.1.2 1997/02/28 15:46:00 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_socket.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  15:46:00  ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS:
?RCS: Revision 3.0.1.1  1994/01/24  14:08:04  ram
?RCS: patch16: can now safely declare private nm_extract in dependencies
?RCS:
?RCS: Revision 3.0  1993/08/18  12:07:26  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_socket d_oldsock d_sockpair socketlib sockethdr \
 d_msg_ctrunc d_msg_dontroute d_msg_oob d_msg_peek
 d_msg_proxy \
 d_scm_rights d_sockaddr_sa_len d_sockaddr_in6 d_sin6_scope_id \
 d_ip_mreq d_ip_mreq_source d_ipv6_mreq d_ipv6_mreq_source: \
 contains echo n c ar nm nm_opt nm_extract Inlibc Csym _a \
 Compile cat rm_try Setvar Hasfield sysroot
?MAKE: -pick add $@ %<
?S:d_socket:
?S: This variable conditionally defines HAS_SOCKET, which indicates
?S: that the BSD socket interface is supported.
```

```
?S:.
?S:d_sockpair:
?S: This variable conditionally defines the HAS_SOCKETPAIR symbol, which
?S: indicates that the BSD socketpair() is supported.
?S:.
?S:d_oldsock:
?S: This variable conditionally defines the OLDSOCKET symbol, which
?S: indicates that the BSD socket interface is based on 4.1c and not 4.2.
?S:.
?S:d_msg_ctrunc:
?S: This variable conditionally defines the HAS_MSG_CTRUNC symbol,
?S: which indicates that the MSG_CTRUNC is available.  #ifdef is
?S: not enough because it may be an enum, glibc has been known to do this.
?S:.
?S:d_msg_dontroute:
?S: This variable conditionally defines
 the HAS_MSG_DONTROUTE symbol,
?S: which indicates that the MSG_DONTROUTE is available.  #ifdef is
?S: not enough because it may be an enum, glibc has been known to do this.
?S:.
?S:d_msg_oob:
?S: This variable conditionally defines the HAS_MSG_OOB symbol,
?S: which indicates that the MSG_OOB is available.  #ifdef is
?S: not enough because it may be an enum, glibc has been known to do this.
?S:.
?S:d_msg_peek:
?S: This variable conditionally defines the HAS_MSG_PEEK symbol,
?S: which indicates that the MSG_PEEK is available.  #ifdef is
?S: not enough because it may be an enum, glibc has been known to do this.
?S:.
?S:d_msg_proxy:
?S: This variable conditionally defines the HAS_MSG_PROXY symbol,
?S: which indicates that the MSG_PROXY is available.  #ifdef is
?S: not enough because it may be an enum, glibc has been known to do this.
?S:.
?S:d_scm_rights:
?S: This variable conditionally defines the HAS_SCM_RIGHTS symbol,
?S: which indicates that the SCM_RIGHTS is available.  #ifdef is
?S: not
 enough because it may be an enum, glibc has been known to do this.
?S:.
?S:d_sockaddr_sa_len:
?S: This variable conditionally defines the HAS_SOCKADDR_SA_LEN symbol,
?S: which indicates that a struct sockaddr structure has the sa_len
?S: member.
?S:.
?S:d_sockaddr_in6:
?S: This variable conditionally defines the HAS_SOCKADDR_IN6 symbol, which
```

```
?S: indicates the availability of a struct sockaddr_in6.
?S:.
?S:d_sin6_scope_id:
?S: This variable conditionally defines the HAS_SIN6_SCOPE_ID symbol, which
?S: indicates that a struct sockaddr_in6 structure has the sin6_scope_id
?S: member.
?S:.
?S:d_ip_mreq:
?S: This variable conditionally defines the HAS_IP_MREQ symbol, which
?S: indicates the availability of a struct ip_mreq.
?S:.
?S:d_ip_mreq_source:
?S: This variable conditionally defines the HAS_IP_MREQ_SOURCE symbol,
?S: which indicates the availability of a struct ip_mreq_source.
?S:.
?S:d_ipv6_mreq:
?S: This variable conditionally defines the HAS_IPV6_MREQ symbol, which
?S: indicates
 the availability of a struct ipv6_mreq.
?S:.
?S:d_ipv6_mreq_source:
?S: This variable conditionally defines the HAS_IPV6_MREQ_SOURCE symbol,
?S: which indicates the availability of a struct ipv6_mreq_source.
?S:.
?S:socketlib:
?S: This variable has the names of any libraries needed for socket support.
?S:.
?S:sockethdr:
?S: This variable has any cpp '-I' flags needed for socket support.
?S:.
?C:HAS_SOCKET (SOCKET):
?C: This symbol, if defined, indicates that the BSD socket interface is
?C: supported.
?C:.
?C:HAS_SOCKETPAIR (SOCKETPAIR):
?C: This symbol, if defined, indicates that the BSD socketpair() call is
?C: supported.
?C:.
?C:USE_OLDSOCKET (OLDSOCKET):
?C: This symbol, if defined, indicates that the 4.1c BSD socket interface
?C: is supported instead of the 4.2/4.3 BSD socket interface. For instance,
?C: there is no setsockopt() call.
?C:.
?C:HAS_MSG_CTRUNC:
?C: This symbol, if defined, indicates that the MSG_CTRUNC is supported.
?C: Checking just with #ifdef might not be enough
 because this symbol
?C: has been known to be an enum.
```

```
?C:.
?C:HAS_MSG_DONTROUTE:
?C: This symbol, if defined, indicates that the MSG_DONTROUTE is supported.
?C: Checking just with #ifdef might not be enough because this symbol
?C: has been known to be an enum.
?C:.
?C:HAS_MSG_OOB:
?C: This symbol, if defined, indicates that the MSG_OOB is supported.
?C: Checking just with #ifdef might not be enough because this symbol
?C: has been known to be an enum.
?C:.
?C:HAS_MSG_PEEK:
?C: This symbol, if defined, indicates that the MSG_PEEK is supported.
?C: Checking just with #ifdef might not be enough because this symbol
?C: has been known to be an enum.
?C:.
?C:HAS_MSG_PROXY:
?C: This symbol, if defined, indicates that the MSG_PROXY is supported.
?C: Checking just with #ifdef might not be enough because this symbol
?C: has been known to be an enum.
?C:.
?C:HAS_SCM_RIGHTS:
?C: This symbol, if defined, indicates that the SCM_RIGHTS is supported.
?C: Checking just with #ifdef might not be enough
 because this symbol
?C: has been known to be an enum.
?C:.
?C:HAS_SOCKADDR_SA_LEN:
?C: This symbol, if defined, indicates that the struct sockaddr
?C: structure has a member called sa_len, indicating the length of
?C: the structure.
?C:.
?C:HAS_SOCKADDR_IN6:
?C: This symbol, if defined, indicates the availability of
?C: struct sockaddr_in6;
?C:.
?C:HAS_SIN6_SCOPE_ID:
?C: This symbol, if defined, indicates that the struct sockaddr_in6
?C: structure has a member called sin6_scope_id.
?C:.
?C:HAS_IP_MREQ:
?C: This symbol, if defined, indicates the availability of
?C: struct ip_mreq;
?C:.
?C:HAS_IP_MREQ_SOURCE:
?C: This symbol, if defined, indicates the availability of
?C: struct ip_mreq_source;
?C:.
```

```
?C:HAS_IPV6_MREQ:
?C: This symbol, if defined, indicates the availability of
?C: struct ipv6_mreq;
?C:.
?C:HAS_IPV6_MREQ_SOURCE:
?C: This symbol, if defined, indicates the availability of
?C: struct ipv6_mreq_source;
?C:.
?H:#$d_socket HAS_SOCKET  /**/
?H:#$d_sockpair HAS_SOCKETPAIR /**/
?H:#$d_sockaddr_sa_len HAS_SOCKADDR_SA_LEN /**/
?H:#$d_oldsock USE_OLDSOCKET /**/
?H:#$d_msg_ctrunc HAS_MSG_CTRUNC /**/
?H:#$d_msg_dontroute HAS_MSG_DONTROUTE /**/
?H:#$d_msg_oob HAS_MSG_OOB /**/
?H:#$d_msg_peek HAS_MSG_PEEK /**/
?H:#$d_msg_proxy HAS_MSG_PROXY /**/
?H:#$d_scm_rights HAS_SCM_RIGHTS /**/
?H:#$d_sockaddr_in6 HAS_SOCKADDR_IN6 /**/
?H:#$d_sin6_scope_id HAS_SIN6_SCOPE_ID /**/
?H:#$d_ip_mreq HAS_IP_MREQ /**/
?H:#$d_ip_mreq_source HAS_IP_MREQ_SOURCE /**/
?H:#$d_ipv6_mreq HAS_IPV6_MREQ /**/
?H:#$d_ipv6_mreq_source HAS_IPV6_MREQ_SOURCE /**/
?H:.
?T:val
 net ENUM enum
?LINT:set d_sockpair d_sockaddr_sa_len
?LINT:set d_msg_ctrunc d_msg_dontroute d_msg_oob d_msg_peek d_msg_proxy
?LINT:set d_scm_rights d_sockaddr_in6 d_sin6_scope_id d_ip_mreq
?LINT:set d_ip_mreq_source d_ipv6_mreq d_ipv6_mreq_source
: see whether socket exists
socketlib="
sockethdr="
echo " "
$echo $n "Hmm... $c" >&4
if set socket val -f d_socket; eval $csym; $val; then
   echo "Looks like you have Berkeley networking
 support." >&4
   d_socket="$define"
?X: now check for advanced features
   if set setsockopt val -f; eval $csym; $val; then
 d_oldsock="$undef"
   else
 echo "...but it uses the old BSD 4.1c interface, rather than 4.2." >&4
 d_oldsock="$define"
   fi
else
```

```
?X: HP-UX, for one, puts all the socket stuff in socklib.o. Note that if we
?X: come here on HP-UX, then we must have used nm to get symbols, or we really
?X: don't have sockets anyway...
  if $contains socklib libc.list >/dev/null 2>&1; then
echo "Looks like you have Berkeley networking support." >&4
d_socket="$define"
: we will have to assume that it supports the 4.2 BSD interface
d_oldsock="$undef"
  else
echo "You don't have Berkeley networking in libc$_a..." >&4
?X: look for optional networking libraries
if test "X$d_socket" = "X$define"; then
    echo "...but you seem to believe that you have sockets." >&4
else
    for net in net socket
    do
 if test -f $sysroot/usr/lib/lib$net$_a; then
?X: space between two
 '(' needed for ksh
     ( ($nm $nm_opt $sysroot/usr/lib/lib$net$_a | eval $nm_extract) ||  \
     $ar t $sysroot/usr/lib/lib$net$_a) 2>/dev/null >> libc.list
     if $contains socket libc.list >/dev/null 2>&1; then
  d_socket="$define"
  socketlib="-l$net"
  case "$net" in
  net)
      echo "...but the Wollongong group seems to have hacked it in." >&4
      sockethdr="-I$sysroot/usr/netinclude"
      ;;
  esac
  echo "Found Berkeley sockets interface in lib$net." >&4
?X: now check for advanced features
  if $contains setsockopt libc.list >/dev/null 2>&1; then
      d_oldsock="$undef"
  else
      echo "...using the old BSD 4.1c interface, rather than 4.2." >&4
      d_oldsock="$define"
  fi
  break
     fi
 fi
    done
    if test "X$d_socket" != "X$define"; then
       echo "or anywhere else I see." >&4
       d_socket="$undef"
       d_oldsock="$undef"
    fi
fi
```

```
   fi
fi

@if HAS_SOCKETPAIR || d_sockpair
: see if socketpair exists
set socketpair d_sockpair
eval
 $inlibc

@end

echo " "
?X: ...
echo "Checking the availability sa_len in the sock struct ..." >&4
$cat >try.c <<EOF
#include <sys/types.h>
#include <sys/socket.h>
int main() {
struct sockaddr sa;
return (sa.sa_len);
}
EOF
val="$undef"
set try; if eval $compile; then
   val="$define"
fi
set d_sockaddr_sa_len; eval $setvar
$rm_try

echo " "
?X: ...
echo "Checking the availability struct sockaddr_in6 ..." >&4
$cat >try.c <<EOF
#include <sys/types.h>
#include <sys/socket.h>
#include <netinet/in.h>
int main() {
struct sockaddr_in6 sin6;
return (sin6.sin6_family);
}
EOF
val="$undef"
set try; if eval $compile; then
   val="$define"
fi
set d_sockaddr_in6; eval $setvar
$rm_try
```

```
echo " "
?X: ...
echo "Checking the availability sin6_scope_id in struct sockaddr_in6 ..." >&4
$cat >try.c <<EOF
#include <sys/types.h>
#include <sys/socket.h>
#include <netinet/in.h>
int main() {
struct sockaddr_in6 sin6;
return (sin6.sin6_scope_id);
}
EOF
val="$undef"
set try; if eval $compile; then
   val="$define"
fi
set
 d_sin6_scope_id; eval $setvar
$rm_try

echo " "
?X: ...
echo "Checking the availability struct ip_mreq ..." >&4
$cat >try.c <<EOF
#include <sys/types.h>
#include <sys/socket.h>
#include <netinet/in.h>
int main() {
struct ip_mreq mreq;
return (mreq.imr_multiaddr.s_addr);
}
EOF
val="$undef"
set try; if eval $compile; then
      val="$define"
fi
set d_ip_mreq; eval $setvar
$rm_try

echo " "
?X: ...
echo "Checking the availability struct ip_mreq_source ..." >&4
$cat >try.c <<EOF
#include <sys/types.h>
#include <sys/socket.h>
#include <netinet/in.h>
int main() {
struct ip_mreq_source mreq;
```

```
return (mreq.imr_multiaddr.s_addr);
}
EOF
val="$undef"
set try; if eval $compile; then
	val="$define"
fi
set d_ip_mreq_source; eval $setvar
$rm_try

echo " "
?X: ...
echo "Checking the availability struct ipv6_mreq ..." >&4
$cat >try.c <<EOF
#include <sys/types.h>
#include <sys/socket.h>
#include <netinet/in.h>
int main() {
struct ipv6_mreq mreq;
return (mreq.ipv6mr_interface);
}
EOF
val="$undef"
set
 try; if eval $compile; then
   val="$define"
fi
set d_ipv6_mreq; eval $setvar
$rm_try

echo " "
?X: ...
echo "Checking the availability struct ipv6_mreq_source ..." >&4
$cat >try.c <<EOF
#include <sys/types.h>
#include <sys/socket.h>
#include <netinet/in.h>
int main() {
struct ipv6_mreq_source mreq;
return (mreq.imr_multiaddr.s_addr);
}
EOF
val="$undef"
set try; if eval $compile; then
	val="$define"
fi
set d_ipv6_mreq_source; eval $setvar
$rm_try
```

```
echo " "
?X: these constants are known to be troublesomely defined as enums
?X: so that ifdef will not work for detecting their presence.
echo "Checking the availability of certain socket constants..." >&4
for ENUM in MSG_CTRUNC MSG_DONTROUTE MSG_OOB MSG_PEEK MSG_PROXY SCM_RIGHTS; do
   enum=`$echo $ENUM|./tr '[A-Z]' '[a-z]'`
   $cat >try.c <<EOF
#include <sys/types.h>
#include <sys/socket.h>
int main() {
   int i = $ENUM;
}
EOF
   val="$undef"
   set try; if eval $compile; then
 val="$define"
   fi
   set d_${enum};
 eval $setvar
   $rm_try
done
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_socket.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_shadow.U,v $
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_prot: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_prot:
?S: This variable conditionally defines the I_PROT symbol, and indicates
?S: whether a C program should include <prot.h>.
?S:.
?C:I_PROT:
?C: This symbol, if defined, indicates that <prot.h> exists and
?C: should be included.
?C:.
?H:#$i_prot I_PROT  /**/
?H:.
?LINT:set i_prot
```

```
: see if this is a prot.h system
set prot.h i_prot
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_prot.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_systimes.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_systimes.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:39  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_systimes: Inhdr
?MAKE: -pick add $@ %<
?S:i_systimes:
?S: This variable conditionally defines the I_SYS_TIMES symbol, and indicates
?S: whether a C program should include <sys/times.h>.
?S:.
?C:I_SYS_TIMES (I_SYSTIMES):
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/times.h>.
?C:.
?H:#$i_systimes I_SYS_TIMES  /**/
?H:.
?LINT:set
 i_systimes
: see if this is a sys/times.h system
set sys/times.h i_systimes
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_systimes.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
```

```
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_atoll: Inlibc
?MAKE: -pick add $@ %<
?S:d_atoll:
?S: This variable conditionally defines the HAS_ATOLL symbol, which
?S: indicates to the C program that the atoll() routine is available.
?S:.
?C:HAS_ATOLL:
?C: This symbol, if defined, indicates that the atoll routine is
?C: available to convert strings into long longs.
?C:.
?H:#$d_atoll HAS_ATOLL  /**/
?H:.
?LINT:set d_atoll
: see if atoll exists
set atoll d_atoll
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/atoll.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_strtod.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1996, Andy Dougherty
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_strtod.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  15:46:36  ram
?RCS: patch61: created
?RCS:
?RCS:
?MAKE:d_strtod: Inlibc
?MAKE: -pick add $@ %<
?S:d_strtod:
?S: This variable conditionally defines the HAS_STRTOD symbol, which
?S: indicates to the C program that the strtod() routine is available
```

```
?S: to provide better numeric string conversion than atof().
?S:.
?C:HAS_STRTOD (STRTOD):
?C: This symbol, if defined,
 indicates that the strtod routine is
?C: available to provide better numeric string conversion than atof().
?C:.
?H:#$d_strtod HAS_STRTOD /**/
?H:.
?LINT:set d_strtod
: see if strtod exists
set strtod d_strtod
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strtod.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: inc.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: inc.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:51  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:inc incexp: Loc Oldconfig Getfile usrinc
?MAKE: -pick add $@ %<
?S:inc:
?S: This variable holds the name of the directory in which the user wants
?S: to put public header files for the package in question.  It is most
?S: often a local directory such as /usr/local/include.
?S:.
?S:incexp:
?S: This is the same as the inc variable, but is filename
 expaned
?S: at configuration time for convenient use in your makefiles.
?S:.
: determine where public header files go
case "$inc" in
")
```

```
 dflt=`./loc . "." /usr/local/include /usr/include/local $usrinc`
 ;;
*)  dflt="$inc"
 ;;
esac
fn=d~
rp='Where do you want to put the public header files?'
. ./getfile
inc="$ans"
incexp="$ansexp"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/inc.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2009 H.Merijn Brand
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_inetpton: Inlibc
?MAKE: -pick add $@ %<
?S:d_inetpton:
?S: This variable conditionally defines the HAS_INETPTON symbol,
?S: which indicates to the C program that the inet_pton() function
?S: is available.
?S:.
?C:HAS_INETPTON:
?C: This symbol, if defined, indicates that the inet_pton() function
?C: is available to parse IPv4 and IPv6 strings.
?C:.
?H:#$d_inetpton HAS_INETPTON  /**/
?H:.
?LINT:set d_inetpton
: see if inet_pton exists
set inet_pton d_inetpton
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_inetpton.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_dup2.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_dup2.U,v $
?RCS: Revision 3.0  1993/08/18  12:05:56  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_dup2: Inlibc
?MAKE: -pick add $@ %<
?S:d_dup2:
?S: This variable conditionally defines HAS_DUP2 if dup2() is
?S: available to duplicate file descriptors.
?S:.
?C:HAS_DUP2 (DUP2):
?C: This symbol, if defined, indicates that the dup2 routine is
?C: available to duplicate file descriptors.
?C:.
?H:#$d_dup2 HAS_DUP2 /**/
?H:.
?LINT:set d_dup2
:
 see if dup2 exists
set dup2 d_dup2
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_dup2.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Signal.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Signal.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  15:20:01  ram
?RCS: patch61: created
```

```
?RCS:
?X:
?X: This unit produces three files:
?X: 1- A signal.c file, which, when compiled and run, produces an output like:
?X:
?X:   HUP 1
?X:   INT 2
?X:   QUIT 3
?X:   etc...
?X:
?X: 2- A signal.awk script to parse the output of signal.c, fill
?X: in gaps (up to NSIG) and move duplicates to the end.
?X: 3- A signal_cmd script to compile signal.c and run it
?X: through
 sort -n -k 2 | uniq | awk -f signal.awk.
?X: (we try also sort -n +1 since some old hosts don't grok sort -k)
?X: (This is called signal_cmd to avoid OS/2 confusion with
?X: signal.cmd vs. signal.
?X: The signal_cmd script also falls back on checking signals one at a
?X: time in case the signal.c program fails.  On at least one version of
?X: Linux 2.1.x, the header file #define'd SIGRTMAX to a symbol that
?X: is not defined by the compiler/linker. :-(.  Further, on that same
?X: version of Linux, the user had a defective C-shell that gave an
?X: incorrect list for kill -l, so the fall-back didn't work.
?X:
?X: This unit is then used by sig_name.U.
?X:
?MAKE:Signal: test tr rm awk cat grep startsh eunicefix sed sort uniq \
 Findhdr cppstdin +cppflags cppminus Compile _o _exe trnl run i_stdlib \
 sysroot
?MAKE: -pick add $@ %<
?X:all files declared as "public" since they're used from other units
?F:signal.c signal_cmd signal.lst signal signal.awk
?T: xx xxx xxxfiles
?LINT:use rm run
 _o _exe
?LINT:extern sig_num_init
: Trace out the files included by signal.h, then look for SIGxxx names.
?X: Remove SIGARRAYSIZE used by HPUX.
?X: Remove SIGSTKSIZE used by Linux.
?X: Remove SIGSTKSZ used by POSIX.
?X: Remove SIGTYP void lines used by OS2.
?X: Some cpps, like os390, do not give the file name anywhere
case "$sig_num_init" in
")
if [ "X$fieldn" = X ]; then
 : Just make some guesses.  We check them later.
 xxx="$sysroot/usr/include/signal.h $sysroot/usr/include/sys/signal.h"
```

```
else
 xxx=`echo '#include <signal.h>' |
 $cppstdin $cppminus $cppflags 2>/dev/null |
 $grep '^[  ]*#.*include' |
 $awk "{print \\$$fieldn}" | $sed 's!"!!g' |\
  $sed 's!\\\\\\\\!/!g' | $sort | $uniq`
fi
?X: Check this list of files to be sure we have parsed the cpp output ok.
?X: This will also avoid potentially non-existent files, such
?X: as ../foo/bar.h
xxxfiles="
?X: Add /dev/null in case the $xxx list is empty.
for xx in $xxx /dev/null ; do
 $test -f "$xx" && xxxfiles="$xxxfiles $xx"
done
?X:
 If we have found no files, at least try signal.h
case "$xxxfiles" in
") xxxfiles=`./findhdr signal.h` ;;
esac
xxx=`awk '
$1 ~ /^#define$/ && $2 ~ /^SIG[A-Z0-9]*$/ && $2 !~ /SIGARRAYSIZE/ && $2 !~ /SIGSTKSIZE/ && $2 !~
/SIGSTKSZ/ && $3 !~ /void/ {
 print substr($2, 4, 20)
}
$1 == "#" && $2 ~ /^define$/ && $3 ~ /^SIG[A-Z0-9]*$/ && $3 !~ /SIGARRAYSIZE/ && $4 !~ /void/ {
 print substr($3, 4, 20)
}' $xxxfiles`
: Append some common names just in case the awk scan failed.
xxx="$xxx ABRT ALRM BUS CANCEL CHLD CLD CONT DIL EMT FPE"
xxx="$xxx FREEZE HUP ILL INT IO IOT KILL LOST LWP PHONE"
xxx="$xxx PIPE POLL PROF PWR QUIT RTMAX RTMIN SEGV STKFLT STOP"
xxx="$xxx SYS TERM THAW TRAP TSTP TTIN TTOU URG USR1 USR2"
xxx="$xxx USR3 USR4 VTALRM WAITING WINCH WIND WINDOW XCPU XFSZ"

: generate a few handy files for later
$cat > signal.c <<EOCP
#include <sys/types.h>
#include <signal.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#include <stdio.h>
int main() {

/* Strange style to avoid
```

```
 deeply-nested #if/#else/#endif */
#ifndef NSIG
#  ifdef _NSIG
#    define NSIG (_NSIG)
#  endif
#endif

#ifndef NSIG
#  ifdef SIGMAX
#    define NSIG (SIGMAX+1)
#  endif
#endif

#ifndef NSIG
#  ifdef SIG_MAX
#    define NSIG (SIG_MAX+1)
#  endif
#endif

#ifndef NSIG
#  ifdef _SIG_MAX
#    define NSIG (_SIG_MAX+1)
#  endif
#endif

#ifndef NSIG
#  ifdef MAXSIG
#    define NSIG (MAXSIG+1)
#  endif
#endif

#ifndef NSIG
#  ifdef MAX_SIG
#    define NSIG (MAX_SIG+1)
#  endif
#endif

#ifndef NSIG
#  ifdef SIGARRAYSIZE
#    define NSIG SIGARRAYSIZE /* Assume ary[SIGARRAYSIZE] */
#  endif
#endif

#ifndef NSIG
#  ifdef _sys_nsig
#    define NSIG (_sys_nsig) /* Solaris 2.5 */
#  endif
#endif
```

```
/* Default to some arbitrary number that's big enough to get most
  of the common signals.
*/
#ifndef NSIG
#    define NSIG 50
#endif

printf("NSIG %d\n", NSIG);

#ifndef JUST_NSIG

EOCP

echo $xxx | $tr ' ' $trnl | $sort | $uniq | $awk '
{
 printf "#ifdef SIG"; printf $1; printf "\n"
 printf "printf(\"";
 printf $1; printf " %%d\\n\",SIG";
 printf $1; printf ");\n"
 printf "#endif\n"
}
END {
 printf "#endif /* JUST_NSIG */\n";
 printf "exit(0);\n}\n";
}
' >>signal.c
$cat >signal.awk <<'EOP'
BEGIN { ndups = 0 }
$1 ~ /^NSIG$/ { nsig = $2 }
($1 !~ /^NSIG$/) && (NF == 2) && ($2 ~ /^[0-9][0-9]*$/) {
   if ($2 > maxsig) { maxsig = $2 }
   if (sig_name[$2]) {
 dup_name[ndups] = $1
 dup_num[ndups] = $2
 ndups++
   }
   else {
 sig_name[$2] = $1
 sig_num[$2] = $2
   }
}
END {
   if (nsig == 0) {
    nsig = maxsig + 1
   }
   printf("NSIG %d\n", nsig);
   for (n = 1; n < nsig; n++) {
```

```
 if (sig_name[n]) {
     printf("%s %d\n", sig_name[n], sig_num[n])
 }
 else {
     printf("NUM%d %d\n", n, n)
 }
   }
   for (n = 0; n < ndups; n++) {
 printf("%s %d\n", dup_name[n], dup_num[n])
   }
}
EOP
$cat >signal_cmd <<EOS
$startsh
if $test -s signal.lst; then
   echo "Using your existing signal.lst file"
 exit 0
fi
xxx="$xxx"
EOS
?X: Avoid variable interpolation problems, especially with
?X:
 xxx, which contains newlines.
$cat >>signal_cmd <<'EOS'

set signal
if eval $compile_ok; then
 $run ./signal$_exe | ($sort -n -k 2 2>/dev/null || $sort -n +1) |\
  $uniq | $awk -f signal.awk >signal.lst
else
 echo "(I can't seem be able to compile the whole test program)" >&4
 echo "(I'll try it in little pieces.)" >&4
 set signal -DJUST_NSIG
 if eval $compile_ok; then
  $run ./signal$_exe > signal.nsg
  $cat signal.nsg
 else
  echo "I can't seem to figure out how many signals you have." >&4
  echo "Guessing 50." >&4
  echo 'NSIG 50' > signal.nsg
 fi
 : Now look at all the signal names, one at a time.
 for xx in `echo $xxx | $tr ' ' $trnl | $sort | $uniq`; do
  $cat > signal.c <<EOCP
#include <sys/types.h>
#include <signal.h>
#include <stdio.h>
int main() {
```

```
printf("$xx %d\n", SIG${xx});
return 0;
}
EOCP
  set signal
  if eval $compile; then
   echo "SIG${xx} found."
   $run ./signal$_exe  >> signal.ls1
  else
   echo "SIG${xx} NOT found."
  fi
 done
 if $test -s signal.ls1; then
  $cat
 signal.nsg signal.ls1 |
   $sort -n | $uniq | $awk -f signal.awk >signal.lst
 fi

fi
if $test -s signal.lst; then
 :
else
 echo "(AAK! I can't compile the test programs -- Guessing)" >&4
 echo 'kill -l' >signal
 set X `csh -f <signal`
 $rm -f signal
 shift
 case $# in
 0) set HUP INT QUIT ILL TRAP ABRT EMT FPE KILL BUS SEGV SYS PIPE ALRM TERM;;
 esac
 echo $@ | $tr ' ' $trnl | \
     $awk '{ printf "%s %d\n", $1, ++s; }
    END { printf "NSIG %d\n", ++s }' >signal.lst
fi
$rm -f signal.c signal$_exe signal$_o signal.nsg signal.ls1
EOS
chmod a+x signal_cmd
$eunicefix signal_cmd
;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Signal.U
No license file was found, but licenses were detected in source scan.

?RCS: Id
?RCS:

```
?RCS: Copyright (c) 2003, Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_pthread_attr_setscope: Inlibc
?MAKE: -pick add $@ %<
?S:d_pthread_attr_setscope:
?S: This variable conditionally defines HAS_PTHREAD_ATTR_SETSCOPE if
?S: pthread_attr_setscope() is available to set the contention scope
?S: attribute of a thread attribute object.
?S:.
?C:HAS_PTHREAD_ATTR_SETSCOPE:
?C: This symbol, if defined, indicates that the pthread_attr_setscope
?C: system call is available to set the contention scope attribute of
?C: a thread attribute object.
?C:.
?H:#$d_pthread_attr_setscope HAS_PTHREAD_ATTR_SETSCOPE  /**/
?H:.
?LINT:set
 d_pthread_attr_setscope
: see if pthread_attr_setscope exists
set pthread_attr_setscope d_pthread_attr_setscope
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_pthread_attr_ss.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_gethent.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_gethent.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:09  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_gethent: Inlibc
```

```
?MAKE: -pick add $@ %<
?S:d_gethent:
?S: This variable conditionally defines HAS_GETHOSTENT if gethostent() is
?S: available to look up host names in some data base or another.
?S:.
?C:HAS_GETHOSTENT:
?C: This symbol, if defined, indicates that the gethostent() routine is
?C: available to look up host names in some
 data base or another.
?C:.
?H:#$d_gethent HAS_GETHOSTENT  /**/
?H:.
?LINT:set d_gethent
: see if gethostent exists
set gethostent d_gethent
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_gethent.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_malloc_size d_malloc_good_size: Inlibc
?MAKE: -pick add $@ %<
?S:d_malloc_size:
?S: This symbol, if defined, indicates that the malloc_size
?S: routine is available for use.
?S:.
?S:d_malloc_good_size:
?S: This symbol, if defined, indicates that the malloc_good_size
?S: routine is available for use.
?S:.
?C:HAS_MALLOC_SIZE:
?C: This symbol, if defined, indicates that the malloc_size
?C: routine is available for use.
?C:.
?H:#$d_malloc_size HAS_MALLOC_SIZE  /**/
?H:.
```

```
?C:HAS_MALLOC_GOOD_SIZE:
?C: This symbol, if defined,
 indicates that the malloc_good_size
?C: routine is available for use.
?C:.
?H:#$d_malloc_good_size HAS_MALLOC_GOOD_SIZE /**/
?H:.
?LINT:set d_malloc_size
?LINT:set d_malloc_good_size
: see if malloc_size exists
set malloc_size d_malloc_size
eval $inlibc

: see if malloc_size_good exists
set malloc_good_size d_malloc_good_size
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_malloc_size.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_fdclose: Inlibc
?MAKE: -pick add $@ %<
?S:d_fdclose:
?S: This variable conditionally defines the HAS_FDCLOSE symbol, which
?S: indicates to the C program that the fdclose() routine is available.
?S:.
?C:HAS_FDCLOSE:
?C: This symbol, if defined, indicates that the fdclose routine is
?C: available to free a FILE structure without closing the underlying
?C: file descriptor.  This function appeared in FreeBSD 10.2.
?C:.
?H:#$d_fdclose HAS_FDCLOSE  /**/
?H:.
?LINT:set d_fdclose
: see if fdclose exists
set fdclose d_fdclose
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fdclose.U
No license file was found, but licenses were detected in source scan.

```
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?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: libc.U,v $
?RCS: Revision 3.0.1.10  1997/02/28  15:56:48  ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS: patch61: added support for HPUX-10 nm output
?RCS:
?RCS: Revision 3.0.1.9  1995/07/25  14:11:56  ram
?RCS: patch56: now knows about OS/2 platforms
?RCS:
?RCS: Revision 3.0.1.8  1995/05/12  12:20:47  ram
?RCS: patch54: made sure only most recent version of shared lib is picked
?RCS: patch54: final "nm -p" check now uses xscan and xrun like everybody
?RCS: patch54: can now grok
 linux nm output with lead __IO (ADO)
?RCS: patch54: added support for linux ELF output, using 'W' for alias (ADO)
?RCS:
?RCS: Revision 3.0.1.7  1994/10/29  16:23:40  ram
?RCS: patch36: now looks for shared libraries before anything else (ADO)
?RCS: patch36: added new nm output format (ADO)
?RCS:
?RCS: Revision 3.0.1.6  1994/08/29  16:28:10  ram
?RCS: patch32: added I-type symbols for nm output parsing on Linux
?RCS:
?RCS: Revision 3.0.1.5  1994/06/20  07:03:24  ram
?RCS: patch30: checks are now presented by succession of if/elif
?RCS: patch30: uniformized checks for shared objects with new so symbol
?RCS:
?RCS: Revision 3.0.1.4  1994/05/06  15:06:33  ram
?RCS: patch23: added shared library knowledge (ADO and WED)
?RCS:
?RCS: Revision 3.0.1.3  1994/01/24  14:12:17  ram
?RCS: patch16: can now export nm_extract as an internal-use only variable
?RCS:
?RCS: Revision 3.0.1.2  1993/09/13  16:09:03  ram
?RCS: patch10: added special handling for Apollo systems (WAD)
?RCS:
?RCS: Revision 3.0.1.1
  1993/08/27  14:40:03  ram
?RCS: patch7: added entry for /usr/shlib/libc.so (OSF/1 machines)
```

```
?RCS:
?RCS: Revision 3.0  1993/08/18  12:08:57  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:libc libnames +nm_extract: echo n c rm test grep Getfile Myread \
 Oldconfig Loc sed libs incpath libpth ar runnm nm nm_opt nm_so_opt \
 contains xlibpth so osname trnl tr sort uniq _o _a
?MAKE: -pick add $@ %<
?S:libc:
?S: This variable contains the location of the C library.
?S:.
?S:libnames:
?S: The constructed list of library names.  Normally empty, but hint files
?S: may set this for later perusal by Configure.
?S:.
?S:nm_extract:
?S: This variable holds the name of the extraction command used to process
?S: the output of nm and yield the list of defined symbols. It is used
?S: internally by Configure.
?S:.
?T:thislib try libnames xxx xscan xrun thisname com tans file
?F:!libnames !libc.tmp !tmp.imp
?LINT:change nm_opt runnm
?INIT:libnames=''
: Figure out where the libc is located
case
 "$runnm" in
true)
?X: indentation is wrong on purpose--RAM
: get list of predefined functions in a handy place
echo " "
case "$libc" in
'') libc=unknown
 case "$libs" in
 *-lc_s*) libc=`./loc libc_s$_a $libc $libpth`
 esac
 ;;
esac
case "$libs" in
'') ;;
*)  for thislib in $libs; do
 case "$thislib" in
 -lc|-lc_s)
  : Handle C library specially below.
  ;;
 -l*)
  thislib=`echo $thislib | $sed -e 's/^-l//'`
  if try=`./loc lib$thislib.$so.'*' X $libpth`; $test -f "$try"; then
```

```
  :
  elif try=`./loc lib$thislib.$so X $libpth`; $test -f "$try"; then
  :
  elif try=`./loc lib$thislib$_a X $libpth`; $test -f "$try"; then
  :
  elif try=`./loc $thislib$_a X $libpth`; $test -f "$try"; then
  :
  elif try=`./loc lib$thislib X $libpth`; $test -f "$try"; then
  :
  elif try=`./loc $thislib X $libpth`; $test -f "$try"; then
  :
  elif try=`./loc Slib$thislib$_a X $xlibpth`; $test -f "$try"; then
  :
  else
   try=''
  fi
  libnames="$libnames $try"
  ;;
 *) libnames="$libnames $thislib"
 ;;
 esac
 done
 ;;
esac
?X:
?X: Some systems (e.g. DG/UX) use "environmental" links, which make the test
?X: -f fail. Ditto for symbolic links. So in order to reliably check the
?X: existence of a file, we use test -r. It will still fail with DG/UX links
?X: though, but at least it will detect symbolic links. At some strategic
?X: points, we make use of (test -h), using a sub-shell in case builtin test
?X: does not implement the -h check for symbolic links. This makes it
?X: possible to preset libc in a hint file for instance and have it show up
?X: as-is in the question.
?X:
xxx=normal
case "$libc" in
unknown)
?X:
?X: The sed below transforms .so.9 .so.12 into something like .so.0009 .so.0012,
?X: then sorts on it to allow keeping .so.12 instead of .so.9 as the latest
?X: up-to-date library. The initial filename (before sed munging, saved in hold
?X: space via 'h') is appended via 'G' before sorting, then the leading munged
?X: part is removed after sorting. Nice efficient work
 from Tye McQueen.
?X: The initial blurfl is here to prevent the trailing pipe from producing an
?X: empty string, causing Configure to output all its set variables!
?X:
 set /lib/libc.$so
```

```
 for xxx in $libpth; do
  $test -r $1 || set $xxx/libc.$so
  : The messy sed command sorts on library version numbers.
  $test -r $1 || \
   set `echo blurfl; echo $xxx/libc.$so.[0-9]* | \
   tr ' ' $trnl | egrep -v '\.[A-Za-z]*$' | $sed -e '
    h
    s/[0-9][0-9]*/0000&/g
    s/0*\([0-9][0-9][0-9][0-9][0-9]\)/\1/g
    G
    s/\n/ /' | \
    $sort | $sed -e 's/^.* //'`
  eval set \$$#
 done
 $test -r $1 || set /usr/ccs/lib/libc.$so
 $test -r $1 || set /lib/libsys_s$_a
 ;;
*)
?X: ensure the test below for the (shared) C library will fail
 set blurfl
 ;;
esac
if $test -r "$1"; then
 echo "Your (shared) C library seems to be in $1."
 libc="$1"
elif $test -r /lib/libc && $test -r /lib/clib; then
?X:
?X: Apollo has its C library in /lib/clib AND /lib/libc
?X: not to mention its math library in /lib/syslib...
?X:
 echo
 "Your C library seems to be in both /lib/clib and /lib/libc."
 xxx=apollo
 libc='/lib/clib /lib/libc'
 if $test -r /lib/syslib; then
  echo "(Your math library is in /lib/syslib.)"
?X: Put syslib in libc -- not quite right, but won't hurt
  libc="$libc /lib/syslib"
 fi
elif $test -r "$libc" || (test -h "$libc") >/dev/null 2>&1; then
 echo "Your C library seems to be in $libc, as you said before."
?X: For mips, and...
elif $test -r $incpath/usr/lib/libc$_a; then
 libc=$incpath/usr/lib/libc$_a;
 echo "Your C library seems to be in $libc.  That's fine."
elif $test -r /lib/libc$_a; then
 libc=/lib/libc$_a;
 echo "Your C library seems to be in $libc.  You're normal."
```

```
else
 if tans=`./loc libc$_a blurfl/dyick $libpth`; $test -r "$tans"; then
  :
 elif tans=`./loc libc blurfl/dyick $libpth`; $test -r "$tans"; then
  libnames="$libnames "`./loc clib blurfl/dyick $libpth`
 elif tans=`./loc clib blurfl/dyick $libpth`; $test -r "$tans"; then
  :
 elif tans=`./loc Slibc$_a blurfl/dyick
 $xlibpth`; $test -r "$tans"; then
  :
 elif tans=`./loc Mlibc$_a blurfl/dyick $xlibpth`; $test -r "$tans"; then
  :
 else
  tans=`./loc Llibc$_a blurfl/dyick $xlibpth`
 fi
 if $test -r "$tans"; then
  echo "Your C library seems to be in $tans, of all places."
  libc=$tans
 else
  libc='blurfl'
 fi
fi
if $test $xxx = apollo -o -r "$libc" || (test -h "$libc") >/dev/null 2>&1; then
 dflt="$libc"
 cat <<EOM

If the guess above is wrong (which it might be if you're using a strange
compiler, or your machine supports multiple models), you can override it here.

EOM
else
 dflt=''
 echo $libpth | $tr ' ' $trnl | $sort | $uniq > libpath
 cat >&4 <<EOM
I can't seem to find your C library.  I've looked in the following places:

EOM
 $sed 's/^/ /' libpath
 cat <<EOM

None of these seems to contain your C library. I need to get its name...

EOM
fi
fn=f
rp='Where is your C library?'
. ./getfile
libc="$ans"
```

```
echo " "
echo $libc $libnames | $tr ' ' $trnl | $sort | $uniq > libnames
set X `cat libnames`
shift
xxx=files
case
 $# in 1) xxx=file; esac
echo "Extracting names from the following $xxx for later perusal:" >&4
echo " "
$sed 's/^/ /' libnames >&4
echo " "
$echo $n "This may take a while...$c" >&4

?X:
?X: Linux may need the special Dynamic option to nm for shared libraries.
?X: In general, this is stored in the nm_so_opt variable.
?X: Unfortunately, that option may be fatal on non-shared libraries.
?X:
for file in $*; do
 case $file in
 *$so*) $nm $nm_so_opt $nm_opt $file 2>/dev/null;;
 *) $nm $nm_opt $file 2>/dev/null;;
 esac
done >libc.tmp

$echo $n ".$c"
?X:
?X: To accelerate processing, we look at the correct 'sed' command
?X: by using a small subset of libc.tmp, i.e. fprintf function.
?X: When we know which sed command to use, do the name extraction
?X:
$grep fprintf libc.tmp > libc.ptf
?X:
?X: In order to enhance readability and save some space, we define
?X: some variables that will be "eval"ed.
?X:
xscan='eval "<libc.ptf $com >libc.list"; $echo $n ".$c" >&4'
xrun='eval
 "<libc.tmp $com >libc.list"; echo "done." >&4'
?X: BSD-like output, I and W types added for Linux
?X: Some versions of Linux include a leading __IO in the symbol name.
?X: HPUX10 reportedly has trailing spaces, though I'm surprised it has
?X: BSD-like output.  (AD).
xxx='[ADTSIW]'
if com="$sed -n -e 's/__IO//' -e 's/^.* $xxx  *_[_.]*//p' -e 's/^.* $xxx  *//p'";\
 eval $xscan;\
 $contains '^fprintf$' libc.list >/dev/null 2>&1; then
```

```
  eval $xrun
?X: SYSV-like output
elif com="$sed -n -e 's/^__*//' -e 's/^\([a-zA-Z_0-9$]*\).*xtern.*/\1/p'";\
 eval $xscan;\
 $contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
elif com="$sed -n -e '/|UNDEF/d' -e '/FUNC..GL/s/^.*|__*//p'";\
 eval $xscan;\
 $contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
elif com="$sed -n -e 's/^.* D __*//p' -e 's/^.* D //p'";\
 eval $xscan;\
 $contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
elif com="$sed -n -e 's/^_//' -e 's/^\([a-zA-Z_0-9]*\).*xtern.*text.*/\1/p'";\
 eval
 $xscan;\
 $contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
elif com="$sed -n -e 's/^.*|FUNC |GLOB .*|//p'";\
 eval $xscan;\
 $contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
elif com="$grep '|' | $sed -n -e '/|COMMON/d' -e '/|DATA/d' \
    -e '/ file/d' -e 's/^\([^  ]*\).*/\1/p'";\
 eval $xscan;\
 $contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
elif com="$sed -n -e 's/^.*|FUNC |GLOB .*|//p' -e 's/^.*|FUNC |WEAK .*|//p'";\
 eval $xscan;\
 $contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
?X: mips nm output (sysV)
elif com="$sed -n -e 's/^__//' -e '/|Undef/d' -e '/|Proc/s/ .*//p'";\
 eval $xscan;\
 $contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
elif com="$sed -n -e 's/^.*|Proc .*|Text *| *//p'";\
 eval $xscan;\
 $contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
elif com="$sed -n -e '/Def. Text/s/.* \([^ ]*\)\$/\1/p'";\
 eval $xscan;\
 $contains '^fprintf$' libc.list >/dev/null
 2>&1; then
  eval $xrun
?X: OS/2 nm output
elif com="$sed -n -e 's/^[-0-9a-f ]*_\(.*\)=.*/\1/p'";\
```

```
 eval $xscan;\
 $contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
elif com="$sed -n -e 's/.*\.text n\ \ \ \.//p'";\
 eval $xscan;\
 $contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
?X: AIX nm output
elif com="sed -n -e 's/^__.*//' -e 's/[       ]*D[    ]*[0-9]*.*//p'";\
 eval $xscan;\
 $contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
else
 $nm -p $* 2>/dev/null >libc.tmp
 $grep fprintf libc.tmp > libc.ptf
 if com="$sed -n -e 's/^.* [ADTSIW]  *_[_.]*//p' -e 's/^.* [ADTSIW] //p'";\
  eval $xscan; $contains '^fprintf$' libc.list >/dev/null 2>&1
 then
  nm_opt='-p'
  eval $xrun
 else
  echo " "
  echo "$nm didn't seem to work right. Trying $ar instead..." >&4
  com="
  if $ar t $libc > libc.tmp && \
   $contains '^fprintf$' libc.tmp >/dev/null 2>&1
  then
   for thisname in $libnames $libc; do
    $ar t $thisname >>libc.tmp
   done
   $sed
 -e "s/\\$_o\$//" < libc.tmp > libc.list
   echo "Ok." >&4
  elif test "X$osname" = "Xos2" && $ar tv $libc > libc.tmp; then
?X: Repeat libc to extract forwarders to DLL entries too
   for thisname in $libnames $libc; do
    $ar tv $thisname >>libc.tmp
?X: Revision 50 of EMX has bug in ar: it will not extract forwarders
?X: to DLL entries.  Use emximp which will extract exactly them.
    emximp -o tmp.imp $thisname \
        2>/dev/null && \
        $sed -e 's/^\([_a-zA-Z0-9]*\) .*$/\1/p' \
        < tmp.imp >>libc.tmp
    $rm -f tmp.imp
   done
   $sed -e "s/\\$_o\$//" -e 's/^ \+//' < libc.tmp > libc.list
   echo "Ok." >&4
  else
```

```
   echo "$ar didn't seem to work right." >&4
   echo "Maybe this is a Cray...trying bld instead..." >&4
   if
    bld t $libc | \
     $sed -e 's/.*\///' -e "s/\\$_o:.*\$//" > libc.list &&
    $test -s libc.list
   then
    for thisname in $libnames; do
     bld t $libnames | \
     $sed -e 's/.*\///' -e "s/\\$_o:.*\$//" >>libc.list
     $ar t $thisname >>libc.tmp
    done
    echo
 "Ok." >&4
   else
    echo "That didn't work either." >&4
    echo "No problem, I'll be compiling test programs then..." >&4
    runnm=false
   fi
  fi
 fi
fi
nm_extract="$com"
if $test -f /lib/syscalls.exp; then
 echo " "
 echo "Also extracting names from /lib/syscalls.exp for good ole AIX..." >&4
 $sed -n 's/^\([^  ]*\)[  ]*syscall[0-9]*[  ]*$/\1/p' \
  /lib/syscalls.exp >>libc.list
fi
?X: remember, indentation is wrong on purpose--RAM
;;
esac
$rm -f libnames libpath
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/libc.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_fseeko: Inlibc longsize
?MAKE: -pick add $@ %<
```

```
?S:d_fseeko:
?S: This variable conditionally defines the HAS_FSEEKO symbol, which
?S: indicates to the C program that the fseeko() routine is available.
?S:.
?C:HAS_FSEEKO:
?C: This symbol, if defined, indicates that the fseeko routine is
?C: available to fseek beyond 32 bits (useful for ILP32 hosts).
?C:.
?H:#$d_fseeko HAS_FSEEKO  /**/
?H:.
?LINT:set d_fseeko
: see if fseeko exists
set fseeko d_fseeko
eval $inlibc
case "$longsize" in
8) echo "(Your long is 64 bits, so you could use fseek.)" ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fseeko.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: nblock_io.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  16:17:14  ram
?RCS: patch61: simplify here document for shells that can't handle them well
?RCS: patch61: force use of "startsh" at the head of the generated script
?RCS: patch61: added new files to the ?F: metalint hint
?RCS:
?RCS: Revision 3.0.1.1  1995/07/25  14:13:22  ram
?RCS: patch56: created
?RCS:
?X:
?X: Simplify here document for shells that can't handle them well.
?X: (Problem reported on FreeBSD; it's unclear if this helps.)  --AD
?X:
?MAKE:o_nonblock
```

```
 eagain rd_nodata d_eofnblk: cat rm_try +cc +ccflags +ldflags \
 d_open3 h_sysfile h_fcntl signal_t hint Oldconfig Setvar startsh Warn
?MAKE: -pick add $@ %<
?S:o_nonblock:
?S: This variable bears the symbol value to be used during open() or fcntl()
?S: to turn on non-blocking I/O for a file descriptor. If you wish to switch
?S: between blocking and non-blocking, you may try ioctl(FIOSNBIO) instead,
?S: but that is only supported by some devices.
?S:.
?S:eagain:
?S: This variable bears the symbolic errno code set by read() when no
?S: data is present on the file and non-blocking I/O was enabled (otherwise,
?S: read() blocks naturally).
?S:.
?S:rd_nodata:
?S: This variable holds the return code from read() when no data is
?S: present. It should be -1, but some systems return 0 when O_NDELAY is
?S: used, which is a shame because you cannot make the difference between
?S: no data and an EOF.. Sigh!
?S:.
?S:d_eofnblk:
?S: This variable conditionally defines EOF_NONBLOCK
 if EOF can be seen
?S: when reading from a non-blocking I/O source.
?S:.
?C:VAL_O_NONBLOCK:
?C: This symbol is to be used during open() or fcntl(F_SETFL) to turn on
?C: non-blocking I/O for the file descriptor. Note that there is no way
?C: back, i.e. you cannot turn it blocking again this way. If you wish to
?C: alternatively switch between blocking and non-blocking, use the
?C: ioctl(FIOSNBIO) call instead, but that is not supported by all devices.
?C:.
?C:VAL_EAGAIN:
?C: This symbol holds the errno error code set by read() when no data was
?C: present on the non-blocking file descriptor.
?C:.
?C:RD_NODATA:
?C: This symbol holds the return code from read() when no data is present
?C: on the non-blocking file descriptor. Be careful! If EOF_NONBLOCK is
?C: not defined, then you can't distinguish between no data and EOF by
?C: issuing a read(). You'll have to find another way to tell for sure!
?C:.
?C:EOF_NONBLOCK:
?C: This symbol, if defined, indicates to the C program that a read() on
?C: a
 non-blocking file descriptor will return 0 on EOF, and not the value
?C: held in RD_NODATA (-1 usually, in that case!).
?C:.
```

```
?H:#define VAL_O_NONBLOCK $o_nonblock
?H:#define VAL_EAGAIN $eagain
?H:#define RD_NODATA $rd_nodata
?H:#$d_eofnblk EOF_NONBLOCK
?H:.
?F:!try !try.out !try.ret !try.err !mtry
?T:status
?LINT:use d_open3
: check for non-blocking I/O stuff
case "$h_sysfile" in
true) echo "#include <sys/file.h>" > head.c;;
*)
 case "$h_fcntl" in
 true) echo "#include <fcntl.h>" > head.c;;
 *) echo "#include <sys/fcntl.h>" > head.c;;
 esac
 ;;
esac
echo " "
echo "Figuring out the flag used by open() for non-blocking I/O..." >&4
case "$o_nonblock" in
")
 $cat head.c > try.c
 $cat >>try.c <<'EOCP'
int main() {
#ifdef O_NONBLOCK
 printf("O_NONBLOCK\n");
 exit(0);
#endif
#ifdef O_NDELAY
 printf("O_NDELAY\n");
 exit(0);
#endif
?X: Stevens "Advanced Programming in the UNIX Environment" page 364 mentions
?X: the FNDELAY symbol, used in 4.33BSD (source: Paul Marquess).
#ifdef FNDELAY
 printf("FNDELAY\n");
 exit(0);
#endif
 exit(0);
}
EOCP
 if
 $cc $ccflags $ldflags -o try try.c >/dev/null 2>&1; then
  o_nonblock=`./try`
  case "$o_nonblock" in
  ") echo "I can't figure it out, assuming O_NONBLOCK will do.";;
  *) echo "Seems like we can use $o_nonblock.";;
```

```
  esac
 else
  echo "(I can't compile the test program; pray O_NONBLOCK is right!)"
 fi
 ;;
*) echo "Using $hint value $o_nonblock.";;
esac
$rm_try

echo " "
echo "Let's see what value errno gets from read() on a $o_nonblock file..." >&4
case "$eagain" in
")
 $cat head.c > try.c
 $cat >>try.c <<EOCP
#include <errno.h>
#include <sys/types.h>
#include <signal.h>
#define MY_O_NONBLOCK $o_nonblock
extern int errno;
$signal_t blech(x) int x; { exit(3); }
EOCP
 $cat >> try.c <<'EOCP'
int main()
{
 int pd[2];
 int pu[2];
 char buf[1];
 char string[100];

 pipe(pd); /* Down: child -> parent */
 pipe(pu); /* Up: parent -> child */
 if (0 != fork()) {
  int ret;
  close(pd[1]); /* Parent reads from pd[0] */
  close(pu[0]); /*
 Parent writes (blocking) to pu[1] */
  if (-1 == fcntl(pd[0], F_SETFL, MY_O_NONBLOCK))
   exit(1);
  signal(SIGALRM, blech);
  alarm(5);
  if ((ret = read(pd[0], buf, 1)) > 0) /* Nothing to read! */
   exit(2);
  sprintf(string, "%d\n", ret);
  write(2, string, strlen(string));
  alarm(0);
#ifdef EAGAIN
  if (errno == EAGAIN) {
```

```
   printf("EAGAIN\n");
   goto ok;
  }
#endif
#ifdef EWOULDBLOCK
  if (errno == EWOULDBLOCK)
   printf("EWOULDBLOCK\n");
#endif
 ok:
  write(pu[1], buf, 1); /* Unblocks child, tell it to close our pipe */
  sleep(2);    /* Give it time to close our pipe */
  alarm(5);
  ret = read(pd[0], buf, 1); /* Should read EOF */
  alarm(0);
  sprintf(string, "%d\n", ret);
  write(3, string, strlen(string));
  exit(0);
 }

 close(pd[0]);   /* We write to pd[1] */
 close(pu[1]);   /* We read from pu[0] */
 read(pu[0], buf, 1); /* Wait for parent to signal us we may continue */
 close(pd[1]);   /* Pipe pd is now fully closed! */
 exit(0);    /* Bye bye, thank you for playing!
 */
}
EOCP
 if $cc $ccflags $ldflags -o try try.c >/dev/null 2>&1; then
?X: Use script to avoid the possible 'alarm call' message
  echo "$startsh" >mtry
  echo "./try >try.out 2>try.ret 3>try.err || exit 4" >>mtry
  chmod +x mtry
  ./mtry >/dev/null 2>&1
  case $? in
  0) eagain=`$cat try.out`;;
  1) echo "Could not perform non-blocking setting!";;
  2) echo "I did a successful read() for something that was not there!";;
  3) echo "Hmm... non-blocking I/O does not seem to be working!";;
  *) echo "Something terribly wrong happened during testing.";;
  esac
  rd_nodata=`$cat try.ret`
  echo "A read() system call with no data present returns $rd_nodata."
  case "$rd_nodata" in
  0|-1) ;;
  *)
   echo "(That's peculiar, fixing that to be -1.)"
   rd_nodata=-1
   ;;
```

```
  esac
  case "$eagain" in
  ")
   echo "Forcing errno EAGAIN on read() with no data available."
   eagain=EAGAIN
   ;;
  *)
   echo "Your read() sets errno to $eagain when no data is available."
   ;;
  esac
  status=`$cat
 try.err`
  case "$status" in
  0) echo "And it correctly returns 0 to signal EOF.";;
  -1) echo "But it also returns -1 to signal EOF, so be careful!";;
  *) echo "However, your read() returns '$status' on EOF??";;
  esac
  val="$define"
  if test "$status" = "$rd_nodata"; then
   ./warn "your read() can't distinguish between EOF and no data!"
   val="$undef"
  fi
 else
  echo "I can't compile the test program--assuming errno EAGAIN will do."
  eagain=EAGAIN
 fi
 set d_eofnblk
 eval $setvar
 ;;
*)
 echo "Using $hint value $eagain."
 echo "Your read() returns $rd_nodata when no data is present."
 case "$d_eofnblk" in
 "$define") echo "And you can see EOF because read() returns 0.";;
 "$undef") echo "But you can't see EOF status from read() returned value.";;
 *)
?X: Should not happen, but if it does, assume the worst!
  echo "(Assuming you can't see EOF status from read anyway.)"
  d_eofnblk=$undef
  ;;
 esac
 ;;
esac
$rm_try head.c mtry
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/nblock_io.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Loc.U 14 2006-08-28 16:51:14Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Loc.U,v $
?RCS: Revision 3.0.1.10  1997/02/28  15:04:16  ram
?RCS: patch61: allow users to specify paths on the command line
?RCS: patch61: will now substitute cp for ln if not supported
?RCS:
?RCS: Revision 3.0.1.9  1995/09/25  09:11:24  ram
?RCS: patch59: commented the purpose of the #un-def directive
?RCS: patch59: abort Configure run when mandatory command is missing
?RCS:
?RCS: Revision 3.0.1.8  1995/07/25  13:40:40  ram
?RCS: patch56: now knows about
 OS/2 platforms
?RCS:
?RCS: Revision 3.0.1.7  1995/01/11  15:13:37  ram
?RCS: patch45: protected "sh -c" within backquotes for Linux and SGI
?RCS: patch45: added path lookup for the 'comm' program
?RCS:
?RCS: Revision 3.0.1.6  1994/10/29  15:56:14  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS: patch36: be careful and guard against wildcard searching (ADO)
?RCS:
?RCS: Revision 3.0.1.5  1994/06/20  06:54:55  ram
?RCS: patch30: now locates find
?RCS:
?RCS: Revision 3.0.1.4  1994/05/13  15:18:15  ram
?RCS: patch27: added byacc to the trylist (ADO)
?RCS: patch27: lint lines reformatted (ADO)
?RCS:
?RCS: Revision 3.0.1.3  1994/01/24  14:01:44  ram
?RCS: patch16: added metalint hint on changed PATH variable
?RCS:
?RCS: Revision 3.0.1.2  1993/12/15  08:16:52  ram
?RCS: patch15: now set _test variable when test is built-in
?RCS: patch15: fixed rare cases where echo is not needed
?RCS:
?RCS: Revision 3.0.1.1  1993/09/13  15:47:13  ram
```

```
?RCS: patch10: test program not always
 in /bin/test (WAD)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:05  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit produces a shell script "loc" which can be used to find out
?X: where in a list of directories something is.  It then uses loc to
?X: determine the location of commonly used programs.  It leaves loc sitting
?X: around for other Configure units to use, but arranges for its demise
?X: at the end of Configure.
?X:
?X: To add a new program to find, add it both to the ?MAKE: line and to either
?X: the loclist or trylist variable.
?X:
?X: I put startsh at the end of the dependency list, in order to avoid the
?X: loading of the spitshell unit before the instructions.
?X:
?MAKE:Loc awk ar bash bison byacc cat chgrp chmod chown \
 comm compress cp cpio cpp csh date echo egrep emacs expr find flex \
 gmake gzip grep inews ksh less line lint ln lp lpr ls mail mailx \
 make mkdir more mv nm nroff perl pg pmake pr rm rmail sed sendmail \
 shar sleep smail sort
 submit tail tar tbl tee test touch tr troff \
 uname uniq uuname vi zcat zip: eunicefix n c startsh Instruct sysroot
?MAKE: -pick weed $@ %<
?LINT:describe awk ar bash bison byacc cat chgrp chmod chown \
 comm compress cp cpio cpp csh date echo egrep emacs expr find flex \
 gmake gzip grep inews ksh less line lint ln lp lpr ls mail mailx \
 make mkdir more mv nm nroff perl pg pmake pr rm rmail sed sendmail \
 shar sleep smail sort submit tail tar tbl tee test touch tr troff \
 uname uniq uuname vi zcat zip
?V::pth loclist trylist
?F:./loc test_h
?T:thisthing thing xxx dir file say _test DJGPP
?LINT:change PATH _egrep _ln _make _less
?LINT:extern _exe
: find out where common programs are
echo " "
echo "Locating common programs..." >&4
cat <<EOSC >loc
$startsh
case \$# in
0) exit 1;;
esac
thing=\$1
shift
```

```
dflt=\$1
shift
for dir in \$*; do
 case "\$thing" in
 .)
 if test -d \$dir/\$thing; then
  echo \$dir
  exit 0
 fi
 ;;
 *)
?X: Be careful in case thing includes wildcards that might expand
 to multiple
?X: files.  Choose the last one.  This happens when searching for shared
?X: libraries with version numbers.  How to choose which one we want is
?X: probably an insoluble problem, in general.
?X: Some folks leave things like libc.so.orig around w/o read
?X: permission.  A -r test would handle that, but since ./loc is
?X: also used to find executables (which are installed w/o read
?X: permission on SCO ODT 3.0, we can't include the -r test.
?X: If you need to use an _exe that is different from .exe
?X: you need to set it in Head.U.
 for thisthing in \$dir/\$thing; do
  : just loop through to pick last item
 done
 if test -f \$thisthing; then
  echo \$thisthing
  exit 0
 elif test "X$_exe" != X -a -f \$thisthing$_exe; then
  echo \$thisthing
  exit 0
 elif test -f \$dir/\$thing.exe; then
  if test -n "$DJGPP"; then
   echo \$dir/\$thing.exe
  elif test "$eunicefix" != ":"; then
   : on Eunice apparently
   echo \$dir/\$thing
  fi
  exit 0
 fi
 ;;
 esac
done
echo \$dflt
exit
 1
EOSC
chmod +x loc
```

```
$eunicefix loc
loclist="
?awk:awk
?cat:cat
?chgrp:chgrp
?chmod:chmod
?chown:chown
?comm:comm
?cp:cp
?echo:echo
?expr:expr
?find:find
?grep:grep
?ls:ls
?mkdir:mkdir
?mv:mv
?rm:rm
?sed:sed
?sleep:sleep
?sort:sort
?tail:tail
?touch:touch
?tr:tr
?uniq:uniq
"
trylist="
?Mcc:Mcc
?ar:ar
?bash:bash
?bison:bison
?byacc:byacc
?compress:compress
?cpio:cpio
?cpp:cpp
?csh:csh
?date:date
?egrep:egrep
?emacs:emacs
?flex:flex
?gmake:gmake
?gzip:gzip
?inews:inews
?ksh:ksh
?less:less
?line:line
?lint:lint
?ln:ln
?lp:lp
```

```
?lpr:lpr
?mail:mail
?mailx:mailx
?make:make
?more:more
?nm:nm
?nroff:nroff
?perl:perl
?pg:pg
?pmake:pmake
?pr:pr
?rmail:rmail
?sendmail:sendmail
?shar:shar
?smail:smail
?submit:submit
?tar:tar
?tbl:tbl
?tee:tee
?test:test
?troff:troff
?uname:uname
?uuname:uuname
?vi:vi
?zcat:zcat
?zip:zip
"
?LINT:set awk ar bash bison byacc cat chgrp chmod chown \
 comm compress cp cpio cpp csh date echo emacs expr find flex \
 gmake gzip grep inews ksh line lint lp lpr ls mail mailx
 \
 mkdir more mv nm nroff perl pg pmake pr rm rmail sed sendmail \
 shar sleep smail sort submit tail tar tbl tee touch tr troff \
 uname uniq uuname vi zcat zip
pth=`echo $PATH | sed -e "s/$p_/ /g"`
pth="$pth $sysroot/lib $sysroot/usr/lib"
for file in $loclist; do
?X:
?X: Allow them to -Dmake=pmake on the command line for instance...
?X: If the file is not fully qualified, as in -Dmake=pmake, then we
?X: look the for the specified command (pmake here). If they say
?X: -Dmake=/sbin/make for instance, then we make sure the file
?X: exists, or we die...
?X:
 eval xxx=\$$file
 case "$xxx" in
 /*|?:[\\/]*)
  if test -f "$xxx"; then
```

```
  : ok
 else
  echo "WARNING: no $xxx -- ignoring your setting for $file." >&4
  xxx=`./loc $file $file $pth`
 fi
 ;;
") xxx=`./loc $file $file $pth`;;
*) xxx=`./loc $xxx $xxx $pth`;;
esac
eval $file=$xxx$_exe
eval _$file=$xxx
case "$xxx" in
/*)
 echo $file is in $xxx.
 ;;
?X: Under OS/2, we have PC-like paths
 ?:[\\/]*)
 echo $file is in $xxx.
 ;;
 *)
 echo
 "I don't know where '$file' is, and my life depends on it." >&4
 echo "Go find a public domain implementation or fix your PATH setting!" >&4
 exit 1
 ;;
esac
done
echo " "
echo "Don't worry if any of the following aren't found..."
say=offhand
for file in $trylist; do
?X: Allow them to -Dmake=pmake on the command line for instance (see above)
 eval xxx=\$$file
 case "$xxx" in
 /*|?:[\\/]*)
  if test -f "$xxx"; then
   : ok
  else
   echo "WARNING: no $xxx -- ignoring your setting for $file." >&4
   xxx=`./loc $file $file $pth`
  fi
  ;;
 ") xxx=`./loc $file $file $pth`;;
 *) xxx=`./loc $xxx $xxx $pth`;;
 esac
 eval $file=$xxx$_exe
 eval _$file=$xxx
 case "$xxx" in
```

```
 /*)
  echo $file is in $xxx.
  ;;
?X: Under OS/2, we have PC-like paths
 ?:[\\/]*)
  echo $file is in $xxx.
  ;;
 *)
  echo "I don't see $file out there, $say."
  say=either
  ;;
 esac
done
case "$egrep" in
egrep)
 echo "Substituting grep for egrep."
 egrep=$grep
 _egrep=$grep
 ;;
esac
@if less
case "$less"
 in
") ;;
*) if $less -R </dev/null >/dev/null 2>&1; then
        echo "Substituting less -R for less."
        less="$less -R"
        _less=$less
 fi
 ;;
esac
@end
@if ln
case "$ln" in
ln)
 echo "Substituting cp for ln."
 ln=$cp
 _ln=$cp
 ;;
esac
@end
@if make || gmake
case "$make" in
make)
 case "$gmake" in
 gmake)
 echo "I can't find make or gmake, and my life depends on it." >&4
 echo "Go find a public domain implementation or fix your PATH setting!" >&4
```

```
 exit 1
 ;;
 esac
 ;;
esac
case "$gmake" in
gmake) ;;
*) # We can't have osname yet.
 if test -f "/system/gnu_library/bin/ar.pm"; then # Stratus VOS
  # Assume that gmake, if found, is definitely GNU make
  # and prefer it over the system make.
  echo "Substituting gmake for make."
  make=$gmake
  _make=$gmake
 fi
 ;;
esac
@end
case "$test" in
test)
 echo "Hopefully test is built into your sh."
 ;;
*)
 if `sh -c "PATH= test true" >/dev/null 2>&1`; then
  echo "Using the test built into your sh."
?X:
?X: We need to set both test
 and _test, since Oldconfig.U will use the _test
?X: value to systematically restore computed paths, which may be wrong if
?X: we choose to load an old config.sh generated on another platform.
?X:
  test=test
  _test=test
 fi
 ;;
esac
?LINT:change n c
case "$echo" in
echo)
 echo "Hopefully echo is built into your sh."
 ;;
?X: For those rare cases where we don't need $echo...
") ;;
*)
 echo " "
echo "Checking compatibility between $echo and builtin echo (if any)..." >&4
 $echo $n "hi there$c" >foo1
 echo $n "hi there$c" >foo2
```

```
 if cmp foo1 foo2 >/dev/null 2>&1; then
  echo "They are compatible.  In fact, they may be identical."
 else
  case "$n" in
  '-n') n=" c='\c';;
  *) n='-n' c=";;
  esac
  cat <<FOO
They are not compatible!  You are probably running ksh on a non-USG system.
I'll have to use $echo instead of the builtin, since Bourne shell doesn't
have echo built in and we may have to run some Bourne shell scripts.  That
means I'll have to use '$n$c' to suppress newlines now.
  Life is ridiculous.

FOO
  $echo $n "The star should be here-->$c"
  $echo "*"
 fi
 $rm -f foo1 foo2
 ;;
esac

?X: The next part is irrelevant to the real process
# This question was auctioned at YAPC::Europe-2007 in Vienna
# I never promised you could answer it. I only auctioned the question.
cat <<FOO
The following message is sponsored by

 Dresden.pm<--The stars should be here.

Dear Perl user, system administrator or package
maintainer, the Perl community sends greetings to
you. Do you (emblematical) greet back [Y/n]? n

FOO

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Loc.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2001 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
```

```
?MAKE:run to from targetarch targetdir targetmkdir targethost targetport \
 usecrosscompile hostperl hostgenerate hostosname targetenv: \
    src test rm echo sed mkdir cp chmod make touch
?MAKE: -pick add $@ %<
?Y:TOP
?S:usecrosscompile:
?S: This variable conditionally defines the USE_CROSS_COMPILE symbol,
?S: and indicates that Perl has been cross-compiled.
?S:.
?S:run:
?S: This variable contains the command used by Configure
?S: to copy and execute a cross-compiled executable in the
?S: target host.  Useful and available only during Perl build.
?S: Empty string '' if not cross-compiling.
?S:.
?S:from:
?S: This variable contains the command used by Configure
?S: to copy files from the target host.  Useful
 and available
?S: only during Perl build.
?S: The string ':' if not cross-compiling.
?S:.
?S:to:
?S: This variable contains the command used by Configure
?S: to copy to from the target host.  Useful and available
?S: only during Perl build.
?S: The string ':' if not cross-compiling.
?S:.
?S:targetarch:
?S: If cross-compiling, this variable contains the target architecture.
?S: If not, this will be empty.
?S:.
?S:targetdir:
?S: This variable contains a path that will be created on the target
?S: host using targetmkdir, and then used to copy the cross-compiled
?S: executables to. Defaults to '/tmp' if not set.
?S:.
?S:targetmkdir:
?S: This variable contains the command used by Configure to create a
?S: new directory on the target host.
?S:.
?S:targethost:
?S: This variable contains the name of a separate host machine that
?S: can be used to run compiled test programs and perl tests on.
?S: Set to empty string if not in use.
?S:.
?S:targetport:
?S: This variable contains the number
```

```
 of a network port to be used to
?S: connect to the host in targethost, if unset defaults to 22 for ssh.
?S:.
?S:hostperl:
?S: This variable contains the path to a miniperl binary that can be
?S: run on the host OS when cross-compiling.  Useful and available only
?S: during Perl build.
?S: Empty string '' if not cross-compiling.
?S:.
?S:hostgenerate:
?S: This variable contains the path to a generate_uudmap binary that
?S: can be run on the host OS when cross-compiling.  Useful and
?S: available only during Perl build.
?S: Empty string '' if not cross-compiling.
?S:.
?S:hostosname:
?S: This variable contains the original value of '$^O' for hostperl
?S: when cross-compiling.  This is useful to pick the proper tools
?S: when running build code in the host.
?S: Empty string '' if not cross-compiling.
?S:.
?S:targetenv:
?S: If cross-compiling, this variable can be used to modify the
?S: environment on the target system.
?S: However, how and where it's used, and even if it's used at all, is
?S: entirely
 dependent on both the transport mechanism (targetrun) and
?S: what the target system is.  Unless the relevant documentation says
?S: otherwise, it is genereally not useful.
?S:.
?C:USE_CROSS_COMPILE:
?C: This symbol, if defined, indicates that Perl is being cross-compiled.
?C:.
?C:PERL_TARGETARCH:
?C: This symbol, if defined, indicates the target architecture
?C: Perl has been cross-compiled to.  Undefined if not a cross-compile.
?C:.
?H:?%<:#ifndef USE_CROSS_COMPILE
?H:?%<:#$usecrosscompile USE_CROSS_COMPILE /**/
?H:?%<:#define PERL_TARGETARCH "$targetarch" /**/
?H:?%<:#endif
?H:.
?D:targetenv=''
?D:targethost=''
?D:targetmkdir=''
?T:croak pwd exe f q cwd file xxx env
?LINT:extern usecrosscompile
?LINT:extern cc
```

```
?LINT:extern usrinc
?LINT:change ar
?LINT:change nm
?LINT:change ranlib
?LINT:change src
?LINT:extern targetenv
?LINT:extern targetport
?LINT:extern targetdir
?LINT:extern targetuser
?LINT:change targetuser
?LINT:extern targetrun
?LINT:extern targetfrom
?LINT:extern
 targetto
?LINT:change targetrun
?LINT:change targetfrom
?LINT:change targetto
?LINT:extern incpth
?LINT:extern libpth
?LINT:extern locincpth
?LINT:extern loclibpth
?LINT:change locincpth
?LINT:change loclibpth
?LINT:extern hostperl
?LINT:extern hostgenerate
?LINT:extern before_host
?LINT:change before_host
?LINT:extern hostosname
?LINT:extern multiarch
: Check for Cross-Compilation
?X: targethost and targetenv mainly set to allow ?S: documentation
?X:otherwise it could have been declared extern
if $test "X$targethost" = "X"; then
   targethost=""
fi
if $test "X$targetenv" = "X"; then
   targetenv=""
fi
case "$usecrosscompile" in
$define|true|[yY]*)
 $echo "Cross-compiling..."
 croak="
 case "$cc" in
 *-gcc*|*-g++*) # A cross-compiling gcc, probably.
     # arm-linux-androideabi-gcc  -> arm-linux-androideabi
     # x86_64-w64-mingw32-gcc.exe -> x86_64-w64-mingw32
     targetarch=`$echo $cc|$sed 's/-g[c\+][c\+].*$//'`
     ar=`$echo $cc|$sed 's/-g[c\+][c\+]/-ar/'`
```

```
    # leave out ld,
choosing it is more complex
    nm=`$echo $cc|$sed 's/-g[c\+][c\+]/-nm/'`
    ranlib=`$echo $cc|$sed 's/-g[c\+][c\+]/-ranlib/'`
    # We are in a weird spot. Just before us, some values
    # were 'saved', to be restored after the hints are
    # run.  This means that the changes we made to ar,
    # nm and ranlib will get reverted.
    # To avoid that, we hijack the saving mechanism and
    # have it save our new values.
    for file in ar nm ranlib; do
 eval xxx=\$$file
 eval $file=$xxx$_exe
 eval _$file=$xxx
    done
;;
esac
case "$targetarch" in
") echo "Targetarch not defined." >&4; croak=y ;;
*)  echo "Using targetarch $targetarch." >&4 ;;
esac
case "$targethost" in
") echo "Targethost not defined." >&4; croak=n ;;
*)  echo "Using targethost $targethost." >&4
esac
locincpth=' '
loclibpth=' '
case "$croak" in
y) echo "Cannot continue, aborting." >&4; exit 1 ;;
esac
  : compile a host miniperl and generate_uudmap, unless we got passed them
  if
$test "X$hostperl" = X; then
    echo "Building host miniperl and generate_uudmap binaries" >&4
    before_host=`pwd`
    cd ..
    cd $src
    src=`pwd`
    rm -rf $src/host
    mkdir $src/host
    cd $src/host
    $src/Configure -des -Dusedevel -Dmksymlinks
    $make miniperl
    case "$hostgenerate" in
    ") $make generate_uudmap
        hostgenerate=$src/host/generate_uudmap
        ;;
     "$undef") hostgenerate="
```

```
        ;;
    esac
    hostperl=$src/host/miniperl
    cd $before_host
  fi
  hostosname=`$hostperl -le 'print $^O'`
  ;;
*)
  usecrosscompile="$undef"
  ;;
esac

: Define -Dtargethost=somecomputer to run compiled tests on another machine
case "$targethost" in
  ") echo "Checking for cross-compile" >&4
  case "$usecrosscompile$multiarch" in
     *$define*) echo "Skipping the try tests in the rest of Configure as no targethost was defined when cross-
compiling" >&4
       if [ -f Makefile ]; then
         echo
 " "
         echo "Now you must ensure config.sh, config.h and the generated headers exist and run a $make."
       else
         echo "Configure done."
       fi
     exit 0
     ;;
   *) echo "No targethost for running compiler tests against defined, running locally" >&4
      run="
      to=:
      from=:
      ;;
  esac
  ;;
  *) echo "Using targethost $targethost." >&4
 case "$src" in
 /*) run=$src/Cross/run
    targetmkdir=$src/Cross/mkdir
    to=$src/Cross/to
    from=$src/Cross/from
    ;;
 *)  pwd=`$test -f ../Configure & cd ..; pwd`
    run=$pwd/Cross/run
    targetmkdir=$pwd/Cross/mkdir
    to=$pwd/Cross/to
    from=$pwd/Cross/from
    ;;
 esac
```

```
 case "$targetrun" in
 ") targetrun=ssh ;;
 esac
 case "$targetto" in
 ") targetto=scp ;;
 esac
 case "$targetfrom" in
 ") targetfrom=scp ;;
 esac
 run=$run-$targetrun
 to=$to-$targetto
 from=$from-$targetfrom
 case "$targetdir" in
 ")  targetdir=/tmp
     echo "Guessing targetdir $targetdir."
 >&4
     ;;
 esac
 case "$targetuser" in
 ")  targetuser=root
     echo "Guessing targetuser $targetuser." >&4
     ;;
 esac
 case "$targetport" in
 ")  targetport=22
     echo "Guessing targetport $targetport." >&4
     ;;
 esac
 case "$targetfrom" in
 scp) q=-q ;;
 *) q=" ;;
 esac
 case "$targetrun" in
 ssh|rsh)
    cat >$run <<EOF
#!/bin/sh
env="
case "\$1" in
-cwd)
 shift
 cwd=\$1
 shift
 ;;
esac
case "\$1" in
-env)
 shift
 env=\$1
```

```
 shift
 ;;
esac
case "\$cwd" in
") cwd=$targetdir ;;
esac
exe=\$1
shift
$to \$exe
$targetrun -p $targetport -l $targetuser $targethost "cd \$cwd && \$env \$exe \$@"
EOF
    ;;
 adb)
    $touch $run
    ;;
 *)  echo "Unknown targetrun '$targetrun'" >&4
    exit 1
    ;;
 esac
 case "$targetmkdir" in
 */Cross/mkdir)
    cat >$targetmkdir <<EOF
#!/bin/sh
$targetrun -p $targetport -l $targetuser $targethost "mkdir -p \$@"
EOF
    $chmod a+rx $targetmkdir
    ;;
 *)  echo "Unknown targetmkdir '$targetmkdir'" >&4
    exit 1
    ;;
 esac
 case
 "$targetto" in
 scp|rcp)
    cat >$to <<EOF
#!/bin/sh
for f in \$@
do
 case "\$f" in
 /*)
   $targetmkdir \`dirname \$f\`
   $targetto -P $targetport -r $q \$f $targetuser@$targethost:\$f          2>/dev/null  || exit 1
   ;;
 *)
   $targetmkdir $targetdir/\`dirname \$f\`
   $targetto -P $targetport -r $q \$f $targetuser@$targethost:$targetdir/\$f 2>/dev/null || exit 1
   ;;
 esac
```

```
done
exit 0
EOF
     ;;
 cp) cat >$to <<EOF
#!/bin/sh
for f in \$@
do
 case "\$f" in
 /*)
   $mkdir -p $targetdir/\`dirname \$f\`
   $cp \$f $targetdir/\$f || exit 1
   ;;
 *)
   $targetmkdir $targetdir/\`dirname \$f\`
   $cp \$f $targetdir/\$f || exit 1
   ;;
 esac
done
exit 0
EOF
     ;;
 *)  echo "Unknown targetto '$targetto'" >&4
     exit 1
     ;;
 esac
 case "$targetfrom" in
 scp|rcp)
   cat >$from <<EOF
#!/bin/sh
for f in \$@
do
 $rm -f \$f
 $targetfrom -P $targetport $q $targetuser@$targethost:$targetdir/\$f . || exit 1
done
exit 0
EOF
     ;;
 cp) cat >$from <<EOF
#!/bin/sh
for
 f in \$@
do
 $rm -f \$f
 cp $targetdir/\$f . || exit 1
done
exit 0
EOF
```

```
    ;;
 *)  echo "Unknown targetfrom '$targetfrom'" >&4
    exit 1
    ;;
 esac
 if $test ! -f $run; then
    echo "Target 'run' script '$run' not found." >&4
 else
    $chmod a+rx $run
 fi
 if $test ! -f $to; then
    echo "Target 'to' script '$to' not found." >&4
 else
    $chmod a+rx $to
 fi
 if $test ! -f $from; then
    echo "Target 'from' script '$from' not found." >&4
 else
    $chmod a+rx $from
 fi
 if $test ! -f $run -o ! -f $to -o ! -f $from; then
    exit 1
 fi
 cat >&4 <<EOF
Using '$run' for remote execution,
and '$from' and '$to'
for remote file transfer.
EOF
 ;;
*) run="
 to=:
 from=:
 usecrosscompile="$undef"
 targetarch="
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/Cross.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS:
?MAKE:i_fenv: Inhdr
?MAKE: -pick add $@ %<
?S:i_fenv:
```

```
?S: This variable conditionally defines the I_FENV symbol, which
?S: indicates to the C program that <fenv.h> exists and should
?S: be included.
?S:.
?C:I_FENV:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <fenv.h> to get the floating point environment definitions.
?C:.
?H:#$i_fenv I_FENV  /**/
?H:.
?LINT:set i_fenv
: see if this is a fenv.h system
set fenv.h i_fenv
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_fenv.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_sethostent_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_sethostent_r sethostent_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_sethostent_r:
?S: This variable conditionally defines the HAS_SETHOSTENT_R symbol,
?S: which indicates to the C program that the sethostent_r()
?S: routine is available.
?S:.
?S:sethostent_r_proto:
?S: This variable encodes the prototype of sethostent_r.
?S: It is zero if d_sethostent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_sethostent_r
?S: is defined.
?S:.
?C:HAS_SETHOSTENT_R:
?C: This symbol, if defined, indicates that the sethostent_r routine
?C: is
 available to sethostent re-entrantly.
?C:.
?C:SETHOSTENT_R_PROTO:
```

```
?C: This symbol encodes the prototype of sethostent_r.
?C: It is zero if d_sethostent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_sethostent_r
?C: is defined.
?C:.
?H:#$d_sethostent_r HAS_SETHOSTENT_R /**/
?H:#define SETHOSTENT_R_PROTO $sethostent_r_proto /**/
?H:.
?T:try hdrs d_sethostent_r_proto
: see if sethostent_r exists
set sethostent_r d_sethostent_r
eval $inlibc
case "$d_sethostent_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
 case "$d_sethostent_r_proto:$usethreads" in
 ":define") d_sethostent_r_proto=define
  set d_sethostent_r_proto sethostent_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_sethostent_r_proto" in
 define)
 case "$sethostent_r_proto" in
 "|0) try='int sethostent_r(int, struct hostent_data*);'
 ./protochk "$extern_C $try" $hdrs && sethostent_r_proto=I_ID ;;
 esac
 case "$sethostent_r_proto" in
 "|0) try='void
 sethostent_r(int, struct hostent_data*);'
 ./protochk "$extern_C $try" $hdrs && sethostent_r_proto=V_ID ;;
 esac
 case "$sethostent_r_proto" in
 "|0) d_sethostent_r=undef
  sethostent_r_proto=0
  echo "Disabling sethostent_r, cannot determine prototype." >&4 ;;
 * ) case "$sethostent_r_proto" in
  REENTRANT_PROTO*) ;;
  *) sethostent_r_proto="REENTRANT_PROTO_$sethostent_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "sethostent_r has no prototype, not using it." >&4 ;;
  esac
  d_sethostent_r=undef
  sethostent_r_proto=0
```

```
  ;;
 esac
 ;;
*) sethostent_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_sethostent_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setlnbuf.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_setlnbuf.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:11:57  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_setlinebuf: Inlibc
?MAKE: -pick add $@ %<
?S:d_setlinebuf:
?S: This variable conditionally defines the HAS_SETLINEBUF symbol, which
?S: indicates to the C program that the setlinebuf() routine is available
?S: to change stderr or stdout from block-buffered or unbuffered
 to a
?S: line-buffered mode.
?S:.
?C:HAS_SETLINEBUF :
?C: This symbol, if defined, indicates that the setlinebuf routine is
?C: available to change stderr or stdout from block-buffered or unbuffered
?C: to a line-buffered mode.
?C:.
?H:#$d_setlinebuf HAS_SETLINEBUF  /**/
?H:.
?LINT:set d_setlinebuf
: see if setlinebuf exists
set setlinebuf d_setlinebuf
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setlnbuf.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: libnlist.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: libnlist.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  16:08:02  ram
?RCS: patch61: added usrinc and mips on the dependency line
?RCS: patch61: make sure we call ./mips
?RCS: patch61: added a ?LINT: hint
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:00  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:libnlist: Loc libpth Guess usrinc _a
?MAKE: -pick add $@ %<
?S:libnlist (libmld):
?S: This variable contains the name of the library required to
 get the
?S: definition of the nlist() function.  On a MIPS RISC/OS box, it is -lmld.
?S: Under Sys Vr4, it is -lelf.  Otherwise, its value is empty.
?S:.
?T:xxx
?LINT:use usrinc
: see if we need a special library for 'nlist()'
echo " "
: How about doing this if nlist is not in libc...
if ./mips ; then
 libnlist='-lmld'
else
 xxx=`./loc libelf$_a x $libpth`
 case "$xxx" in
 x)  ;;
 *)
  libnlist="$xxx"
  ;;
 esac
```

```
fi
case "$libnlist" in
") echo "No special library for nlist() seems necessary." >&4
 ;;
*)  echo "nlist() can be found in $libnlist." >&4
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/libnlist.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_vfork.U,v $
?RCS: Revision 3.0.1.6  1994/08/29  16:18:21  ram
?RCS: patch32: set default to 'y' the first time
?RCS:
?RCS: Revision 3.0.1.5  1994/06/20  06:59:14  ram
?RCS: patch30: usevfork was not always properly set
?RCS:
?RCS: Revision 3.0.1.4  1994/05/13  15:20:56  ram
?RCS: patch27: modified to avoid spurious Whoa warnings (ADO)
?RCS:
?RCS: Revision 3.0.1.3  1994/05/06  14:59:09  ram
?RCS: patch23: now explicitly ask whether vfork() should be used (ADO)
?RCS:
?RCS: Revision 3.0.1.2  1993/10/16
  13:49:39  ram
?RCS: patch12: added magic for vfork()
?RCS:
?RCS: Revision 3.0.1.1  1993/09/13  16:06:57  ram
?RCS: patch10: removed automatic remapping of vfork on fork (WAD)
?RCS: patch10: added compatibility code for older config.sh (WAD)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:07:55  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_vfork usevfork: Inlibc Myread Oldconfig Setvar
```

```
?MAKE: -pick add $@ %<
?S:d_vfork:
?S: This variable conditionally defines the HAS_VFORK symbol, which
?S: indicates the vfork() routine is available.
?S:.
?S:usevfork:
?S: This variable is set to true when the user accepts to use vfork.
?S: It is set to false when no vfork is available or when the user
?S: explicitly requests not to use vfork.
?S:.
?C:HAS_VFORK (VFORK):
?C: This symbol, if defined, indicates that vfork() exists.
?C:.
?H:#$d_vfork HAS_VFORK /**/
?H:.
?M:vfork: HAS_VFORK
?M:#ifndef HAS_VFORK
?M:#define vfork fork
?M:#endif
?M:.
?LINT:set d_vfork
: see if there is a vfork
val=''
set
 vfork val
eval $inlibc

: Ok, but do we want to use it. vfork is reportedly unreliable in
: perl on Solaris 2.x, and probably elsewhere.
case "$val" in
$define)
 echo " "
 case "$usevfork" in
 false) dflt='n';;
 *) dflt='y';;
 esac
 rp="Some systems have problems with vfork().  Do you want to use it?"
 . ./myread
 case "$ans" in
 y|Y) ;;
 *)
  echo "Ok, we won't use vfork()."
  val="$undef"
  ;;
 esac
 ;;
esac
?X:
```

```
?X: Only set it when final value is known to avoid spurious Whoas
?X: Then set usevfork accordingly to the current value, for next run
?X:
set d_vfork
eval $setvar
case "$d_vfork" in
$define) usevfork='true';;
*) usevfork='false';;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_vfork.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: sitelib.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera $
?RCS:
?RCS: Copyright (c) 1996-1998, Andy Dougherty
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: sitelib.U,v $
?RCS: Revision 1.1  1999/07/08 18:32:57  doughera
?RCS: Initial revision
?RCS:
?RCS: Revision 3.0.1.1  1997/02/28  16:21:35  ram
?RCS: patch61: created
?RCS:
?MAKE:sitelib sitelibexp installsitelib sitelib_stem: cat Getfile Oldconfig \
 Setprefixvar Prefixit package version sed installstyle siteprefix
?MAKE: -pick add $@ %<
?Y:TOP
?D:sitelib=''
?S:sitelib:
?S: This variable contains the
 eventual value of the SITELIB symbol,
?S: which is the name of the private library for this package.  It may
?S: have a ~ on the front. It is up to the makefile to eventually create
?S: this directory while performing installation (with ~ substitution).
?S: The standard distribution will put nothing in this directory.
?S: After perl has been installed, users may install their own local
?S: architecture-independent modules in this directory with
?S:  MakeMaker Makefile.PL
```

```
?S: or equivalent.  See INSTALL for details.
?S:.
?D:sitelibexp="
?S:sitelibexp:
?S: This variable is the ~name expanded version of sitelib, so that you
?S: may use it directly in Makefiles or shell scripts.
?S:.
?D:installsitelib="
?S:installsitelib:
?S: This variable is really the same as sitelibexp but may differ on
?S: those systems using AFS. For extra portability, only this variable
?S: should be used in makefiles.
?S:.
?S:sitelib_stem:
?S: This variable is $sitelibexp with any trailing version-specific component
?S: removed.
  The elements in inc_version_list (inc_version_list.U) can
?S: be tacked onto this variable to generate a list of directories to search.
?S:.
?C:SITELIB:
?C: This symbol contains the name of the private library for this package.
?C: The library is private in the sense that it needn't be in anyone's
?C: execution path, but it should be accessible by the world.  The program
?C: should be prepared to do ~ expansion.
?C: The standard distribution will put nothing in this directory.
?C: After perl has been installed, users may install their own local
?C: architecture-independent modules in this directory with
?C:  MakeMaker Makefile.PL
?C: or equivalent.  See INSTALL for details.
?C:.
?C:SITELIB_EXP:
?C: This symbol contains the ~name expanded version of SITELIB, to be used
?C: in programs that are not prepared to deal with ~ expansion at run-time.
?C:.
?C:SITELIB_STEM:
?C: This define is SITELIB_EXP with any trailing version-specific component
?C: removed.  The elements in
 inc_version_list (inc_version_list.U) can
?C: be tacked onto this variable to generate a list of directories to search.
?C:.
?H:#define SITELIB "$sitelib"  /**/
?H:#define SITELIB_EXP "$sitelibexp"  /**/
?H:#define SITELIB_STEM "$sitelib_stem"  /**/
?H:.
?T:prog
?LINT:change prefixvar
?LINT:set installsitelib
?LINT:set sitelib
```

```
?LINT:set sitelibexp
: determine where site specific libraries go.
: Usual default is /usr/local/lib/perl5/site_perl/$version
: The default "style" setting is made in installstyle.U
: XXX No longer works with Prefixit stuff.
?X: remove any trailing -3.0 or other version identification
prog=`echo $package | $sed 's/-*[0-9.]*$//'`
case "$sitelib" in
") case "$installstyle" in
 *lib/perl5*) dflt=$siteprefix/lib/$package/site_$prog/$version ;;
 *)  dflt=$siteprefix/lib/site_$prog/$version ;;
 esac
 ;;
*) dflt="$sitelib"
 ;;
esac
$cat <<EOM

The installation process will create a directory for
site-specific extensions and modules.  Most users find it convenient
to place
 all site-specific files in this directory rather than in the
main distribution directory.

EOM
fn=d~+
rp='Pathname for the site-specific library files?'
. ./getfile
prefixvar=sitelib
. ./setprefixvar
sitelib_stem=`echo "$sitelibexp" | sed "s,/$version$,,"`
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/sitelib.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_locale.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1996, Andy Dougherty
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
```

```
?RCS: $Log: i_locale.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  15:48:23  ram
?RCS: patch61: created
?RCS:
?MAKE:i_locale: Inhdr
?MAKE: -pick add $@ %<
?S:i_locale:
?S: This variable conditionally defines the I_LOCALE symbol,
?S: and indicates whether a C program should include <locale.h>.
?S:.
?C:I_LOCALE:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <locale.h>.
?C:.
?H:#$i_locale I_LOCALE  /**/
?H:.
?LINT:set
 i_locale
: see if locale.h is available
set locale.h i_locale
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_locale.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_endpwent.U,v $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: d_endpwent.U,v $
?RCS:
?MAKE:d_endpwent: Inlibc
?MAKE: -pick add $@ %<
?S:d_endpwent:
?S: This variable conditionally defines the HAS_ENDPWENT symbol, which
?S: indicates to the C program that the endpwent() routine is available
?S: for sequential access of the passwd database.
?S:.
?C:HAS_ENDPWENT:
?C: This symbol, if defined, indicates that the getgrent routine is
?C: available for finalizing sequential access of the passwd database.
?C:.
?H:#$d_endpwent HAS_ENDPWENT  /**/
```

```
?H:.
?LINT:set d_endpwent
: see if endpwent exists
set endpwent d_endpwent
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_endpwent.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_setproctitle: Inlibc
?MAKE: -pick add $@ %<
?S:d_setproctitle:
?S: This variable conditionally defines the HAS_SETPROCTITLE symbol,
?S: which indicates to the C program that the setproctitle() routine
?S: is available.
?S:.
?C:HAS_SETPROCTITLE:
?C: This symbol, if defined, indicates that the setproctitle routine is
?C: available to set process title.
?C:.
?H:#$d_setproctitle HAS_SETPROCTITLE  /**/
?H:.
?LINT:set d_setproctitle
: see if setproctitle exists
set setproctitle d_setproctitle
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_setproctitle.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getprior.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_getprior.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:16  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_getprior: Inlibc
?MAKE: -pick add $@ %<
?S:d_getprior:
?S: This variable conditionally defines HAS_GETPRIORITY if getpriority()
?S: is available to get a process's priority.
?S:.
?C:HAS_GETPRIORITY (GETPRIORITY):
?C: This symbol, if defined, indicates that the getpriority routine is
?C: available to get a process's priority.
?C:.
?H:#$d_getprior
 HAS_GETPRIORITY  /**/
?H:.
: see if getpriority exists
?LINT:set d_getprior
set getpriority d_getprior
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_getprior.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: mailfile.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: mailfile.U,v $
?RCS: Revision 3.0.1.2  1994/10/29  16:24:57  ram
?RCS: patch36: the Loc unit was missing from the dependency line
?RCS:
?RCS: Revision 3.0.1.1  1993/12/15  08:22:08  ram
?RCS: patch15: now also looks under /var/mail for BSD/386
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:11  ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:mailfile: Myread Oldconfig Filexp Loc
?MAKE: -pick add $@ %<
?S:mailfile:
?S: This variable contains
 the eventual value of the MAILFILE symbol,
?S: which contains an interpretable name of the mail spool file for the
?S: current user.
?S:.
?C:MAILFILE:
?C: This symbol contains the interpretable name of the mail spool file
?C: for the current user.  The program must be prepared to substitute
?C: the HOME directory for %~, and the login id for %L.
?C:.
?H:#define MAILFILE "$mailfile"  /**/
?H:.
: determine where mail is spooled
case "$mailfile" in
")
 dflt=`./loc . XXX /usr/spool/mail /usr/mail /var/mail`
 case "$dflt" in
 XXX) dflt='%~/mailbox';;
 *) dflt="$dflt/%L";;
 esac
 ;;
*)  dflt="$mailfile"
 ;;
esac
cat <<'EOM'

In the following question, you may use %~ to represent the user's home
directory, and %L to represent a users name.

EOM
rp='In which file is yet-to-be-read mail spooled? (~name ok)'
. ./myread
mailfile=`./filexp "$ans"`
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/mailfile.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: charorder.U,v $
?RCS: Revision 3.0.1.1  1994/10/29  16:07:08  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:33  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:chorder_int chorder_short chorder_long: Myread cat +cc +ccflags rm
?MAKE: -pick add $@ %<
?S:chorder_short (d_cos d_bos):
?S: Holds the value describing the byte ordering of characters in a short.
?S: On a Big-Endian machine, that would be "c0c1".
?S:.
?S:chorder_int
 (charoder):
?S: Holds the value describing the byte ordering of characters in an int.
?S: For instance, on a Big-Endian machine, this would be: "c0c1c2c3".
?S:.
?S:chorder_long (d_col d_bol):
?S: Holds the value describing the byte ordering of characters in a long.
?S: On a 64 bits Big-Endian machine, that would yield: "c0c1c2c3c4c5c6c7".
?S:.
?C:CHAR_ORDER_SHORT:
?C: Holds the byte ordering of characters in a short. It's a string
?C: value like "c0c1" on a Big-Endian machine.
?C:.
?C:CHAR_ORDER_INT:
?C: Holds the byte ordering of characters in an int. It's a string
?C: value like "c0c1c2c3" on a Big-Endian machine.
?C:.
?C:CHAR_ORDER_LONG:
?C: Holds the byte ordering of characters in a long. It's a string
?C: value like "c0c1c2c3c4c5c6c7" on a 64 bits Big-Endian machine.
?C:.
?H:#define CHAR_ORDER_SHORT "$chorder_short" /* byte order in a short */
?H:#define CHAR_ORDER_INT "$chorder_int" /* byte order in an int */
?H:#define CHAR_ORDER_LONG "$chorder_long" /* byte order in a long */
?H:.
?F:!byteorder
:
 check for character ordering
echo " "
```

```
echo "Checking out byte order..." >&4
$cat >byteorder.c <<'EOCP'
#include <stdio.h>

main(argc, argv)
 int argc;
 char *argv[]; {
 int i;
 int max;
 union {
  short u_s;
  int u_i;
  long u_l;
  char u_c[sizeof(long)];
 } u;
 switch (argv[1][0]) {
 case 'l':
  u.u_l = 0L;
  /* HMS: ASSERT: sizeof(long) < 10. */
  for(i = 0; i < sizeof(long); ++i) {
   u.u_l *= 0x100L;
   u.u_l += (0xc0 + i);
  }
  max = sizeof(long);
  break;
 case 's':
  u.u_s = 0;
  /* HMS: ASSERT: sizeof(short) < 10. */
  for(i = 0; i < sizeof(short); ++i) {
   u.u_s *= 0x100L;
   u.u_s += (0xc0 + i);
  }
  max = sizeof(short);
  break;
 case 'i':
  u.u_i = 0;
  /* RAM: ASSERT: sizeof(int) < 10. */
  for(i = 0; i < sizeof(int); ++i) {
   u.u_l *= 0x100L;
   u.u_l += (0xc0 + i);
  }
  max = sizeof(int);
  break;
 default:
  max = 0;
  break;
 }
 for(i = 0; i < max; i++) {
```

```
  printf("%x", u.u_c[i] & 0x00FF);
 }
 printf("\n");
 exit(0);
}
EOCP
if $cc $ccflags -o
 byteorder byteorder.c >/dev/null 2>&1 ; then
 : null statement
@if chorder_short
   chorder_short=`./byteorder s`
@end
@if chorder_int
   chorder_int=`./byteorder i`
@end
@if chorder_long
   chorder_long=`./byteorder l`
@end
else
 $cat <<EOM
(I can't seem to get my test program to work.  Guessing 32 bits big-endian.)
EOM
   chorder_short="c0c1"
   chorder_int="c0c1c2c3"
   chorder_long="c0c1c2c3"
fi
@if chorder_short
dflt=$chorder_short
rp='What is the order of characters in a short?'
. ./myread
chorder_short="$ans"
@end
@if chorder_int
dflt=$chorder_int
rp='What is the order of characters in an int?'
. ./myread
chorder_int="$ans"
@end
@if chorder_long
dflt=$chorder_long
rp='What is the order of characters in a long?'
. ./myread
chorder_long="$ans"
@end
$rm -f byteorder* core
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/dist/U/charorder.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: i_stdlib.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_stdlib.U,v $
?RCS: Revision 3.0 1993/08/18 12:08:27 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_stdlib: Nothing
?MAKE: -pick add $@ %<
?S:i_stdlib:
?S: This variable unconditionally defines the I_STDLIB symbol.
?S:.
?C:I_STDLIB:
?C: This symbol is always defined, indicating that <stdlib.h> exists
?C: and should be included.
?C:.
?H:#define I_STDLIB /**/
?H:.
: stub, used only to satisfy other units
i_stdlib='define'

Found in
 path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_stdlib.U
No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_logb: Inlibc
?MAKE: -pick add $@ %<
?S:d_logb:
?S: This variable conditionally defines the HAS_LOGB symbol, which
?S: indicates to the C program that the logb() routine is available
?S: to extract the exponent of x.
?S:.
?C:HAS_LOGB:

```
?C: This symbol, if defined, indicates that the logb routine is
?C: available to do the logb function.
?C:.
?H:#$d_logb HAS_LOGB  /**/
?H:.
?LINT:set d_logb
: see if logb exists
set logb d_logb
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_logb.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2001 Jarkko Hietaniemi
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_strftime: Inlibc
?MAKE: -pick add $@ %<
?S:d_strftime:
?S: This variable conditionally defines the HAS_STRFTIME symbol, which
?S: indicates to the C program that the strftime() routine is available.
?S:.
?C:HAS_STRFTIME:
?C: This symbol, if defined, indicates that the strftime routine is
?C: available to do time formatting.
?C:.
?H:#$d_strftime HAS_STRFTIME  /**/
?H:.
?LINT:set d_strftime
: see if strftime exists
set strftime d_strftime
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strftime.U
No license file was found, but licenses were detected in source scan.

```
?RCS: Copyright (c) 2016 Dagfinn Ilmari Mannsker & H.Merijn Brand
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
?X:
?X: This unit produces a variable that is intended to be eval'ed in
?X: order to define/undefine a symbol. A consistency check is made
?X: regarding any previous value and a warning is issued if there
?X: is any discrepancy.
?X:
?X: To use it, say:
?X: set d_siginfo_si_errno siginfo_t int si_errno $d_sigaction signal.h
?X: eval $hasfield_t;
?X:
?MAKE:Hasfield_t: test Compile rm_try Setvar
?MAKE: -pick add $@ %<
?LINT:define hasfield_t
?S:hasfield_t:
?S: Internal macro for Configure
?S:.
?V:hasfield_t:
?T:varname struct type field
: Define hasfield_t macro for Configure internal use
hasfield_t='varname=$1; struct=$2; type=$3; field=$4; shift; shift; shift; shift;
while $test $# -ge 2; do
   case
 "$1" in
 $define) echo "#include <$2>";;
   esac ;
   shift 2;
done > try.c;
echo "int main () { $struct foo; $type bar = foo.$field; }" >> try.c;
set try;
if eval $compile; then
 val="$define";
else
 val="$undef";
fi;
set $varname;
eval $setvar;
$rm_try'
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/Hasfield_t.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_nexttoward: Inlibc
```

```
?MAKE: -pick add $@ %<
?S:d_nexttoward:
?S: This variable conditionally defines HAS_NEXTTOWARD if nexttoward()
?S: is available to return the next machine representable long double from
?S: x in direction y.
?S:.
?C:HAS_NEXTTOWARD:
?C: This symbol, if defined, indicates that the nexttoward routine is
?C: available to return the next machine representable long double from
?C: x in direction y.
?C:.
?H:#$d_nexttoward HAS_NEXTTOWARD  /**/
?H:.
?LINT:set d_nexttoward
: see if nexttoward exists
set nexttoward d_nexttoward
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_nexttoward.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Guess.U,v $
?RCS: Revision 3.0.1.5  1995/07/25  13:37:14  ram
?RCS: patch56: now knows about OS/2 platforms
?RCS:
?RCS: Revision 3.0.1.4  1994/10/29  15:53:55  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS: patch36: call ./xenix explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0.1.3  1993/12/15  08:14:35  ram
?RCS: patch15: variable d_bsd was not always set properly
?RCS:
?RCS: Revision 3.0.1.2  1993/08/30  08:57:14  ram
?RCS: patch8: fixed comment which wrongly
 attributed the usrinc symbol
?RCS: patch8: no more ugly messages when no /usr/include/ctype.h
```

```
?RCS:
?RCS: Revision 3.0.1.1  1993/08/27  14:37:37  ram
?RCS: patch7: added support for OSF/1 machines
?RCS:
?RCS: Revision 3.0  1993/08/18  12:04:57  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit hazards some guesses as to what the general nature of the system
?X: is.  The information it collects here is used primarily to establish default
?X: answers to other questions.
?X:
?MAKE:Guess d_eunice d_xenix d_bsd d_linux d_dos d_os2: cat test echo n c \
 contains rm tr Loc eunicefix
?MAKE: -pick add $@ %<
?S:d_eunice:
?S: This variable conditionally defines the symbols EUNICE_SYSTEM, which
?S: alerts the C program that it must deal with ideosyncracies of VMS.
?S:.
?S:d_xenix:
?S: This variable conditionally defines the symbol XENIX_SYSTEM, which alerts
?S: the C program that it runs under Xenix.
?S:.
?S:d_dos:
?S: This symbol conditionally defines the symbol DOS_SYSTEM
 when running on
?S: DOS with DJGPP or Cygwin.
?S:.
?S:d_os2:
?S: This symbol conditionally defines the symbol OS2_SYSTEM when running on
?S: an OS/2 system.
?S:.
?S:d_bsd:
?S: This symbol conditionally defines the symbol BSD_SYSTEM when running on a
?S: BSD system.
?S:.
?S:d_linux:
?S: This symbol conditionally defines the symbol LINUX_SYSTEM when running
?S: on a Linux system.
?S:.
?C:EUNICE_SYSTEM (EUNICE):
?C: This symbol, if defined, indicates that the program is being compiled
?C: under the EUNICE package under VMS.  The program will need to handle
?C: things like files that don't go away the first time you unlink them,
?C: due to version numbering.  It will also need to compensate for lack
?C: of a respectable link() command.
?C:.
?C:VMS_SYSTEM (VMS):
```

```
?C: This symbol, if defined, indicates that the program is running under
?C: VMS.  It is currently only set in conjunction with the EUNICE symbol.
?C:.
?C:XENIX_SYSTEM (XENIX):
?C: This symbol, if defined, indicates that the program
 is running under
?C: Xenix (at least 3.0 ?).
?C:.
?C:DOS_SYSTEM:
?C: This symbol, if defined, indicates that the program is running under
?C: DOS with DJGPP.
?C:.
?C:OS2_SYSTEM:
?C: This symbol, if defined, indicates that the program is running under
?C: an OS/2 system.
?C:.
?C:BSD_SYSTEM:
?C: This symbol, if defined, indicates that the program is running under
?C: a BSD system.
?C:.
?C:LINUX_SYSTEM:
?C: This symbol, if defined, indicates that the program is running under
?C: a Linux system.
?C:.
?H:#$d_eunice EUNICE_SYSTEM  /**/
?H:#$d_eunice VMS_SYSTEM  /**/
?H:#$d_xenix XENIX_SYSTEM  /**/
?H:#$d_dos DOS_SYSTEM  /**/
?H:#$d_os2 OS2_SYSTEM  /**/
?H:#$d_bsd BSD_SYSTEM  /**/
?H:#$d_linux LINUX_SYSTEM  /**/
?H:.
?F:./bsd ./usg ./v7 ./osf1 ./eunice ./xenix ./venix ./dos ./os2 ./gnu ./linux
?T:xxx DJGPP MACHTYPE
: make some quick guesses about what we are up against
echo " "
$echo $n "Hmm...  $c"
echo exit 1 >bsd
echo exit 1 >usg
echo exit 1 >v7
echo exit 1 >osf1
echo exit 1 >eunice
echo
 exit 1 >xenix
echo exit 1 >venix
echo exit 1 >os2
echo exit 1 >gnu
echo exit 1 >linux
```

```
echo exit 1 >dos
d_bsd="$undef"
d_linux="$undef"
d_dos="$undef"
d_os2="$undef"
?X:
?X: Do not use 'usrinc', or we get a circular dependency. because
?X: usrinc is defined in usrinc.U, which relies on us...
?X:
$cat /usr/include/signal.h /usr/include/sys/signal.h >foo 2>/dev/null
if test -f /osf_boot || $contains 'OSF/1' /usr/include/ctype.h >/dev/null 2>&1
then
 echo "Looks kind of like an OSF/1 system, but we'll see..."
 echo exit 0 >osf1
elif test `echo abc | $tr a-z A-Z` = Abc ; then
 xxx=`./loc addbib blurfl $pth`
 if $test -f $xxx; then
 echo "Looks kind of like a USG system with BSD features, but we'll see..."
  echo exit 0 >bsd
  echo exit 0 >usg
 else
  if $contains SIGTSTP foo >/dev/null 2>&1 ; then
   echo "Looks kind of like an extended USG system, but we'll see..."
  else
   echo "Looks kind of like a USG system, but we'll see..."
  fi
  echo exit 0 >usg
 fi
elif $contains SIGTSTP foo >/dev/null
 2>&1 ; then
 echo "Looks kind of like a BSD system, but we'll see..."
 d_bsd="$define"
 echo exit 0 >bsd
elif
 $rm --version 2>/dev/null >foo;
 $contains "Free Software Foundation" foo >/dev/null
then
 xxx=`uname`
 echo exit 0 >gnu
 echo "Looks kind of like a GNU/$xxx system, but we'll see..."
 if $test X$xxx = XLinux; then
  d_linux="$define"
  echo exit 0 >linux
 fi
else
 echo "Looks kind of like a Version 7 system, but we'll see..."
 echo exit 0 >v7
fi
```

```
case "$eunicefix" in
*unixtovms*)
 $cat <<'EOI'
There is, however, a strange, musty smell in the air that reminds me of
something...hmm...yes...I've got it...there's a VMS nearby, or I'm a Blit.
EOI
 echo exit 0 >eunice
 d_eunice="$define"
: it so happens the Eunice I know will not run shell scripts in Unix format
 ;;
*)
 echo " "
 echo "Congratulations.  You aren't running Eunice."
 d_eunice="$undef"
 ;;
esac
case "$p_" in
:) ;;
*)
 $cat <<'EOI'
I have the feeling something is not exactly right, however...don't tell me...
EOI
 if
 test -n "$DJGPP"; then
  case "X${MACHTYPE:-nonesuchmach}" in
  cygwin) echo "hah!... you're running under Cygwin!";;
  *) echo "got it... you're running DOS with DJGPP!";;
  esac
  echo exit 0 >dos
  d_dos="$define"
 else
  $cat <<'EOI'
lemme think...does HAL ring a bell?...no, of course, you're only running OS/2!
EOI
  echo exit 0 >os2
  d_os2="$define"
 fi
 ;;
esac
if test -f /xenix; then
 echo "Actually, this looks more like a XENIX system..."
 echo exit 0 >xenix
 d_xenix="$define"
else
 echo " "
 echo "It's not Xenix..."
 d_xenix="$undef"
fi
```

```
chmod +x xenix
$eunicefix xenix
if test -f /venix; then
 echo "Actually, this looks more like a VENIX system..."
 echo exit 0 >venix
else
 echo " "
 if ./xenix; then
  : null
 else
  echo "Nor is it Venix..."
 fi
fi
chmod +x bsd usg v7 osf1 eunice xenix venix dos os2 gnu linux
$eunicefix bsd usg v7 osf1 eunice xenix venix dos os2 gnu linux
$rm -f foo
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Guess.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2005 H.Merijn Brand
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_clearenv: Inlibc
?MAKE: -pick add $@ %<
?S:d_clearenv:
?S: This variable conditionally defines the HAS_CLEARENV symbol, which
?S: indicates to the C program that the clearenv () routine is available.
?S:.
?C:HAS_CLEARENV:
?C: This symbol, if defined, indicates that the clearenv () routine is
?C: available for use.
?C:.
?H:#$d_clearenv HAS_CLEARENV  /**/
?H:.
?LINT:set d_clearenv
: see if clearenv exists
set clearenv d_clearenv
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/perl/d_clearenv.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_popen.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_popen.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:47  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_popen: Inlibc
?MAKE: -pick add $@ %<
?S:d_popen:
?S: This variable conditionally defines HAS_POPEN if popen() is
?S: available to open a pipe from a process.
?S:.
?C:HAS_POPEN (POPEN):
?C: This symbol, if defined, indicates that the popen routine is
?C: available to open a pipe from a process.
?C:.
?H:#$d_popen HAS_POPEN  /**/
?H:.
?LINT:set
 d_popen
: see if popen exists
set popen d_popen
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_popen.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: nblock_io.U,v 3.0.1.2 1997/02/28 16:17:14 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: nblock_io.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  16:17:14  ram
?RCS: patch61: simplify here document for shells that can't handle them well
?RCS: patch61: force use of "startsh" at the head of the generated script
?RCS: patch61: added new files to the ?F: metalint hint
?RCS:
?RCS: Revision 3.0.1.1  1995/07/25  14:13:22  ram
?RCS: patch56: created
?RCS:
?X:
?X: Simplify here document for shells that can't handle them well.
?X: (Problem reported on FreeBSD;
 it's unclear if this helps.)  --AD
?X:
?MAKE:o_nonblock eagain rd_nodata d_eofnblk: cat rm_try Compile run \
 d_open3 h_sysfile h_fcntl signal_t hint Oldconfig Setvar \
 startsh i_unistd i_fcntl i_stdlib d_fork d_pipe d_alarm
?MAKE: -pick add $@ %<
?S:o_nonblock:
?S: This variable bears the symbol value to be used during open() or fcntl()
?S: to turn on non-blocking I/O for a file descriptor. If you wish to switch
?S: between blocking and non-blocking, you may try ioctl(FIOSNBIO) instead,
?S: but that is only supported by some devices.
?S:.
?S:eagain:
?S: This variable bears the symbolic errno code set by read() when no
?S: data is present on the file and non-blocking I/O was enabled (otherwise,
?S: read() blocks naturally).
?S:.
?S:rd_nodata:
?S: This variable holds the return code from read() when no data is
?S: present. It should be -1, but some systems return 0 when O_NDELAY is
?S: used, which is a shame because you cannot make the difference between
?S: no data and an EOF.. Sigh!
?S:.
?S:d_eofnblk:
?S: This
 variable conditionally defines EOF_NONBLOCK if EOF can be seen
?S: when reading from a non-blocking I/O source.
?S:.
?C:VAL_O_NONBLOCK:
?C: This symbol is to be used during open() or fcntl(F_SETFL) to turn on
?C: non-blocking I/O for the file descriptor. Note that there is no way
?C: back, i.e. you cannot turn it blocking again this way. If you wish to
?C: alternatively switch between blocking and non-blocking, use the
?C: ioctl(FIOSNBIO) call instead, but that is not supported by all devices.
```

```
?C:.
?C:VAL_EAGAIN:
?C: This symbol holds the errno error code set by read() when no data was
?C: present on the non-blocking file descriptor.
?C:.
?C:RD_NODATA:
?C: This symbol holds the return code from read() when no data is present
?C: on the non-blocking file descriptor. Be careful! If EOF_NONBLOCK is
?C: not defined, then you can't distinguish between no data and EOF by
?C: issuing a read(). You'll have to find another way to tell for sure!
?C:.
?C:EOF_NONBLOCK:
?C: This
 symbol, if defined, indicates to the C program that a read() on
?C: a non-blocking file descriptor will return 0 on EOF, and not the value
?C: held in RD_NODATA (-1 usually, in that case!).
?C:.
?H:#define VAL_O_NONBLOCK $o_nonblock
?H:#define VAL_EAGAIN $eagain
?H:#define RD_NODATA $rd_nodata
?H:#$d_eofnblk EOF_NONBLOCK
?H:.
?T:status
?F:!try.out !try.ret !try.err !try !mtry
?LINT:use d_open3
: check for non-blocking I/O stuff
case "$h_sysfile" in
true) echo "#include <sys/file.h>" > head.c;;
*)
	case "$h_fcntl" in
	true) echo "#include <fcntl.h>" > head.c;;
	*) echo "#include <sys/fcntl.h>" > head.c;;
	esac
	;;
esac
echo " "
echo "Figuring out the flag used by open() for non-blocking I/O..." >&4
case "$o_nonblock" in
")
 $cat head.c > try.c
 $cat >>try.c <<EOCP
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#$i_fcntl I_FCNTL
#ifdef I_FCNTL
```

```
#include <fcntl.h>
#endif
int main() {
#ifdef O_NONBLOCK
 printf("O_NONBLOCK\n");
 exit(0);
#endif
#ifdef
 O_NDELAY
 printf("O_NDELAY\n");
 exit(0);
#endif
?X: Stevens "Advanced Programming in the UNIX Environment" page 364 mentions
?X: the FNDELAY symbol, used in 4.3BSD (source: Paul Marquess).
#ifdef FNDELAY
 printf("FNDELAY\n");
 exit(0);
#endif
 exit(0);
}
EOCP
 set try
 if eval $compile_ok; then
  o_nonblock=`$run ./try`
  case "$o_nonblock" in
  ") echo "I can't figure it out, assuming O_NONBLOCK will do.";;
  *) echo "Seems like we can use $o_nonblock.";;
  esac
 else
  echo "(I can't compile the test program; pray O_NONBLOCK is right!)"
 fi
 ;;
*) echo "Using $hint value $o_nonblock.";;
esac
$rm_try

echo " "
echo "Let's see what value errno gets from read() on a $o_nonblock file..." >&4
case "$eagain" in
")
 case "$d_fork:$d_pipe:$d_alarm" in
 define:define:define)
 $cat head.c > try.c
 $cat >>try.c <<EOCP
#include <errno.h>
#include <sys/types.h>
#include <signal.h>
#include <stdio.h>
```

```
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#$i_fcntl
 I_FCNTL
#ifdef I_FCNTL
#include <fcntl.h>
#endif
#define MY_O_NONBLOCK $o_nonblock
#ifndef errno  /* XXX need better Configure test */
extern int errno;
#endif
#$i_unistd I_UNISTD
#ifdef I_UNISTD
#include <unistd.h>
#endif
#include <string.h>
$signal_t blech(int x) { exit(3); }
EOCP
 $cat >> try.c <<'EOCP'
int main()
{
 int pd[2];
 int pu[2];
 char buf[1];
 char string[100];
 int ret;

 ret = pipe(pd); /* Down: child -> parent */
 if (ret != 0)
  exit(3);
 ret = pipe(pu); /* Up: parent -> child */
 if (ret != 0)
  exit(3);
 if (0 != fork()) {
  close(pd[1]); /* Parent reads from pd[0] */
  close(pu[0]); /* Parent writes (blocking) to pu[1] */
#ifdef F_SETFL
  if (-1 == fcntl(pd[0], F_SETFL, MY_O_NONBLOCK))
   exit(1);
#else
  exit(4);
#endif
  signal(SIGALRM, blech);
  alarm(5);
  if ((ret = read(pd[0], buf, 1)) > 0) /* Nothing to read! */
   exit(2);
```

```
  sprintf(string, "%d\n", ret);
  ret = write(2, string, strlen(string));
  if (ret != strlen(string))
   exit(3);
  alarm(0);
#ifdef
 EAGAIN
  if (errno == EAGAIN) {
   printf("EAGAIN\n");
   goto ok;
  }
#endif
#ifdef EWOULDBLOCK
  if (errno == EWOULDBLOCK)
   printf("EWOULDBLOCK\n");
#endif
 ok:
  ret = write(pu[1], buf, 1); /* Unblocks child, tell it to close our pipe */
  if (ret != 1)
   exit(3);
  sleep(2);    /* Give it time to close our pipe */
  alarm(5);
  ret = read(pd[0], buf, 1); /* Should read EOF */
  alarm(0);
  sprintf(string, "%d\n", ret);
  ret = write(4, string, strlen(string));
  if (ret != strlen(string))
   exit(3);
  exit(0);
 }

 close(pd[0]);   /* We write to pd[1] */
 close(pu[1]);   /* We read from pu[0] */
 ret = read(pu[0], buf, 1); /* Wait for parent to signal us we may continue */
 if (ret != 1)
  exit(3);
 close(pd[1]);   /* Pipe pd is now fully closed! */
 exit(0);    /* Bye bye, thank you for playing! */
}
EOCP
 set try
 if eval $compile_ok; then
?X: Use script to avoid the possible 'alarm call' message
  echo "$startsh" >mtry
  echo "$run ./try >try.out 2>try.ret 4>try.err
 || exit 4" >>mtry
  chmod +x mtry
  $run ./mtry >/dev/null 2>&1
```

```
 case $? in
 0) eagain=`$cat try.out`;;
 1) echo "Could not perform non-blocking setting!";;
 2) echo "I did a successful read() for something that was not there!";;
 3) echo "Hmm... non-blocking I/O does not seem to be working!";;
 4) echo "Could not find F_SETFL!";;
 *) echo "Something terribly wrong happened during testing.";;
 esac
 rd_nodata=`$cat try.ret`
 echo "A read() system call with no data present returns $rd_nodata."
 case "$rd_nodata" in
 0|-1) ;;
 *)
  echo "(That's peculiar, fixing that to be -1.)"
  rd_nodata=-1
  ;;
 esac
 case "$eagain" in
 ")
  echo "Forcing errno EAGAIN on read() with no data available."
  eagain=EAGAIN
  ;;
 *)
  echo "Your read() sets errno to $eagain when no data is available."
  ;;
 esac
 status=`$cat try.err`
 case "$status" in
 0) echo "And it correctly returns 0 to signal EOF.";;
 -1) echo "But it also returns -1 to signal EOF, so be careful!";;
 *)
echo "However, your read() returns '$status' on EOF??";;
 esac
 val="$define"
 if test "$status" = "$rd_nodata"; then
  echo "WARNING: you can't distinguish between EOF and no data!"
  val="$undef"
 fi
else
 echo "I can't compile the test program--assuming errno EAGAIN will do."
 eagain=EAGAIN
fi
;;
*) echo "Can't figure out how to test this--assuming errno EAGAIN will do."
 eagain=EAGAIN
 val="$define"
 ;;
esac
```

```
 set d_eofnblk
 eval $setvar
 ;;
*)
 echo "Using $hint value $eagain."
 echo "Your read() returns $rd_nodata when no data is present."
 case "$d_eofnblk" in
 "$define") echo "And you can see EOF because read() returns 0.";;
 "$undef") echo "But you can't see EOF status from read() returned value.";;
 *)
?X: Should not happen, but if it does, assume the worst!
  echo "(Assuming you can't see EOF status from read anyway.)"
  d_eofnblk=$undef
  ;;
 esac
 ;;
esac
$rm_try head.c mtry
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/nblock_io.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_endsent.U,v 3.0 1993/08/18 12:06:09 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_endsent.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:09  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_endsent: Inlibc
?MAKE: -pick add $@ %<
?S:d_endsent:
?S: This variable conditionally defines HAS_ENDSERVENT if endservent() is
?S: available to close whatever was being used for service queries.
?S:.
?C:HAS_ENDSERVENT:
?C: This symbol, if defined, indicates that the endservent() routine is
?C: available to close whatever was being used for
```

```
 service queries.
?C:.
?H:#$d_endsent HAS_ENDSERVENT  /**/
?H:.
?LINT:set d_endsent
: see if endservent exists
set endservent d_endsent
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_endsent.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Config_sh.U,v $
?RCS: Revision 3.0.1.3  1997/02/28  14:57:53  ram
?RCS: patch61: added support for src.U
?RCS:
?RCS: Revision 3.0.1.2  1995/01/11  14:53:31  ram
?RCS: patch45: moved path stripping from d_portable.U to end of Configure
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  15:50:37  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0  1993/08/18  12:04:48  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit ends up producing the config.sh
 script, which contains all the
?X: definitions figured out by Configure.  The add.Config_sh command knows
?X: which variables need to be remembered.  It also adds the EOT (ends the
?X: here document redirection with variable substitution).
?X:
?MAKE:Config_sh: cf_time cf_by test spitshell startsh myuname Myread \
 End Obsol_sh Loc +d_portable package src cat sed
?MAKE: -pick add.Config_sh $@ %<
?MAKE: -pick add $@ ./Obsol_sh
```

```
?MAKE: -pick close.Config_sh $@ %<
?F:!config.over !config.arch
?T:file sfile xsed
?LINT:unclosed EOT
: back to where it started
if test -d ../UU; then
 cd ..
fi

: configuration may be unconditionally patched via a 'config.arch' file
if $test -f config.arch; then
 echo "I see a config.arch file, loading it." >&4
 . ./config.arch
fi

: configuration may be patched via a 'config.over' file
if $test -f config.over; then
 echo " "
 dflt=y
 rp='I see a config.over file.  Do you wish to load it?'
 . UU/myread
 case "$ans" in
 n*) echo "OK, I'll ignore it.";;
 *) . ./config.over
  echo
 "Configuration override changes have been loaded."
  ;;
 esac
fi

@if d_portable
: in case they want portability, strip down executable paths
?X:
?X: Strip down paths in located executables. For each file, e.g. vi, there
?X: is a $vi variable whose value is for instance '/usr/bin/vi'. By resetting
?X: $vi to 'vi', we rely on the PATH variable to locate the executable...
?X: In order to allow vi='/usr/bin/nvi' which will strip down to vi='nvi',
?X: we can't just say 'eval $file="\$file"', we have to recourse to sed.
?X: We don't use basename since it is less portable than sed.
?X:
case "$d_portable" in
"$define")
 echo " "
 echo "Stripping down executable paths..." >&4
 xsed=$sed
 for file in $loclist $trylist; do
  eval sfile="\$$file"
  sfile=`echo $sfile | $xsed -e 's,.*/\(.*\),\1,'`
```

```
  eval $file="$sfile"
 done
 ;;
esac

@end
: create config.sh file
echo " "
echo "Creating config.sh..." >&4
$spitshell <<EOT >config.sh
$startsh
#
# This file was produced by running the
 Configure script. It holds all the
# definitions figured out by Configure. Should you modify one of these values,
# do not forget to propagate your changes by running "Configure -der". You may
# instead choose to run each of the .SH files by yourself, or "Configure -S".
#

# Package name      : $package
# Source directory  : $src
# Configuration time: $cf_time
# Configured by     : $cf_by
# Target system     : $myuname

EOT
?X: Command line options are saved by the Options.U unit in the
?X: temporary file UU/cmdline.opt
$test -f UU/cmdline.opt && $cat UU/cmdline.opt >> config.sh
$spitshell <<EOT >>config.sh
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Config_sh.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setgrent_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_setgrent_r setgrent_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_grp extern_C
?MAKE: -pick add $@ %<
?S:d_setgrent_r:
```

```
?S: This variable conditionally defines the HAS_SETGRENT_R symbol,
?S: which indicates to the C program that the setgrent_r()
?S: routine is available.
?S:.
?S:setgrent_r_proto:
?S: This variable encodes the prototype of setgrent_r.
?S: It is zero if d_setgrent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_setgrent_r
?S: is defined.
?S:.
?C:HAS_SETGRENT_R:
?C: This symbol, if defined, indicates that the setgrent_r routine
?C: is available to
 setgrent re-entrantly.
?C:.
?C:SETGRENT_R_PROTO:
?C: This symbol encodes the prototype of setgrent_r.
?C: It is zero if d_setgrent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_setgrent_r
?C: is defined.
?C:.
?H:#$d_setgrent_r HAS_SETGRENT_R /**/
?H:#define SETGRENT_R_PROTO $setgrent_r_proto /**/
?H:.
?T:try hdrs d_setgrent_r_proto
: see if setgrent_r exists
set setgrent_r d_setgrent_r
eval $inlibc
case "$d_setgrent_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_grp grp.h"
 case "$d_setgrent_r_proto:$usethreads" in
 ":define") d_setgrent_r_proto=define
  set d_setgrent_r_proto setgrent_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_setgrent_r_proto" in
 define)
 case "$setgrent_r_proto" in
 "|0) try='int setgrent_r(FILE**);'
 ./protochk "$extern_C $try" $hdrs && setgrent_r_proto=I_H ;;
 esac
 case "$setgrent_r_proto" in
 "|0) try='void setgrent_r(FILE**);'
 ./protochk "$extern_C $try" $hdrs && setgrent_r_proto=V_H ;;
 esac
 case "$setgrent_r_proto"
```

```
 in
 "|0) d_setgrent_r=undef
  setgrent_r_proto=0
  echo "Disabling setgrent_r, cannot determine prototype." >&4 ;;
 * ) case "$setgrent_r_proto" in
  REENTRANT_PROTO*) ;;
  *) setgrent_r_proto="REENTRANT_PROTO_$setgrent_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "setgrent_r has no prototype, not using it." >&4 ;;
  esac
  d_setgrent_r=undef
  setgrent_r_proto=0
  ;;
 esac
 ;;
*) setgrent_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_setgrent_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Extras.U,v$
?RCS:
?RCS: Copyright (c) 2001, Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:extras: Myread Oldconfig Setvar rm
?MAKE: -pick add $@ %<
?Y:TOP
?S:extras:
?S: This variable holds a list of extra modules to install.
?S:.
: See if we want extra modules installed
echo " "
case "$extras" in
") dflt='n';;
*) dflt='y';;
esac
cat <<EOM
```

```
Perl can be built with extra modules or bundles of modules which
will be fetched from the CPAN and installed alongside Perl.

Notice that you will need access to the CPAN; either via the Internet,
or a local copy, for example a CD-ROM or a local CPAN mirror.  (You will
be asked later to configure the CPAN.pm module which will in turn do
the installation of the rest of the extra modules or bundles.)

Notice also that if the modules require
 any external software such as
libraries and headers (the libz library and the zlib.h header for the
Compress::Zlib module, for example) you MUST have any such software
already installed, this configuration process will NOT install such
things for you.

If this doesn't make any sense to you, just accept the default '$dflt'.
EOM
rp='Install any extra modules (y or n)?'
. ./myread
case "$ans" in
y|Y)
 cat <<EOM

Please list any extra modules or bundles to be installed from CPAN,
with spaces between the names.  The names can be in any format the
'install' command of CPAN.pm will understand.  (Answer 'none',
without the quotes, to install no extra modules or bundles.)
EOM
 rp='Extras?'
 dflt="$extras"
 . ./myread
 extras="$ans"
esac
case "$extras" in
"|'none')
 val=''
 $rm -f ../extras.lst
 ;;
*) echo "(Saving the list of extras for later...)"
 echo "$extras" > ../extras.lst
 val="'$extras'"
 ;;
esac
set extras
eval $setvar
echo " "

Found in path(s):
```

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/Extras.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2017, 2019, Karl Williamson
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:i_wctype: Inhdr
?MAKE: -pick add $@ %<
?S:i_wctype:
?S: This variable conditionally defines the I_WCTYPE symbol,
?S: that indicates whether a C program may include <wctype.h>.
?S:.
?C:I_WCTYPE:
?C: This symbol, if defined, indicates that <wctype.h> exists.
?C:.
?H:#$i_wctype I_WCTYPE  /**/
?H:.
?LINT:set i_wctype
: see if this system has wctype.h
set wctype.h i_wctype
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_wctype.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getprotobyname_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_getprotobyname_r getprotobyname_r_proto: Inlibc Protochk Hasproto \
 i_systypes usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_getprotobyname_r:
?S: This variable conditionally defines the HAS_GETPROTOBYNAME_R symbol,
```

```
?S: which indicates to the C program that the getprotobyname_r()
?S: routine is available.
?S:.
?S:getprotobyname_r_proto:
?S: This variable encodes the prototype of getprotobyname_r.
?S: It is zero if d_getprotobyname_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getprotobyname_r
?S: is defined.
?S:.
?C:HAS_GETPROTOBYNAME_R:
?C: This symbol, if
 defined, indicates that the getprotobyname_r routine
?C: is available to getprotobyname re-entrantly.
?C:.
?C:GETPROTOBYNAME_R_PROTO:
?C: This symbol encodes the prototype of getprotobyname_r.
?C: It is zero if d_getprotobyname_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getprotobyname_r
?C: is defined.
?C:.
?H:#$d_getprotobyname_r HAS_GETPROTOBYNAME_R /**/
?H:#define GETPROTOBYNAME_R_PROTO $getprotobyname_r_proto /**/
?H:.
?T:try hdrs d_getprotobyname_r_proto
: see if getprotobyname_r exists
set getprotobyname_r d_getprotobyname_r
eval $inlibc
case "$d_getprotobyname_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
 case "$d_getprotobyname_r_proto:$usethreads" in
 ":define") d_getprotobyname_r_proto=define
  set d_getprotobyname_r_proto getprotobyname_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_getprotobyname_r_proto" in
 define)
 case "$getprotobyname_r_proto" in
 "|0) try='int getprotobyname_r(const char*, struct
 protoent*, char*, size_t, struct protoent**);'
 ./protochk "$extern_C $try" $hdrs && getprotobyname_r_proto=I_CSBWR ;;
 esac
 case "$getprotobyname_r_proto" in
 "|0) try='struct protoent* getprotobyname_r(const char*, struct protoent*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getprotobyname_r_proto=S_CSBI ;;
 esac
 case "$getprotobyname_r_proto" in
```

```
"|0) try='int getprotobyname_r(const char*, struct protoent*, struct protoent_data*);'
./protochk "$extern_C $try" $hdrs && getprotobyname_r_proto=I_CSD ;;
esac
case "$getprotobyname_r_proto" in
"|0) d_getprotobyname_r=undef
 getprotobyname_r_proto=0
 echo "Disabling getprotobyname_r, cannot determine prototype." >&4 ;;
* ) case "$getprotobyname_r_proto" in
 REENTRANT_PROTO*) ;;
 *) getprotobyname_r_proto="REENTRANT_PROTO_$getprotobyname_r_proto" ;;
 esac
 echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
 define) echo "getprotobyname_r has no prototype, not using it." >&4 ;;
 esac
 d_getprotobyname_r=undef
 getprotobyname_r_proto=0
 ;;
esac
;;
*) getprotobyname_r_proto=0
;;
esac
```

Found
 in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getprotobyname_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_memalign.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_memalign.U,v $
?RCS:
?MAKE:d_memalign: Inlibc
?MAKE: -pick add $@ %<
?S:d_memalign:
?S: This variable conditionally defines the HAS_MEMALIGN symbol, which
```

```
?S: indicates to the C program that the memalign() routine is available.
?S:.
?C:HAS_MEMALIGN :
?C: This symbol, if defined, indicates that the memalign routine is
?C: available to allocate aligned memory.
?C:.
?H:#$d_memalign HAS_MEMALIGN  /**/
?H:.
?LINT:set d_memalign
: see if memalign exists
set
 memalign d_memalign
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_memalign.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_telldirproto: Hasproto i_systypes i_dirent
?MAKE: -pick add $@ %<
?S:d_telldirproto:
?S: This variable conditionally defines the HAS_TELLDIR_PROTO symbol,
?S: which indicates to the C program that the system provides
?S: a prototype for the telldir() function.  Otherwise, it is
?S: up to the program to supply one.
?S:.
?C:HAS_TELLDIR_PROTO:
?C: This symbol, if defined, indicates that the system provides
?C: a prototype for the telldir() function.  Otherwise, it is up
?C: to the program to supply one.  A good guess
 is
?C:  extern long telldir(DIR*);
?C:.
?H:#$d_telldirproto HAS_TELLDIR_PROTO /**/
?H:.
?LINT:set d_telldirproto
: see if prototype for telldir is available
```

```
echo " "
set d_telldirproto telldir $i_systypes sys/types.h $i_dirent dirent.h
eval $hasproto
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_telldirproto.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: newslib.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: newslib.U,v $
?RCS: Revision 3.0  1993/08/18  12:09:23  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:newslib newslibexp: test inews Oldconfig Getfile
?MAKE: -pick add $@ %<
?S:newslib:
?S: This variable contains the eventual value of the NEWSLIB symbol,
?S: which holds the name of the directory serving as the news library.
?S: It may have a ~ on the front.  See newslibexp for expanded version.
?S:.
?S:newslibexp:
?S: This variable contains
 the ~ expanded name of the news library
?S: directory.  See newslib.
?S:.
?C:NEWSLIB:
?C: This symbol contains the name of the directory serving as the news
?C: library.  The program must be prepared to do ~ expansion on it.
?C:.
?C:NEWSLIB_EXP:
?C: This symbol is the ~ expanded version of NEWSLIB, for programs that
?C: do not wish to deal with it at run-time.
?C:.
?H:#define NEWSLIB "$newslib"  /**/
?H:#define NEWSLIB_EXP "$newslibexp" /**/
?H:.
?LINT:change inews
: figure out news library
```

```
case "$newslib" in
")
 dflt=/usr/lib/news
 ;;
*)  dflt=$newslib ;;
esac
echo " "
fn=d~
rp='Where is your news library?'
. ./getfile
newslib="$ans"
newslibexp="$ansexp"
if $test -f $newslibexp/inews; then
 echo "Aha!  Inews is really in $newslibexp!  Maybe this is 2.10.2..." >&4
 case "$inews" in
 inews)
  : null
  ;;
 *) echo "(Make sure $inews isn't an old version.)";;
 esac
 inews=$newslibexp/inews
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/newslib.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: defeditor.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: defeditor.U,v $
?RCS: Revision 3.0.1.1  1995/01/11  15:30:16  ram
?RCS: patch45: can now use the 'vi' variable since path stripping is deferred
?RCS:
?RCS: Revision 3.0  1993/08/18  12:08:05  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:defeditor: Getfile Oldconfig Loc vi
?MAKE: -pick add $@ %<
?S:defeditor:
```

```
?S: This variable contains the eventual value of the DEFEDITOR symbol,
?S: which contains the name of the default editor.
?S:.
?C:DEFEDITOR:
?C: This
 symbol contains the full pathname of the default editor.
?C:.
?H:#define DEFEDITOR "$defeditor"  /**/
?H:.
: determine default editor
echo " "
case "$defeditor" in
")
 case "$vi" in
 */*) dflt="$vi";;
 *) dflt=/usr/ucb/vi;;
 esac
 ;;
*)  dflt="$defeditor"
 ;;
esac
fn=f/
rp="What is the default editor on your system?"
. ./getfile
defeditor="$ans"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/defeditor.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Myinit.U,v 3.0 1993/08/18 12:05:07 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: This file is included with or a derivative work of a file included
?RCS: with the metaconfig program of Raphael Manfredi's "dist" distribution.
?RCS: In accordance with clause 7 of dist's modified Artistic License:
?RCS:
?RCS:     You may distribute under the terms of either the GNU General Public
?RCS:     License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: Myinit.U,v $
?RCS: Revision 3.0  1993/08/18  12:05:07  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: If you want to initialize any default values, copy this unit to your
```

```
?X: personal U directory and add the assignments to the end.  This file
?X: is included after variables are initialized but before any old
?X: config.sh file is read in and before any Configure switch processing.
?X:
?MAKE:Myinit
 libswanted: Init
?MAKE: -pick add $@ %<
?S:libswanted:
?S: This variable holds a list of all the libraries we want to
?S: search.  The order is chosen to pick up the c library
?S: ahead of ucb or bsd libraries for SVR4.
?S:.
?LINT:extern usevfork glibpth
?LINT:change usevfork glibpth
: List of libraries we want.
?X: Put crypt here, even though I should really fix d_crypt.U to look
?X: for it correctly, including possible shared library versions.
: If anyone needs extra -lxxx, put those in a hint file.
libswanted="cl pthread socket bind inet nsl ndbm gdbm dbm db malloc dl ld"
libswanted="$libswanted sun m crypt sec util c cposix posix ucb bsd BSD"
: We probably want to search /usr/shlib before most other libraries.
: This is only used by the lib/ExtUtils/MakeMaker.pm routine extliblist.
glibpth=`echo " $glibpth " | sed -e 's! /usr/shlib ! !'`
glibpth="/usr/shlib $glibpth"
: Do not use vfork unless overridden by a hint file.
usevfork=false
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Myinit.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Config_sh.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Config_sh.U,v $
?RCS: Revision 3.0.1.3  1997/02/28  14:57:53  ram
?RCS: patch61: added support for src.U
?RCS:
?RCS: Revision 3.0.1.2  1995/01/11  14:53:31  ram
?RCS: patch45: moved path stripping from d_portable.U to end of Configure
```

```
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  15:50:37  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0  1993/08/18  12:04:48  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X:
 This unit ends up producing the config.sh script, which contains all the
?X: definitions figured out by Configure.  The add.Config_sh command knows
?X: which variables need to be remembered.  It also adds the EOT (ends the
?X: here document redirection with variable substitution).
?X:
?MAKE:Config_sh: cf_time cf_by test spitshell startsh myuname Myread \
 End Obsol_sh Loc +d_portable package src cat
?MAKE: -pick add.Config_sh $@ %<
?MAKE: -pick add $@ ./Obsol_sh
?MAKE: -pick close.Config_sh $@ %<
?F:!config.over !config.arch
?T:file temp
?LINT:unclosed EOT
: back to where it started
if test -d ../UU; then
 cd ..
fi

: configuration may be unconditionally patched via a 'config.arch' file
if $test -f config.arch; then
 echo "I see a config.arch file, loading it." >&4
 . ./config.arch
fi

: configuration may be patched via a 'config.over' file
if $test -f config.over; then
 echo " "
 dflt=y
 rp='I see a config.over file.  Do you wish to load it?'
 . UU/myread
 case "$ans" in
 n*) echo
 "OK, I'll ignore it.";;
 *) . ./config.over
  echo "Configuration override changes have been loaded."
  ;;
 esac
fi
```

```
@if d_portable
: in case they want portability, strip down executable paths
?X:
?X: Strip down paths in located executables. For each file, e.g. vi, there
?X: is a $vi variable whose value is for instance '/usr/bin/vi'. By resetting
?X: $vi to 'vi', we rely on the PATH variable to locate the executable...
?X:
case "$d_portable" in
"$define")
 echo " "
 echo "Stripping down executable paths..." >&4
?X:
?X: Previously, we used to do    eval $file="\$file"  but in order
?X: to handle things like  sh Configure -Dmake=gmake, we can't do
?X: that.  What we *really* want is to strip away the absolute path
?X: and rely on the end user's $PATH to correctly find the executable.
?X: This method assumes there is a "basename" command available.  If
?X: not, replace it with the following expr-based command:
?X:   expr  $temp : '.*/\(.*\)' \| $temp
?X: Since this preserves the actual
 command name, we can now drop the
?X: OS/2 specific code.
?X:  --Andy Dougherty  August 1999
?X:
?X: On OS/2, a special $ar command not even named 'ar' is required,
?X: so we don't strip that name.
?X: Also, on DOS-ish systems, there might not be a ln command, but we
?X: might have ln='cp'.
?X: However, we can't set d_portable=undef on such systems since
?X: Unix-ish tools don't have standard locations there.  Thus we
?X: MUST rely on the user's $PATH.
?X: --Andy Dougherty  4/1998
?X:
 for file in $loclist $trylist; do
  eval temp=\$$file
  eval $file=`basename $temp`
 done
 ;;
esac

@end
: create config.sh file
echo " "
echo "Creating config.sh..." >&4
$spitshell <<EOT >config.sh
$startsh
#
# This file was produced by running the Configure script. It holds all the
```

```
# definitions figured out by Configure. Should you modify one of these values,
# do not forget to propagate your changes by running "Configure -der". You may
# instead choose to run each of the .SH files by yourself, or "Configure
 -S".
#

# Package name      : $package
# Source directory  : $src
# Configuration time: $cf_time
# Configured by     : $cf_by
# Target system     : $myuname

EOT
?X: Command line options are saved by the Options.U unit in the
?X: temporary file UU/cmdline.opt
: Add in command line options if available
$test -f UU/cmdline.opt && $cat UU/cmdline.opt >> config.sh

$spitshell <<EOT >>config.sh
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Config_sh.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Config_h.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Config_h.U,v $
?RCS: Revision 3.0.1.5  1997/02/28  14:57:43  ram
?RCS: patch61: added support for src.U
?RCS:
?RCS: Revision 3.0.1.4  1995/09/25  09:10:49  ram
?RCS: patch59: commented the purpose of the #un-def directive
?RCS:
?RCS: Revision 3.0.1.3  1995/01/30  14:25:39  ram
?RCS: patch49: typo fixes in leading config.h comment (WED)
?RCS:
?RCS: Revision 3.0.1.2  1993/08/24  12:13:20  ram
?RCS: patch3: added TOP as a local shell temporary variable
?RCS:
```

```
?RCS:
 Revision 3.0.1.1  1993/08/19  06:42:20  ram
?RCS: patch1: leading config.sh searching was not aborting properly
?RCS:
?RCS: Revision 3.0  1993/08/18  12:04:47  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This file ends up producing the config_h.SH script, which is run to produce
?X: the config.h file.  The file ./.Config_h below contains all the ?H: lines
?X: extracted out of all the units.  Metaconfig itself adds the !GROK!THIS!.
?X: Note that this code isn't included into Configure, but must be shipped with.
?X:
?X: For those who wish to know why the file is config_h.SH instead of the more
?X: natural config.h.SH, well... it is to support systems like MS-DOG. Only one
?X: 'dot' is allowed within the file name, as it is part of the "extension" of
?X: the file. MS-DOG will not let you have two 'dots' because that would mean
?X: two "extensions".
?X:
?MAKE:Config_h: Id End Config_sh Obsol_h myuname cf_time cf_by package src
?MAKE: -pick c_h_weed $@ %<
?MAKE: -pick
 c_h_weed $@ ./Config_h
?MAKE: -pick c_h_weed $@ ./Obsol_h
?T:PERL_CONFIG_SH TOP
?LINT:unclosed !GROK!THIS!
?LINT:extern CONFIG_H CONFIG_SH
?LINT:change CONFIG_H CONFIG_SH
?X:?LINT:nocomment
: Set up for generating config_h.SH
case "$CONFIG_SH" in
") CONFIG_SH=config.sh;;
esac
case "$CONFIG_H" in
") CONFIG_H=config.h;;
esac
case $PERL_CONFIG_SH in
")
 if test -f $CONFIG_SH; then TOP=.;
 elif test -f ../$CONFIG_SH; then TOP=..;
 elif test -f ../../$CONFIG_SH; then TOP=../..;
 elif test -f ../../../$CONFIG_SH; then TOP=../../..;
 elif test -f ../../../../$CONFIG_SH; then TOP=../../../..;
 else
  echo "Can't find $CONFIG_SH."; exit 1
 fi
 . $TOP/$CONFIG_SH
 ;;
```

```
esac
?X: Make sure we are in the directory where the .SH file is located.
case "$0" in
*/*) cd `expr X$0 : 'X\(.*\)/'` ;;
esac
echo "Extracting $CONFIG_H (with variable substitutions)"
?X:
?X: Since we unconditionally translate leading #undef into /*#define, we're
?X: stuck when we really want to have a #undef in $CONFIG_H.
 That's why there
?X: is provision here for #un-def, which is translated back into #undef after
?X: all original #undef have been processed.
?X:
?X: Previously, we changed all
?X:  #undef FOO /**/
?X: into
?X:  /*#define FOO /**/
?X: The xlc compiler (available on IBM's AIX) complains that this is
?X: an illegal attempt to write a nested comment, and warns against it.
?X: There's apparently no way to shut the compiler up, either.
?X: This sed command from Hallvard B Furuseth <h.b.furuseth@usit.uio.no>
?X: changes it to
?X:  /*#define FOO / **/
sed <<!GROK!THIS! >$CONFIG_H -e 's!^#undef\(.*/\)\*!/\*#define\1 \*!' -e 's!^#un-def!#undef!'
/* This file was produced by running the config_h.SH script, which
* gets its values from $CONFIG_SH, which is generally produced by
* running Configure.
*
* Feel free to modify any of this as the need arises.  Note, however,
* that running config_h.SH again will wipe out any changes you've made.
* For a more permanent change edit $CONFIG_SH and
 rerun config_h.SH.
*/

/* Package name      : $package
* Source directory  : $src
* Configuration time: $cf_time
* Configured by     : $cf_by
* Target system     : $myuname
*/

#ifndef _config_h_
#define _config_h_
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Config_h.U

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```
?RCS: $Id: socksizetype.U,v $
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:socksizetype: \
 Protochk Oldconfig Myread cat d_socket d_socklen_t sizetype \
 usesocks i_socks i_systypes extern_C
?MAKE: -pick add $@ %<
?S:socksizetype:
?S: This variable holds the type used for the size argument
?S: for various socket calls like accept.  Usual values include
?S: socklen_t, size_t, and int.
?S:.
?C:Sock_size_t:
?C: This symbol holds the type used for the size argument of
?C: various socket calls (just the base type, not the pointer-to).
?C:.
?H:#define Sock_size_t  $socksizetype /**/
?H:.
?T:xxx yyy try
@if Sock_size_t
: check for type of the size argument to socket calls
case "$d_socket" in
"$define")
 $cat <<EOM

Checking to see what type is the last argument
 of accept().
EOM
 yyy=''
 case "$d_socklen_t" in
 "$define") yyy="$yyy socklen_t"
 esac
 yyy="$yyy $sizetype int long unsigned"
 for xxx in $yyy; do
  case "$socksizetype" in
  '') try="$extern_C int accept(int, struct sockaddr *, $xxx *);"
   case "$usesocks" in
   "$define")
    if ./protochk "$try" $i_systypes sys/types.h $d_socket sys/socket.h literal '#define INCLUDE_PROTOTYPES'
$i_socks socks.h.; then
     echo "Your system accepts '$xxx *' for the last argument of accept()."
     socksizetype="$xxx"
```

```
    fi
    ;;
   *) if ./protochk "$try"  $i_systypes sys/types.h $d_socket sys/socket.h; then
     echo "Your system accepts '$xxx *' for the last argument of accept()."
     socksizetype="$xxx"
    fi
    ;;
   esac
   ;;
  esac
 done
: In case none of those worked, prompt the user.
 case "$socksizetype" in
 ") rp='What is the type for socket address structure sizes?'
  dflt='int'
  . ./myread
  socksizetype=$ans
  ;;
 esac
 ;;
*) : no sockets, so pick relatively harmless default
 socksizetype='int'
 ;;
esac
@end

Found
 in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/socksizetype.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: i_systable.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_systable.U,v $
?RCS: Revision 3.0.1.1  1993/10/16  13:50:20  ram
?RCS: patch12: created
?RCS:
?RCS:
?MAKE:i_systable: Inhdr
```

```
?MAKE: -pick add $@ %<
?S:i_systable:
?S: This variable conditionally defines the I_SYS_TABLE symbol, and
?S: indicates whether a C program should include <sys/table.h>.
?S:.
?C:I_SYS_TABLE:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/table.h> for the OSF/1 table() system call.
?C:.
?H:#$i_systable
 I_SYS_TABLE  /**/
?H:.
?LINT:set i_systable
: see if this is an OSF sys/table system
set sys/table.h i_systable
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_systable.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_gdbm.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_gdbm.U,v $
?RCS: Revision 3.0.1.1  1995/05/12  12:16:39  ram
?RCS: patch54: made more robust by checking both header and lib (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:08:19  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_gdbm: Inhdr Inlibc Setvar
?MAKE: -pick add $@ %<
?S:i_gdbm (d_gdbm):
?S: This variable conditionally defines the I_GDBM symbol, which
?S: indicates to the C program that <gdbm.h> exists and should
?S: be included.
?S:.
?C:I_GDBM
```

```
 (HAS_GDBM):
?C: This symbol, if defined, indicates that <gdbm.h> exists and should
?C: be included.
?C:.
?H:#$i_gdbm I_GDBM /**/
?H:.
?T:t_gdbm d_gdbm_open
?LINT:set i_gdbm
: see if gdbm.h is available
?X: t_gdbm is a tentative check. We might just have the .h, not the lib -- ADO
set gdbm.h t_gdbm
eval $inhdr
case "$t_gdbm" in
$define)
 : see if gdbm_open exists
 set gdbm_open d_gdbm_open
 eval $inlibc
 case "$d_gdbm_open" in
 $undef)
  t_gdbm="$undef"
  echo "We won't be including <gdbm.h>"
  ;;
 esac
 ;;
esac
val="$t_gdbm"
set i_gdbm
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_gdbm.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Obsol_h.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Obsol_h.U,v $
?RCS: Revision 3.0  1993/08/18  12:05:11  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
```

```
?X:
?X: This file is prepended to .MT/Obsol_h if that file is not empty. That file
?X: contains the necessary mappings of new symbols to obsolete ones.
?X:
?MAKE:Obsol_h:
?MAKE: -pick prepend $@ ./Obsol_h
?LINT:nocomment
/*
* The following symbols are obsolete. They are mapped to the the new
* symbols only to ease the transition process. The
 sources should be
* updated so as to use the new symbols only, as the support for these
* obsolete symbols may end without notice.
*/
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Obsol_h.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getprotoent_r.U,v 0RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_getprotoent_r getprotoent_r_proto: Inlibc Protochk Hasproto \
 i_systypes usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_getprotoent_r:
?S: This variable conditionally defines the HAS_GETPROTOENT_R symbol,
?S: which indicates to the C program that the getprotoent_r()
?S: routine is available.
?S:.
?S:getprotoent_r_proto:
?S: This variable encodes the prototype of getprotoent_r.
?S: It is zero if d_getprotoent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getprotoent_r
?S: is defined.
?S:.
?C:HAS_GETPROTOENT_R:
?C: This symbol, if defined, indicates that the getprotoent_r
 routine
?C: is available to getprotoent re-entrantly.
?C:.
?C:GETPROTOENT_R_PROTO:
```

```
?C: This symbol encodes the prototype of getprotoent_r.
?C: It is zero if d_getprotoent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getprotoent_r
?C: is defined.
?C:.
?H:#$d_getprotoent_r HAS_GETPROTOENT_R /**/
?H:#define GETPROTOENT_R_PROTO $getprotoent_r_proto /**/
?H:.
?T:try hdrs d_getprotoent_r_proto
: see if getprotoent_r exists
set getprotoent_r d_getprotoent_r
eval $inlibc
case "$d_getprotoent_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
 case "$d_getprotoent_r_proto:$usethreads" in
 ":define") d_getprotoent_r_proto=define
  set d_getprotoent_r_proto getprotoent_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_getprotoent_r_proto" in
 define)
 case "$getprotoent_r_proto" in
 "|0) try='int getprotoent_r(struct protoent*, char*, size_t, struct protoent**);'
 ./protochk "$extern_C $try" $hdrs && getprotoent_r_proto=I_SBWR
 ;;
 esac
 case "$getprotoent_r_proto" in
 "|0) try='int getprotoent_r(struct protoent*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getprotoent_r_proto=I_SBI ;;
 esac
 case "$getprotoent_r_proto" in
 "|0) try='struct protoent* getprotoent_r(struct protoent*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getprotoent_r_proto=S_SBI ;;
 esac
 case "$getprotoent_r_proto" in
 "|0) try='int getprotoent_r(struct protoent*, struct protoent_data*);'
 ./protochk "$extern_C $try" $hdrs && getprotoent_r_proto=I_SD ;;
 esac
 case "$getprotoent_r_proto" in
 "|0) d_getprotoent_r=undef
  getprotoent_r_proto=0
  echo "Disabling getprotoent_r, cannot determine prototype." >&4 ;;
 * ) case "$getprotoent_r_proto" in
  REENTRANT_PROTO*) ;;
  *) getprotoent_r_proto="REENTRANT_PROTO_$getprotoent_r_proto" ;;
  esac
```

```
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "getprotoent_r has no prototype, not using it." >&4 ;;
  esac
  d_getprotoent_r=undef
  getprotoent_r_proto=0
  ;;
 esac
 ;;
*) getprotoent_r_proto=0
 ;;
esac
```

Found
 in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getprotoent_r.U
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```
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?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_mbrtowc: Inlibc
?MAKE: -pick add $@ %<
?S:d_mbrtowc:
?S: This variable conditionally defines the HAS_MBRTOWC symbol if the
?S: mbrtowc() routine is available to be used to convert a multi-byte
?S: character into a wide character.
?S:.
?C:HAS_MBRTOWC:
?C: This symbol, if defined, indicates that the mbrtowc routine is
?C: available to convert a multi-byte character into a wide character.
?C:.
?H:#$d_mbrtowc HAS_MBRTOWC /**/
?H:.
?LINT: set d_mbrtowc
: see if mbrtowc exists
set mbrtowc d_mbrtowc
eval $inlibc
```

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_mbrtowc.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: archname.U,v 3.0.1.3 1997/02/28 15:24:32 ram Exp $
?RCS:
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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: archname.U,v $
?RCS: Revision 3.0.1.3  1997/02/28  15:24:32  ram
?RCS: patch61: changed the way the archname is mangled from uname
?RCS:
?RCS: Revision 3.0.1.2  1995/05/12  12:05:24  ram
?RCS: patch54: protect against spaces in "uname -m" output (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1995/02/15  14:14:21  ram
?RCS: patch51: created
?RCS:
?MAKE:archname myarchname useversionedarchname: sed Loc Myread Oldconfig \
 osname test rm usethreads usemultiplicity use64bitint
 use64bitall \
 archname64 uselongdouble longdblsize doublesize targetarch Setvar \
 api_versionstring usequadmath
?MAKE: -pick add $@ %<
?S:archname:
?S: This variable is a short name to characterize the current
?S: architecture.  It is used mainly to construct the default archlib.
?S:.
?S:myarchname:
?S: This variable holds the architecture name computed by Configure in
?S: a previous run. It is not intended to be perused by any user and
?S: should never be set in a hint file.
?S:.
?S:useversionedarchname:
?S: This variable indicates whether to include the $api_versionstring
?S: as a component of the $archname.
?S:.
?C:ARCHNAME:
?C: This symbol holds a string representing the architecture name.
?C: It may be used to construct an architecture-dependant pathname
?C: where library files may be held under a private library, for
?C: instance.
```

```
?C:.
?H:#define ARCHNAME "$archname"  /**/
?H:.
?T:xxx tarch
?F:!archname.cbu
?INIT:archname=''
: determine the architecture name
echo " "
?X:
 We always recompute archname in case osname changes. However, we need
?X: to be careful since, as ADO rightfully pointed out, some systems pick
?X: silly architecture names (0001307135000-aix on AIX or 9000/715-ux under
?X: HP-UX). Therefore, we allow hint files to superseed our guess and ask
?X: the user for confirmation.
if xxx=`./loc arch blurfl $pth`; $test -f "$xxx"; then
 tarch=`arch`"-$osname"
elif xxx=`./loc uname blurfl $pth`; $test -f "$xxx" ; then
 if uname -m > tmparch 2>&1 ; then
  tarch=`$sed -e 's/ *$//' -e 's/ /_/g' \
   -e 's/$/'"-$osname/" tmparch`
 else
  tarch="$osname"
 fi
 $rm -f tmparch
else
 tarch="$osname"
fi
case "$myarchname" in
''|"$tarch") ;;
*)
 echo "(Your architecture name used to be $myarchname.)"
 archname=''
 ;;
esac
case "$targetarch" in
'') ;;
?X: Very GCCian.
*)  archname=`echo $targetarch|sed 's,^[^-]*-,,'` ;;
esac
myarchname="$tarch"
case "$archname" in
'') dflt="$tarch";;
*) dflt="$archname";;
esac
rp='What is your architecture name'
. ./myread
archname="$ans"
```

```
:
 optionally add API version to the architecture for versioned archlibs
case "$useversionedarchname" in
$define|true|[yY]*) dflt='y';;
*)                  dflt='n';;
esac
rp='Add the Perl API version to your archname?'
. ./myread
case "$ans" in
y|Y) useversionedarchname="$define" ;;
*)      useversionedarchname="$undef" ;;
esac
case "$useversionedarchname" in
$define)
 case "$archname" in
 *-$api_versionstring)
  echo "...and architecture name already has -$api_versionstring" >&4
  ;;
 *)
  archname="$archname-$api_versionstring"
  echo "...setting architecture name to $archname." >&4
  ;;
 esac
 ;;
esac

@if usethreads
case "$usethreads" in
$define)
 echo "Threads selected." >&4
 case "$archname" in
 *-thread*) echo "...and architecture name already has -thread." >&4
  ;;
 *)      archname="$archname-thread"
  echo "...setting architecture name to $archname." >&4
  ;;
 esac
 ;;
esac
@end
@if usemultiplicity
case "$usemultiplicity" in
$define)
 echo "Multiplicity selected."
 >&4
 case "$archname" in
 *-multi*) echo "...and architecture name already has -multi." >&4
  ;;
```

```
 *)      archname="$archname-multi"
  echo "...setting architecture name to $archname." >&4
  ;;
 esac
 ;;
esac
@end
@if use64bitint
case "$use64bitint$use64bitall" in
*"$define"*)
 case "$archname64" in
 ")
  echo "This architecture is naturally 64-bit, not changing architecture name." >&4
  ;;
 *)
  case "$use64bitint" in
  "$define") echo "64 bit integers selected." >&4 ;;
  esac
  case "$use64bitall" in
  "$define") echo "Maximal 64 bitness selected." >&4 ;;
  esac
  case "$archname" in
  *-$archname64*) echo "...and architecture name already has $archname64." >&4
   ;;
  *)      archname="$archname-$archname64"
   echo "...setting architecture name to $archname." >&4
   ;;
  esac
  ;;
 esac
esac
@end
@if uselongdouble
case "$uselongdouble" in
$define)
 echo "Long doubles selected." >&4
 case "$longdblsize" in
 $doublesize)
  echo "...but long doubles are equal to doubles, not
 changing architecture name." >&4
  ;;
 *)
  case "$archname" in
  *-ld*) echo "...and architecture name already has -ld." >&4
   ;;
  *)      archname="$archname-ld"
   echo "...setting architecture name to $archname." >&4
   ;;
```

```
  esac
  ;;
 esac
 ;;
esac
@end
@if usequadmath
case "$usequadmath" in
$define)
 echo "quadmath selected." >&4
 case "$archname" in
 *-quadmath*) echo "...and architecture name already has -quadmath." >&4
  ;;
 *)      archname="$archname-quadmath"
  echo "...setting architecture name to $archname." >&4
  ;;
 esac
 ;;
esac
@end
if $test -f archname.cbu; then
 echo "Your platform has some specific hints for architecture name, using them..."
 . ./archname.cbu
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/archname.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysun.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_sysun.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:42  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit looks wether <sys/un.h> is available or not
?X:
?MAKE:i_sysun: Inhdr
```

```
?MAKE: -pick add $@ %<
?S:i_sysun:
?S: This variable conditionally defines I_SYS_UN, which indicates
?S: to the C program that it should include <sys/un.h> to get UNIX
?S: domain socket definitions.
?S:.
?C:I_SYS_UN:
?C: This symbol, if defined, indicates
 to the C program that it should
?C: include <sys/un.h> to get UNIX domain socket definitions.
?C:.
?H:#$i_sysun I_SYS_UN  /**/
?H:.
?LINT:set i_sysun
: see if this is a sys/un.h system
set sys/un.h i_sysun
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_sysun.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: modetype.U,v 3.0.1.1 1994/10/29 16:25:07 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: modetype.U,v $
?RCS: Revision 3.0.1.1  1994/10/29  16:25:07  ram
?RCS: patch36: created by ADO
?RCS:
?MAKE:modetype: Myread Typedef
?MAKE: -pick add $@ %<
?S:modetype:
?S: This variable defines modetype to be something like mode_t,
?S: int, unsigned short, or whatever type is used to declare file
?S: modes for system calls.
?S:.
?C:Mode_t:
?C: This symbol holds the type used to declare
```

```
 file modes
?C: for systems calls.  It is usually mode_t, but may be
?C: int or unsigned short.  It may be necessary to include <sys/types.h>
?C: to get any typedef'ed information.
?C:.
?H:#define Mode_t $modetype  /* file mode parameter for system calls */
?H:.
?LINT:set modetype
: see what type is used for mode_t
rp="What is the type used for file modes for system calls (e.g. fchmod())?"
set mode_t modetype int stdio.h sys/types.h
eval $typedef_ask
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/modetype.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: vendorman3dir.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera $
?RCS:
?RCS: Copyright (c) 1999-2000, Andy Dougherty
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: vendorman3dir.U,v $
?RCS: Revision 1.1  1999/07/08 18:32:57  doughera
?RCS: Initial revision
?RCS:
?MAKE:vendorman3dir vendorman3direxp installvendorman3dir: man3dir Getfile \
 Oldconfig Setprefixvar Prefixit test vendorprefix prefix sed
?MAKE: -pick add $@ %<
?Y:TOP
?S:vendorman3dir:
?S: This variable contains the name of the directory for man3
?S: pages.  It may have a ~ on the front.
?S: The standard distribution will put nothing in this directory.
?S: Vendors
 who distribute perl may wish to place their own
?S: man3 pages in this directory with
?S:  MakeMaker Makefile.PL INSTALLDIRS=vendor
?S: or equivalent.  See INSTALL for details.
?S:.
?S:vendorman3direxp:
?S: This variable is the ~name expanded version of vendorman3dir, so that you
```

```
?S: may use it directly in Makefiles or shell scripts.
?S:.
?D:installvendorman3dir=''
?S:installvendorman3dir:
?S: This variable is really the same as vendorman3direxp but may differ on
?S: those systems using AFS. For extra portability, only this variable
?S: should be used in makefiles.
?S:.
?LINT:change prefixvar
?LINT:set installvendorman3dir
: Set the vendorman3dir variables
case "$vendorprefix" in
'') vendorman3dir=''
 vendorman3direxp=''
 ;;
*) : determine where vendor-supplied module manual pages go.
 case "$vendorman3dir" in
 '') dflt=`echo "$man3dir" | $sed "s#^$prefix#$vendorprefix#"` ;;
 *) dflt=$vendorman3dir ;;
 esac
 case "$dflt" in
 '|' ') dflt=none ;;
 esac
 fn=nd~+
 rp='Pathname
 for the vendor-supplied manual section 3 pages?'
 . ./getfile
 vendorman3dir="$ans"
 vendorman3direxp="$ansexp"
 ;;
esac
: Use ' ' for none so value is preserved next time through Configure
$test X"$vendorman3dir" = "X" && vendorman3dir=' '
prefixvar=vendorman3dir
. ./installprefix
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/vendorman3dir.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setprotoent_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
```

```
?RCS:
?MAKE:d_setprotoent_r setprotoent_r_proto: Inlibc Protochk Hasproto \
 i_systypes usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_setprotoent_r:
?S: This variable conditionally defines the HAS_SETPROTOENT_R symbol,
?S: which indicates to the C program that the setprotoent_r()
?S: routine is available.
?S:.
?S:setprotoent_r_proto:
?S: This variable encodes the prototype of setprotoent_r.
?S: It is zero if d_setprotoent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_setprotoent_r
?S: is defined.
?S:.
?C:HAS_SETPROTOENT_R:
?C: This symbol, if defined, indicates that the setprotoent_r
 routine
?C: is available to setprotoent re-entrantly.
?C:.
?C:SETPROTOENT_R_PROTO:
?C: This symbol encodes the prototype of setprotoent_r.
?C: It is zero if d_setprotoent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_setprotoent_r
?C: is defined.
?C:.
?H:#$d_setprotoent_r HAS_SETPROTOENT_R /**/
?H:#define SETPROTOENT_R_PROTO $setprotoent_r_proto /**/
?H:.
?T:try hdrs d_setprotoent_r_proto
: see if setprotoent_r exists
set setprotoent_r d_setprotoent_r
eval $inlibc
case "$d_setprotoent_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
 case "$d_setprotoent_r_proto:$usethreads" in
 ":define") d_setprotoent_r_proto=define
  set d_setprotoent_r_proto setprotoent_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_setprotoent_r_proto" in
 define)
 case "$setprotoent_r_proto" in
 "|0) try='int setprotoent_r(int, struct protoent_data*);'
 ./protochk "$extern_C $try" $hdrs && setprotoent_r_proto=I_ID ;;
 esac
```

```
 case "$setprotoent_r_proto"
 in
"|0) try='void setprotoent_r(int, struct protoent_data*);'
 ./protochk "$extern_C $try" $hdrs && setprotoent_r_proto=V_ID ;;
 esac
 case "$setprotoent_r_proto" in
"|0) d_setprotoent_r=undef
  setprotoent_r_proto=0
  echo "Disabling setprotoent_r, cannot determine prototype." >&4 ;;
* ) case "$setprotoent_r_proto" in
  REENTRANT_PROTO*) ;;
  *) setprotoent_r_proto="REENTRANT_PROTO_$setprotoent_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "setprotoent_r has no prototype, not using it." >&4 ;;
  esac
  d_setprotoent_r=undef
  setprotoent_r_proto=0
  ;;
 esac
 ;;
*) setprotoent_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_setprotoent_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_j0 d_j0l: Inlibc
?MAKE: -pick add $@ %<
?S:d_j0:
?S: This variable conditionally defines the HAS_J0 symbol, which
?S: indicates to the C program that the j0() routine is available.
?S:.
?S:d_j0l:
?S: This variable conditionally defines the HAS_J0L symbol, which
?S: indicates to the C program that the j0l() routine is available.
?S:.
?C:HAS_J0:
?C: This symbol, if defined, indicates to the C program that the
```

```
?C: j0() function is available for Bessel functions of the first
?C: kind of the order zero, for doubles.
?C:.
?C:HAS_J0L:
?C: This symbol, if defined, indicates to the C program that the
?C: j0l() function is available for Bessel functions of the first
?C: kind of the order zero, for long doubles.
?C:.
?H:#$d_j0 HAS_J0  /**/
?H:#$d_j0l HAS_J0L  /**/
?H:.
?LINT:set
 d_j0
?LINT:set d_j0l
: see if j0 exists
set j0 d_j0
eval $inlibc

: see if j0l exists
set j0l d_j0l
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_j0.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_readdir.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_readdir.U,v $
?RCS: Revision 3.0.1.1  1994/05/06  14:46:37  ram
?RCS: patch23: added support for seekdir, telldir and rewinddir (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:06:52  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X: Force checking for <dirent.h> inclusion
?X:INC: i_dirent
?MAKE:d_readdir d_seekdir d_telldir d_rewinddir: Inlibc
?MAKE: -pick add $@ %<
```

```
?S:d_readdir:
?S: This variable conditionally defines HAS_READDIR if readdir()
 is
?S: available to read directory entries.
?S:.
?C:HAS_READDIR (READDIR):
?C: This symbol, if defined, indicates that the readdir routine is
?C: available to read directory entries. You may have to include
?C: <dirent.h>. See I_DIRENT.
?C:.
?H:#$d_readdir HAS_READDIR  /**/
?H:.
?S:d_seekdir:
?S: This variable conditionally defines HAS_SEEKDIR if seekdir() is
?S: available.
?S:.
?C:HAS_SEEKDIR:
?C: This symbol, if defined, indicates that the seekdir routine is
?C: available. You may have to include <dirent.h>. See I_DIRENT.
?C:.
?H:#$d_seekdir HAS_SEEKDIR  /**/
?H:.
?S:d_telldir:
?S: This variable conditionally defines HAS_TELLDIR if telldir() is
?S: available.
?S:.
?C:HAS_TELLDIR:
?C: This symbol, if defined, indicates that the telldir routine is
?C: available. You may have to include <dirent.h>. See I_DIRENT.
?C:.
?H:#$d_telldir HAS_TELLDIR  /**/
?H:.
?S:d_rewinddir:
?S: This variable conditionally defines HAS_REWINDDIR if rewinddir() is
?S: available.
?S:.
?C:HAS_REWINDDIR:
?C: This
 symbol, if defined, indicates that the rewinddir routine is
?C: available. You may have to include <dirent.h>. See I_DIRENT.
?C:.
?H:#$d_rewinddir HAS_REWINDDIR  /**/
?H:.
?LINT:set d_readdir d_seekdir d_telldir d_rewinddir
: see if readdir and friends exist
set readdir d_readdir
eval $inlibc
@if d_seekdir || HAS_SEEKDIR
```

```
set seekdir d_seekdir
eval $inlibc
@end
@if d_telldir || HAS_TELLDIR
set telldir d_telldir
eval $inlibc
@end
@if d_rewinddir || HAS_REWINDDIR
set rewinddir d_rewinddir
eval $inlibc
@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_readdir.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS:
?MAKE:i_stdint: Inhdr
?MAKE: -pick add $@ %<
?S:i_stdint:
?S: This variable conditionally defines the I_STDINT symbol, which
?S: indicates to the C program that <stdint.h> exists and should
?S: be included.
?S:.
?C:I_STDINT:
?C: This symbol, if defined, indicates that <stdint.h> exists and
?C: should be included.
?C:.
?H:#$i_stdint I_STDINT  /**/
?H:.
?LINT:set i_stdint
: see if stdint is available
set stdint.h i_stdint
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_stdint.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_pause.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_pause.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:09:54  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_pause: Inlibc
?MAKE: -pick add $@ %<
?S:d_pause:
?S: This variable conditionally defines the HAS_PAUSE symbol, which
?S: indicates to the C program that the pause() routine is available
?S: to suspend a process until a signal is received.
?S:.
?C:HAS_PAUSE :
?C: This symbol,
 if defined, indicates that the pause routine is
?C: available to suspend a process until a signal is received.
?C:.
?H:#$d_pause HAS_PAUSE  /**/
?H:.
?LINT:set d_pause
: see if pause exists
set pause d_pause
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_pause.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_erfc: Inlibc
?MAKE: -pick add $@ %<
?S:d_erfc:
?S: This variable conditionally defines the HAS_ERFC symbol, which
?S: indicates to the C program that the erfc() routine is available.
?S:.
?C:HAS_ERFC:
?C: This symbol, if defined, indicates that the erfc routine is
?C: available to do the complementary error function.
?C:.
```

```
?H:#$d_erfc HAS_ERFC  /**/
?H:.
?LINT:set d_erfc
: see if erfc exists
set erfc d_erfc
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_erfc.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_times.U,v $
?RCS: Revision 3.0.1.2  1995/07/25  14:07:50  ram
?RCS: patch56: typo fix, sytem -> system
?RCS:
?RCS: Revision 3.0.1.1  1994/08/29  16:14:00  ram
?RCS: patch32: now uses new Typedef unit to compute type information
?RCS:
?RCS: Revision 3.0  1993/08/18  12:07:46  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: What is the type returned by times() ?
?X:
?X: Force inclusion of <sys/types.h>
?X:INC: i_systypes
?MAKE:d_times clocktype: Csym Myread Typedef i_systimes
?MAKE: -pick
 add $@ %<
?S:d_times:
?S: This variable conditionally defines the HAS_TIMES symbol, which indicates
?S: that the times() routine exists.  The times() routine is normally
?S: provided on UNIX systems. You may have to include <sys/times.h>.
?S:.
?S:clocktype:
?S: This variable holds the type returned by times(). It can be long,
?S: or clock_t on BSD sites (in which case <sys/types.h> should be
```

```
?S: included).
?S:.
?C:HAS_TIMES (TIMES):
?C: This symbol, if defined, indicates that the times() routine exists.
?C: Note that this became obsolete on some systems (SUNOS), which now
?C: use getrusage(). It may be necessary to include <sys/times.h>.
?C:.
?C:Clock_t (CLOCKTYPE):
?C: This symbol holds the type returned by times(). It can be long,
?C: or clock_t on BSD sites (in which case <sys/types.h> should be
?C: included).
?C:.
?H:#$d_times HAS_TIMES  /**/
?H:#define Clock_t $clocktype /* Clock time */
?H:.
?T:val inc
: see if times exists
echo " "
if set times val -f d_times; eval $csym;
 $val; then
 echo 'times() found.' >&4
 d_times="$define"
 inc=''
 case "$i_systimes" in
 "$define") inc='sys/times.h';;
 esac
 set clock_t clocktype long stdio.h sys/types.h $inc
 eval $typedef
 dflt="$clocktype"
 echo " "
 rp="What type is returned by times() on this system?"
 . ./myread
 clocktype="$ans"
else
 echo 'times() NOT found, hope that will do.' >&4
 d_times="$undef"
?X: The following is needed for typedef (won't like an empty variable)
 clocktype='int'
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_times.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_regcmp.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_regcmp.U,v $
?RCS: Revision 3.0.1.1  1995/01/30  14:34:45  ram
?RCS: patch49: now looks for POSIX regcomp() routine
?RCS:
?RCS: Revision 3.0  1993/08/18  12:06:53  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_regcmp d_re_comp d_regcomp: Csym cat
?MAKE: -pick add $@ %<
?S:d_regcomp:
?S: This variable conditionally defines the HAS_REGCOMP symbol, which
?S: indicates to the C program that the regcomp() routine is available
?S: for regular
 patern matching (usally on POSIX.2 conforming systems).
?S:.
?S:d_regcmp:
?S: This variable conditionally defines the HAS_REGCMP symbol, which
?S: indicates to the C program that the regcmp() routine is available
?S: for regular patern matching (usally on System V).
?S:.
?S:d_re_comp:
?S: This variable conditionally defines the HAS_RECOMP symbol, which
?S: indicates to the C program that the re_comp() routine is available
?S: for regular patern matching (usally on BSD). If so, it is likely that
?S: re_exec() exists.
?S:.
?C:HAS_REGCOMP (REGCOMP):
?C: This symbol, if defined, indicates that the regcomp() routine is
?C: available to do some regular patern matching (usually on POSIX.2
?C: conforming systems).
?C:.
?C:HAS_REGCMP (REGCMP):
?C: This symbol, if defined, indicates that the regcmp() routine is
?C: available to do some regular patern matching (usually on System V).
?C:.
?C:HAS_RECOMP (RECOMP):
?C: This symbol, if defined, indicates that the re_comp() routine is
?C: available
 to do some regular patern matching (usually on BSD). If so,
?C: it is likely that re_exec() be available.
?C:.
```

```
?H:#$d_regcomp HAS_REGCOMP  /* POSIX.2 */
?H:#$d_regcmp HAS_REGCMP  /* sysV */
?H:#$d_re_comp HAS_RECOMP  /* BSD */
?H:.
?T:val
: see if regcomp, regcmp, or re_comp exist, for regular pattern matching
echo " "
if set regcomp val -f d_regcomp; eval $csym; $val; then
 echo 'regcomp() found.' >&4
 d_regcomp="$define"
 d_regcmp="$undef"
 d_re_comp="$undef"
elif set regcmp val -f d_regcmp; eval $csym; $val; then
 echo 'regcmp() found.' >&4
 d_regcmp="$define"
 d_regcomp="$undef"
 d_re_comp="$undef"
elif set re_comp val -f d_re_comp; eval $csym; $val; then
 echo 're_comp() found, assuming re_exec() also exists.' >&4
 d_re_comp="$define"
 d_regcomp="$undef"
 d_regcmp="$undef"
else
 $cat >&4 <<EOM
No regcomp(), regcmp() nor re_comp() found !! No regular pattern matching.
EOM
 d_regcmp="$undef"
 d_re_comp="$undef"
 d_regcomp="$undef"
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_regcmp.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: maildir.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: maildir.U,v $
?RCS: Revision 3.0.1.1  1993/12/15  08:21:56  ram
```

```
?RCS: patch15: now also looks under /var/mail for BSD/386
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:09  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:maildir maildirexp: Getfile Loc Oldconfig
?MAKE: -pick add $@ %<
?S:maildir:
?S: This variable contains the name of the directory in which mail is
?S: spooled. Programs using this variable must be prepared to deal with
?S: ~name
 substitutions.
?S:.
?S:maildirexp:
?S: This is the same as the maildir variable, but is filename expanded
?S: at configuration time, for programs not willing to deal with it at
?S: run-time.
?S:.
: determine where mail is spooled
case "$maildir" in
") dflt=`./loc . /usr/spool/mail /usr/spool/mail /usr/mail /var/mail`;;
*) dflt="$maildir";;
esac
echo " "
fn=d~
rp='Where is yet-to-be-read mail spooled?'
. ./getfile
maildir="$ans"
maildirexp="$ansexp"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/maildir.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_sysun.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:42  ram
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
?X:
?X: This unit looks wether <inttypes.h> is available or not
?X:
?MAKE:i_inttypes: Inhdr
?MAKE: -pick add $@ %<
?S:i_inttypes:
?S: This variable conditionally defines I_INTTYPES, which indicates
?S: to the C program that it should include <inttypes.h> to get
?S: format conversions of integer types.
?S:.
?C:I_INTTYPES:
?C: This symbol, if defined, indicates to the C program that it should
?C: include
 <inttypes.h> to get format conversions of integer types.
?C:.
?H:#$i_inttypes I_INTTYPES  /**/
?H:.
?LINT:set i_inttypes
: see if this is a inttypes.h system
set inttypes.h i_inttypes
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_inttypes.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_libutil.U,v $
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_libutil: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_libutil:
?S: This variable conditionally defines the I_LIBUTIL symbol, and indicates
?S: whether a C program should include <libutil.h>.
?S:.
?C:I_LIBUTIL:
?C: This symbol, if defined, indicates that <libutil.h> exists and
?C: should be included.
?C:.
?H:#$i_libutil I_LIBUTIL  /**/
?H:.
?LINT:set i_libutil
```

```
: see if this is a libutil.h system
set libutil.h i_libutil
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_libutil.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_statblks.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:29  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_statblks: contains Setvar Findhdr
?MAKE: -pick add $@ %<
?S:d_statblks:
?S: This variable conditionally defines USE_STAT_BLOCKS if this system
?S: has a stat structure declaring st_blksize and st_blocks.
?S:.
?C:USE_STAT_BLOCKS (STATBLOCKS):
?C: This symbol is defined if this system has a stat structure declaring
?C: st_blksize and st_blocks.
?C:.
?H:#$d_statblks USE_STAT_BLOCKS
  /**/
?H:.
?T:xxx
?LINT:set d_statblks
: see if stat knows about block sizes
echo " "
xxx=`./findhdr sys/stat.h`
if $contains 'st_blocks;' "$xxx" >/dev/null 2>&1 ; then
 if $contains 'st_blksize;' "$xxx" >/dev/null 2>&1 ; then
  echo "Your stat() knows about block sizes." >&4
  val="$define"
 else
  echo "Your stat() doesn't know about block sizes." >&4
  val="$undef"
```

```
 fi
else
 echo "Your stat() doesn't know about block sizes." >&4
 val="$undef"
fi
set d_statblks
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_statblks.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_truncl: Inlibc
?MAKE: -pick add $@ %<
?S:d_truncl:
?S: This variable conditionally defines the HAS_TRUNCL symbol, which
?S: indicates to the C program that the truncl() routine is available
?S: to round long doubles towards zero. If copysignl is also present,
?S: we can emulate modfl.
?S:.
?C:HAS_TRUNCL :
?C: This symbol, if defined, indicates that the truncl routine is
?C: available. If copysignl is also present we can emulate modfl.
?C:.
?H:#$d_truncl HAS_TRUNCL  /**/
?H:.
?LINT:set d_truncl
: see if truncl exists
set truncl d_truncl
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_truncl.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: h_sysfile.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
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```

```
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: h_sysfile.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:13  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:h_sysfile: Nothing
?MAKE: -pick add $@ %<
?S:h_sysfile:
?S: This is variable gets set in various places to tell i_sys_file that
?S: <sys/file.h> should be included.
?S:.
: Initialize h_sysfile
h_sysfile=false
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/h_sysfile.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: orgname.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: orgname.U,v $
?RCS: Revision 3.0.1.1  1993/09/13  16:10:25  ram
?RCS: patch10: added support for /local/src to the search (WAD)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:27  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:orgname: sed cat Myread Loc Oldconfig
?MAKE: -pick add $@ %<
?S:orgname:
?S: This variable contains the eventual value of the ORGNAME symbol,
?S: which contains either the organizaton name or the full pathname
?S: of
 a file containing the organization name.
?S:.
?C:ORGNAME:
?C: This symbol contains either the organizaton name or the full pathname
?C: of a file containing the organization name, which the program must
```

```
?C: be prepared to open and substitute the contents of.
?C:.
?H:#define ORGNAME "$orgname"  /**/
?H:.
?T:longshots xxx
: get organization name
longshots='/local/src /usr/src/new /usr/src/local /usr/local/src'
case "$orgname" in
") if xxx=`./loc news/src/defs.h x $longshots`; then
  dflt=`$sed -n 's/^.*MYORG[  ]*"\(.*\)".*$/\1/p' $xxx`
 else
  dflt=''
 fi
 ;;
*)  dflt="$orgname";;
esac
$cat << 'EOH'

Please type the name of your organization as you want it to appear on the
Organization line of outgoing articles.  (It's nice if this also specifies
your location.  Your city name is probably sufficient if well known.)
For example:

   University of Southern North Dakota, Hoople

You may also put the name of a file, as long as it begins with a slash.
For example:

   /etc/organization

EOH
orgname=""
while
 test "X$orgname" = "X"; do
 rp='Organization:'
 . ./myread
 orgname="$ans"
done

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/orgname.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: d_waitpid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_waitpid.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:02  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_waitpid: Inlibc
?MAKE: -pick add $@ %<
?S:d_waitpid:
?S: This variable conditionally defines HAS_WAITPID if waitpid() is
?S: available to wait for child process.
?S:.
?C:HAS_WAITPID (WAITPID):
?C: This symbol, if defined, indicates that the waitpid routine is
?C: available to wait for child process.
?C:.
?H:#$d_waitpid HAS_WAITPID /**/
?H:.
?LINT:set
 d_waitpid
: see if waitpid exists
set waitpid d_waitpid
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_waitpid.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_wcstombs.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_wcstombs.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:03  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_wcstombs: Inlibc
```

```
?MAKE: -pick add $@ %<
?S:d_wcstombs:
?S: This variable conditionally defines the HAS_WCSTOMBS symbol, which
?S: indicates to the C program that the wcstombs() routine is available
?S: to convert wide character strings to multibyte strings.
?S:.
?C:HAS_WCSTOMBS:
?C: This symbol, if defined, indicates that the wcstombs
 routine is
?C: available to convert wide character strings to multibyte strings.
?C:.
?H:#$d_wcstombs HAS_WCSTOMBS /**/
?H:.
?LINT:set d_wcstombs
: see if wcstombs exists
set wcstombs d_wcstombs
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_wcstombs.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_group.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_group.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  15:34:52  ram
?RCS: patch61: useless unit dropped.
?RCS:
?RCS: Revision 3.0.1.1  1994/08/29  16:07:48  ram
?RCS: patch32: created by ADO
?RCS:
?X:
?X: Useless unit dropped.
?X:
?LINT:empty
```

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_group.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_gconvert.U,v 3.0.1.3 1997/02/28 15:33:38 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_gconvert.U,v $
?RCS: Revision 3.0.1.3 1997/02/28  15:33:38  ram
?RCS: patch61: integrated new unit from perl5
?RCS:
?RCS: Revision 3.0.1.2 1995/07/25  13:55:59  ram
?RCS: patch56: improved comments about the Gconvert macro (ADO)
?RCS: patch56: force compile-link test since it may exist but be unusable (ADO)
?RCS:
?RCS: Revision 3.0.1.1 1994/10/29  16:12:51  ram
?RCS: patch36:
 created by ADO
?RCS:
?MAKE:d_Gconvert: \
 Compile cat Inlibc rm _o rm_try i_stdlib d_qgcvt run \
 uselongdouble d_longdbl d_PRIgldbl sPRIgldbl
?MAKE: -pick add $@ %<
?S:d_Gconvert:
?S: This variable holds what Gconvert is defined as to convert
?S: floating point numbers into strings.  By default, Configure
?S: sets this macro to use the first of gconvert, gcvt, or sprintf
?S: that pass sprintf-%g-like behavior tests.  If perl is using
?S: long doubles, the macro uses the first of the following
?S: functions that pass Configure's tests: qgcvt, sprintf (if
?S: Configure knows how to make sprintf format long doubles--see
?S: sPRIgldbl), gconvert, gcvt, and sprintf (casting to double).
?S: The gconvert_preference and gconvert_ld_preference variables
?S: can be used to alter Configure's preferences, for doubles and
?S: long doubles, respectively.  If present, they contain a
?S: space-separated list of one or more of the above function
?S: names in the order they should be tried.
?S:
?S: d_Gconvert
```

```
 may be set to override Configure with a platform-
?S: specific function.  If this function expects a double, a
?S: different value may need to be set by the uselongdouble.cbu
?S: call-back unit so that long doubles can be formatted without
?S: loss of precision.
?S:.
?C:Gconvert:
?C: This preprocessor macro is defined to convert a floating point
?C: number to a string without a trailing decimal point.  This
?C: emulates the behavior of sprintf("%g"), but is sometimes much more
?C: efficient.  If gconvert() is not available, but gcvt() drops the
?C: trailing decimal point, then gcvt() is used.  If all else fails,
?C: a macro using sprintf("%g") is used. Arguments for the Gconvert
?C: macro are: value, number of digits, whether trailing zeros should
?C: be retained, and the output buffer.
?C: The usual values are:
?C:  d_Gconvert='gconvert((x),(n),(t),(b))'
?C:  d_Gconvert='gcvt((x),(n),(b))'
?C:  d_Gconvert='sprintf((b),"%.*g",(n),(x))'
?C: The last two assume trailing zeros should
 not be kept.
?C:.
?H:#define Gconvert(x,n,t,b) $d_Gconvert
?H:.
?T: xxx_list xxx_convert xxx_ld_list
?F:!try
?LINT:extern gconvert_preference
?LINT:extern gconvert_ld_preference
: Check how to convert floats to strings.

if test "X$d_Gconvert" = X; then

echo " "
echo "Checking for an efficient way to convert floats to strings."
echo " " > try.c
case "$uselongdouble" in
"$define") echo "#define USE_LONG_DOUBLE" >>try.c ;;
esac
case "$d_longdbl" in
"$define") echo "#define HAS_LONG_DOUBLE" >>try.c ;;
esac
case "$d_PRIgldbl" in
"$define") echo "#define HAS_PRIgldbl"    >>try.c ;;
esac
$cat >>try.c <<EOP
#ifdef TRY_gconvert
#define Gconvert(x,n,t,b) gconvert((x),(n),(t),(b))
char *myname = "gconvert";
```

```
#endif
#ifdef TRY_gcvt
#define Gconvert(x,n,t,b) gcvt((x),(n),(b))
char *myname = "gcvt";
#endif
#ifdef TRY_qgcvt
#define Gconvert(x,n,t,b) qgcvt((x),(n),(b))
char *myname = "qgcvt";
#define DOUBLETYPE long double
#endif
#ifdef TRY_sprintf
#if defined(USE_LONG_DOUBLE) && defined(HAS_LONG_DOUBLE)
#ifdef
 HAS_PRIgldbl
#define Gconvert(x,n,t,b) sprintf((b),"%.*"$sPRIgldbl,(n),(x))
#else
#define Gconvert(x,n,t,b) sprintf((b),"%.*g",(n),(double)(x))
#endif
#else
#define Gconvert(x,n,t,b) sprintf((b),"%.*g",(n),(x))
#endif
char *myname = "sprintf";
#endif

#ifndef DOUBLETYPE
#if defined(USE_LONG_DOUBLE) && defined(HAS_LONG_DOUBLE)
#define DOUBLETYPE long double
#else
#define DOUBLETYPE double
#endif
#endif

#include <stdio.h>

#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#include <string.h>

int checkit(char *expect, char *got)
{
   if (strcmp(expect, got)) {
  printf("%s oddity:  Expected %s, got %s\n",
   myname, expect, got);
  exit(1);
 }
}
```

```
int main()
{
 char buf[64];
 buf[63] = '\0';

 /* This must be 1st test on (which?) platform */
 /* Alan Burlison <AlanBurlsin@unn.unisys.com> */
 Gconvert((DOUBLETYPE)0.1, 8, 0, buf);
 checkit("0.1", buf);

 Gconvert((DOUBLETYPE)0.01, 8, 0, buf);
 checkit("0.01", buf);

 Gconvert((DOUBLETYPE)0.001, 8, 0, buf);
 checkit("0.001",
 buf);

 Gconvert((DOUBLETYPE)0.0001, 8, 0, buf);
 checkit("0.0001", buf);

 Gconvert((DOUBLETYPE)0.00009, 8, 0, buf);
 if (strlen(buf) > 5)
    checkit("9e-005", buf); /* for Microsoft ?? */
 else
    checkit("9e-05", buf);

 Gconvert((DOUBLETYPE)1.0, 8, 0, buf);
 checkit("1", buf);

 Gconvert((DOUBLETYPE)1.1, 8, 0, buf);
 checkit("1.1", buf);

 Gconvert((DOUBLETYPE)1.01, 8, 0, buf);
 checkit("1.01", buf);

 Gconvert((DOUBLETYPE)1.001, 8, 0, buf);
 checkit("1.001", buf);

 Gconvert((DOUBLETYPE)1.0001, 8, 0, buf);
 checkit("1.0001", buf);

 Gconvert((DOUBLETYPE)1.00001, 8, 0, buf);
 checkit("1.00001", buf);

 Gconvert((DOUBLETYPE)1.000001, 8, 0, buf);
 checkit("1.000001", buf);
```

```
 Gconvert((DOUBLETYPE)0.0, 8, 0, buf);
 checkit("0", buf);

 Gconvert((DOUBLETYPE)-1.0, 8, 0, buf);
 checkit("-1", buf);

 /* Some Linux gcvt's give 1.e+5 here. */
 Gconvert((DOUBLETYPE)100000.0, 8, 0, buf);
 checkit("100000", buf);

 /* Some Linux gcvt's give -1.e+5 here. */
 Gconvert((DOUBLETYPE)-100000.0,
 8, 0, buf);
 checkit("-100000", buf);

 Gconvert((DOUBLETYPE)123.456, 8, 0, buf);
 checkit("123.456", buf);

 /* Testing of 1e+129 in bigintpm.t must not get extra '.' here. */
 Gconvert((DOUBLETYPE)1e34, 8, 0, buf);
 /* 34 should be enough to scare even long double
  * places into using the e notation. */
 if (strlen(buf) > 5)
     checkit("1e+034", buf); /* for Microsoft */
 else
     checkit("1e+34", buf);

 /* For Perl, if you add additional tests here, also add them to
  * t/base/num.t for benefit of platforms not using Configure or
  * overriding d_Gconvert */

 exit(0);
}
EOP
?X: List of order in which to search for functions.
?X: Usual order of efficiency is gconvert gcvt sprintf
?X: If a hint file sets a d_Gconvert="gconvert" or "gcvt" or "sprintf",
?X: then that is taken as a hint for which function to try first.
?X: (e.g. that function may be in a problematic /usr/ucblib library, and
?X: the user may or may not choose to use -lucb stuff.)
?X: Any other hint file
 (or previous config.sh) setting is left intact.
: first add preferred functions to our list
xxx_list=""
for xxx_convert in $gconvert_preference; do
   case $xxx_convert in
   gcvt|gconvert|sprintf) xxx_list="$xxx_list $xxx_convert" ;;
   *) echo "Discarding unrecognized gconvert_preference $xxx_convert" >&4 ;;
```

```
  esac
done
: then add any others
for xxx_convert in gconvert gcvt sprintf; do
  case "$xxx_list" in
  *$xxx_convert*) ;;
  *) xxx_list="$xxx_list $xxx_convert" ;;
  esac
done

case "$d_longdbl$uselongdouble" in
"$define$define")
  : again, add preferred functions to our list first
  xxx_ld_list=""
  for xxx_convert in $gconvert_ld_preference; do
      case $xxx_convert in
      qgcvt|gcvt|gconvert|sprintf) xxx_ld_list="$xxx_ld_list $xxx_convert" ;;
      *) echo "Discarding unrecognized gconvert_ld_preference $xxx_convert" ;;
      esac
  done
  : then add qgcvt, sprintf--then, in xxx_list order, gconvert and gcvt
  for xxx_convert in qgcvt sprintf
 $xxx_list; do
      case "$xxx_ld_list" in
      $xxx_convert*|*" $xxx_convert"*) ;;
      *) xxx_ld_list="$xxx_ld_list $xxx_convert" ;;
      esac
  done
  : if sprintf cannot do long doubles, move it to the end
  if test "$d_PRIgldbl" != "$define"; then
      xxx_ld_list="`echo $xxx_ld_list|sed s/sprintf//` sprintf"
  fi
  : if no qgcvt, remove it
  if test "$d_qgcvt" != "$define"; then
      xxx_ld_list="`echo $xxx_ld_list|sed s/qgcvt//`"
  fi
  : use the ld_list
  xxx_list="$xxx_ld_list"
  ;;
esac

for xxx_convert in $xxx_list; do
 echo "Trying $xxx_convert..."
?X: Do NOT use $rm_try here, as we need to keep try.c
 $rm -f try try$_o core
 set try -DTRY_$xxx_convert
 if eval $compile; then
  echo "$xxx_convert() found." >&4
```

```
  if $run ./try; then
   echo "I'll use $xxx_convert to convert floats into a string." >&4
   break;
  else
   echo "...But $xxx_convert didn't work as I expected."
   xxx_convert=''
  fi
 else
  echo "$xxx_convert NOT found."
 >&4
 fi
done

if test X$xxx_convert = X; then
   echo "*** WHOA THERE!!! ***" >&4
   echo "None of ($xxx_list)  seemed to work properly.  I'll use sprintf." >&4
   xxx_convert=sprintf
fi

case "$xxx_convert" in
gconvert) d_Gconvert='gconvert((x),(n),(t),(b))' ;;
gcvt) d_Gconvert='gcvt((x),(n),(b))' ;;
qgcvt) d_Gconvert='qgcvt((x),(n),(b))' ;;
*) case "$uselongdouble$d_longdbl$d_PRIgldbl" in
  "$define$define$define")
     d_Gconvert="sprintf((b),\"%.*\"$sPRIgldbl,(n),(x))" ;;
  "$define$define$undef")
     d_Gconvert='sprintf((b),"%.*g",(n),(double)(x))' ;;
  *) d_Gconvert='sprintf((b),"%.*g",(n),(x))' ;;
  esac
  ;;
esac

fi
$rm_try
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_gconvert.U
No license file was found, but licenses were detected in source scan.

```
#  You may redistribute only under the terms of the Artistic Licence,
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patcil
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/manifake

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patpost
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/kitsend
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patftp
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patclean
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/makedist
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/mlint
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patsnap
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/files/fixcpp
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patnotify
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/makegloss
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patmake
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/metaconfig
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/kitpost
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/manicheck
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patbase
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/jmake
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patindex
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/metalint
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/mconfig
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patcol
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/bindex
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patlog
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/bin/packinit
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/errnolist.mk
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/jmkmf
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/manilist
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patdiff
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patname
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/pat
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/patsend
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/makeSH
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: vendorlib.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera $
?RCS:
?RCS: Copyright (c) 1999, Andy Dougherty
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: vendorlib.U,v $
?RCS: Revision 1.1  1999/07/08 18:32:57  doughera
?RCS: Initial revision
?RCS:
?MAKE:d_vendorlib vendorlib vendorlibexp installvendorlib vendorlib_stem: \
 Getfile Setprefixvar Oldconfig Prefixit package vendorprefix sed \
 installstyle version
?MAKE: -pick add $@ %<
?Y:TOP
?S:vendorlib:
?S: This variable contains the eventual value of the VENDORLIB symbol,
?S: which is the name of the private library for this package.
?S: The standard
 distribution will put nothing in this directory.
?S: Vendors who distribute perl may wish to place their own
?S: modules in this directory with
?S:  MakeMaker Makefile.PL INSTALLDIRS=vendor
?S: or equivalent.  See INSTALL for details.
```

```
?S:.
?S:vendorlibexp:
?S: This variable is the ~name expanded version of vendorlib, so that you
?S: may use it directly in Makefiles or shell scripts.
?S:.
?D:installvendorlib="
?S:installvendorlib:
?S: This variable is really the same as vendorlibexp but may differ on
?S: those systems using AFS. For extra portability, only this variable
?S: should be used in makefiles.
?S:.
?S:d_vendorlib:
?S: This variable conditionally defines PERL_VENDORLIB.
?S:.
?S:vendorlib_stem:
?S: This variable is $vendorlibexp with any trailing version-specific component
?S: removed.  The elements in inc_version_list (inc_version_list.U) can
?S: be tacked onto this variable to generate a list of directories to search.
?S:.
?C:PERL_VENDORLIB:
?C: If defined, this symbol contains
 the name of a private library.
?C: The library is private in the sense that it needn't be in anyone's
?C: execution path, but it should be accessible by the world.  The program
?C: should be prepared to do ~ expansion.
?C: The standard distribution will put nothing in this directory.
?C: Vendors who distribute perl may wish to place their own
?C: modules in this directory with
?C:  MakeMaker Makefile.PL INSTALLDIRS=vendor
?C: or equivalent.  See INSTALL for details.
?C:.
?C:PERL_VENDORLIB_EXP:
?C: This symbol contains the ~name expanded version of VENDORLIB, to be used
?C: in programs that are not prepared to deal with ~ expansion at run-time.
?C:.
?C:PERL_VENDORLIB_STEM:
?C: This define is PERL_VENDORLIB_EXP with any trailing version-specific component
?C: removed.  The elements in inc_version_list (inc_version_list.U) can
?C: be tacked onto this variable to generate a list of directories to search.
?C:.
?H:#$d_vendorlib PERL_VENDORLIB "$vendorlib"  /**/
?H:#$d_vendorlib PERL_VENDORLIB_EXP
 "$vendorlibexp"  /**/
?H:#$d_vendorlib PERL_VENDORLIB_STEM "$vendorlib_stem"  /**/
?H:.
?T:prog
?LINT:change prefixvar
?LINT:set installvendorlib
```

```
: Set the vendorlib variables
case "$vendorprefix" in
") d_vendorlib="$undef"
 vendorlib="
 vendorlibexp="
 ;;
*) d_vendorlib="$define"
 : determine where vendor-supplied modules go.
 : Usual default is /usr/local/lib/perl5/vendor_perl/$version
 case "$vendorlib" in
 ")
?X:  remove any trailing -3.0 or other version identification
  prog=`echo $package | $sed 's/-*[0-9.]*$//'`
  case "$installstyle" in
  *lib/perl5*) dflt=$vendorprefix/lib/$package/vendor_$prog/$version ;;
  *)      dflt=$vendorprefix/lib/vendor_$prog/$version ;;
  esac
  ;;
 *) dflt="$vendorlib"
  ;;
 esac
 fn=d~+
 rp='Pathname for the vendor-supplied library files?'
 . ./getfile
 vendorlib="$ans"
 vendorlibexp="$ansexp"
 ;;
esac
vendorlib_stem=`echo "$vendorlibexp" | sed "s,/$version$,,"`
prefixvar=vendorlib
. ./installprefix
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/vendorlib.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_ttyname_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_ttyname_r ttyname_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_unistd extern_C
?MAKE: -pick add $@ %<
```

```
?S:d_ttyname_r:
?S: This variable conditionally defines the HAS_TTYNAME_R symbol,
?S: which indicates to the C program that the ttyname_r()
?S: routine is available.
?S:.
?S:ttyname_r_proto:
?S: This variable encodes the prototype of ttyname_r.
?S: It is zero if d_ttyname_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_ttyname_r
?S: is defined.
?S:.
?C:HAS_TTYNAME_R:
?C: This symbol, if defined, indicates that the ttyname_r routine
?C: is available to ttyname re-entrantly.
?C:.
?C:TTYNAME_R_PROTO:
?C: This
 symbol encodes the prototype of ttyname_r.
?C: It is zero if d_ttyname_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_ttyname_r
?C: is defined.
?C:.
?H:#$d_ttyname_r HAS_TTYNAME_R /**/
?H:#define TTYNAME_R_PROTO $ttyname_r_proto /**/
?H:.
?T:try hdrs d_ttyname_r_proto
: see if ttyname_r exists
set ttyname_r d_ttyname_r
eval $inlibc
case "$d_ttyname_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_unistd unistd.h"
 case "$d_ttyname_r_proto:$usethreads" in
 ":define") d_ttyname_r_proto=define
  set d_ttyname_r_proto ttyname_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_ttyname_r_proto" in
 define)
 case "$ttyname_r_proto" in
 "|0) try='int ttyname_r(int, char*, size_t);'
 ./protochk "$extern_C $try" $hdrs && ttyname_r_proto=I_IBW ;;
 esac
 case "$ttyname_r_proto" in
 "|0) try='int ttyname_r(int, char*, int);'
 ./protochk "$extern_C $try" $hdrs && ttyname_r_proto=I_IBI ;;
 esac
```

```
 case "$ttyname_r_proto"
 in
"|0) try='char* ttyname_r(int, char*, int);'
 ./protochk "$extern_C $try" $hdrs && ttyname_r_proto=B_IBI ;;
 esac
 case "$ttyname_r_proto" in
"|0) d_ttyname_r=undef
  ttyname_r_proto=0
  echo "Disabling ttyname_r, cannot determine prototype." >&4 ;;
* ) case "$ttyname_r_proto" in
  REENTRANT_PROTO*) ;;
  *) ttyname_r_proto="REENTRANT_PROTO_$ttyname_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "ttyname_r has no prototype, not using it." >&4 ;;
  esac
  d_ttyname_r=undef
  ttyname_r_proto=0
  ;;
 esac
 ;;
*) ttyname_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_ttyname_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
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?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_getaddrinfo: Inlibc
?MAKE: -pick add $@ %<
?S:d_getaddrinfo:
?S: This variable conditionally defines the HAS_GETADDRINFO symbol,
?S: which indicates to the C program that the getaddrinfo() function
?S: is available.
?S:.
?C:HAS_GETADDRINFO:
```

```
?C: This symbol, if defined, indicates that the getaddrinfo() function
?C: is available for use.
?C:.
?H:#$d_getaddrinfo HAS_GETADDRINFO  /**/
?H:.
?LINT:set d_getaddrinfo
: see if getaddrinfo exists
set getaddrinfo d_getaddrinfo
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getaddrinfo.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysdir.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_sysdir.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:22:30  ram
?RCS: patch32: fixed typo in I_SYS_DIR symbol name
?RCS:
?RCS: Revision 3.0  1993/08/18  12:08:30  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_sysdir: Inhdr
?MAKE: -pick add $@ %<
?S:i_sysdir:
?S: This variable conditionally defines the I_SYS_DIR symbol, and indicates
?S: whether a C program should include <sys/dir.h>.
?S:.
?C:I_SYS_DIR (I_SYSDIR):
?C: This symbol, if
 defined, indicates to the C program that it should
?C: include <sys/dir.h>.
?C:.
?H:#$i_sysdir I_SYS_DIR  /**/
?H:.
?LINT:set i_sysdir
: see if this is an sysdir system
set sys/dir.h i_sysdir
```

```
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_sysdir.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Whoa.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  15:21:21  ram
?RCS: patch61: whoa script now starts with leading "startsh"
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  16:02:01  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:19  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit produces a bit of shell code that must be dotted in in order
?X: to warn the user in case a change into a variable is noticed.
?X:
?X: To use this
 unit, $was must hold the old value that has changed. Upon
?X: exit, the two variables $td and $tu are set to the correct value for
?X: respectively defining or undefining a variable. For instance, if $vas was
?X: $undef, but now $var is $define, after calling . whoa, you should use
?X: eval "$var=\$tu" to finally set $var to the correct value. See unit Inlibc.
?X:
?MAKE:Whoa: Myread startsh hint
?MAKE: -pick add $@ %<
?F:./whoa
?T:var was
?LINT:change td tu
: set up the script used to warn in case of inconsistency
cat <<EOS >whoa
$startsh
EOS
cat <<'EOSC' >>whoa
```

```
dflt=y
echo " "
echo "*** WHOA THERE!!! ***" >&4
echo "    The $hint value for \$$var on this machine was \"$was\"!" >&4
rp="    Keep the $hint value?"
. ./myread
case "$ans" in
y) td=$was; tu=$was;;
esac
EOSC
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Whoa.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_statblks.U,v 3.0 1993/08/18 12:07:29 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_statblks.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:29  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_statblks: Hasfield i_sysstat
?MAKE: -pick add $@ %<
?S:d_statblks:
?S: This variable conditionally defines USE_STAT_BLOCKS
?S: if this system has a stat structure declaring
?S: st_blksize and st_blocks.
?S:.
?C:USE_STAT_BLOCKS (STATBLOCKS):
?C: This symbol is defined if this system has a stat structure declaring
?C: st_blksize and st_blocks.
?C:.
?H:?%<:#ifndef
 USE_STAT_BLOCKS
?H:?%<:#$d_statblks USE_STAT_BLOCKS /**/
?H:?%<:#endif
?H:.
?LINT:set d_statblks
: see if stat knows about block sizes
```

```
echo " "
echo "Checking to see if your struct stat has st_blocks field..." >&4
set d_statblks stat st_blocks $i_sysstat sys/stat.h
eval $hasfield
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_statblks.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: spitshell.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: spitshell.U,v $
?RCS: Revision 3.0.1.4  1997/02/28  16:22:12  ram
?RCS: patch61: removed useless chatter as this is now done very early
?RCS:
?RCS: Revision 3.0.1.3  1995/01/11  15:37:01  ram
?RCS: patch45: use 'test -f' instead of 'test -r' for exec-only cat progs (WED)
?RCS: patch45: protected "sh -c" within backquotes for Linux and SGI
?RCS:
?RCS: Revision 3.0.1.2  1994/08/29  16:33:00  ram
?RCS: patch32: don't create spitshell under the UU directory
?RCS:
 patch32: allow for cat in /bin or /usr/bin
?RCS:
?RCS: Revision 3.0.1.1  1993/09/13  16:12:58  ram
?RCS: patch10: made #!-failure message more friendly (WAD)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:49  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:spitshell shsharp sharpbang: eunicefix sh Head
?MAKE: -pick add $@ %<
?S:spitshell:
?S: This variable contains the command necessary to spit out a runnable
?S: shell on this system.  It is either cat or a grep -v for # comments.
?S:.
?S:shsharp:
?S: This variable tells further Configure units whether your sh can
?S: handle # comments.
```

```
?S:.
?S:sharpbang:
?S: This variable contains the string #! if this system supports that
?S: construct.
?S:.
?F:!sharp
?T:xcat p
?X: "paths" comes from Head
?LINT:extern paths _exe
: see if sh knows # comments
?X: This is loaded up early, so avoid being chatty.
?X: echo " "
?X: echo "Checking your $sh to see if it knows about # comments..." >&2
if `$sh -c '#' >/dev/null 2>&1`; then
?X: echo
 "Your $sh handles # comments correctly."
 shsharp=true
 spitshell=cat
?X: echo " "
?X: echo "Okay, let's see if #! works on this system..."
 xcat=/bin/cat
 test -f $xcat$_exe || xcat=/usr/bin/cat
 if test ! -f $xcat$_exe; then
  for p in `echo $PATH | sed -e "s/$p_/ /g"` $paths; do
   if test -f $p/cat$_exe; then
    xcat=$p/cat
    break
   fi
  done
  if test ! -f $xcat$_exe; then
   echo "Can't find cat anywhere!"
   exit 1
  fi
 fi
 echo "#!$xcat" >sharp
 $eunicefix sharp
 chmod +x sharp
 ./sharp > today 2>/dev/null
 if test -s today; then
?X:  echo "It does."
  sharpbang='#!'
 else
  echo "#! $xcat" > sharp
  $eunicefix sharp
  chmod +x sharp
  ./sharp > today 2>/dev/null
  if test -s today; then
?X:   echo "It does."
```

```
   sharpbang='#! '
  else
?X:   echo "Okay, let's see if #! works on this system..."
?X:   echo "It's just a comment."
   sharpbang=': use '
  fi
 fi
else
 echo " "
 echo "Your $sh doesn't grok # comments--I will strip them later on."
 shsharp=false
?X: The
 spitshell script will be perused, so leave it out the UU directory
 cd ..
 echo "exec grep -v '^[  ]*#'" >spitshell
 chmod +x spitshell
 $eunicefix spitshell
 spitshell=`pwd`/spitshell
 cd UU
 echo "I presume that if # doesn't work, #! won't work either!"
 sharpbang=': use '
fi
rm -f sharp today
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/spitshell.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_atanh: Inlibc
?MAKE: -pick add $@ %<
?S:d_atanh:
?S: This variable conditionally defines the HAS_ATANH symbol, which
?S: indicates to the C program that the atanh() routine is available.
?S:.
?C:HAS_ATANH:
?C: This symbol, if defined, indicates that the atanh routine is
?C: available to do the inverse hyperbolic tangent function.
?C:.
?H:#$d_atanh HAS_ATANH  /**/
?H:.
?LINT:set d_atanh
: see if atanh exists
set atanh d_atanh
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_atanh.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_NOFILE.U,v $
?RCS: Revision 3.0.1.1  1994/10/29  16:08:38  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:39  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:nofile d_gettblsz tablesize: Myread Guess cat +cc +ccflags +libs \
 test rm Csym
?MAKE: -pick add $@ %<
?S:nofile:
?S: This variable contains the number of file descriptors available to the
?S: process.
?S:.
?S:d_gettblsz:
?S: This variable conditionally handles remapping
 of the getdtablesize()
?S: subroutine to ulimit(4,0), or the NOFILE manifest constant.
?S:.
?S:tablesize:
?S: This variable contains either the 'NOFILE' constant or 'ulimit(4, 0L)'
?S: and is used as the remapped value for the getdtablesize() macro.
?S:.
?C:getdtablesize:
?C: This catches use of the getdtablesize() subroutine, and remaps it
?C: to either ulimit(4,0) or NOFILE, if getdtablesize() isn't available.
?C:.
?C:VAL_NOFILE:
?C: This symbol contains the number of file descriptors available to the
?C: process, as determined at configuration time. Unless a static constant
?C: is needed, you should rely on getdtablesize() to obtain that number.
?C:.
```

```
?H:#$d_gettblsz getdtablesize() $tablesize /**/
?H:#define VAL_NOFILE $nofile /* Number of file descriptors */
?H:.
?F:!nofile
?T:d_ulimit4 val
: see if getdtablesize exists
echo " "
?X: Revert logical value (d_gettblsz is undef iff getdtablesize is present)
case "$d_gettblsz" in
$define) d_gettblsz="$undef";;
$undef) d_gettblsz="$define";;
esac
if
 set getdtablesize val -f d_gettblsz; eval $csym; $val; then
 echo 'getdtablesize() found.' >&4
 d_gettblsz="$undef"
 tablesize=''
@if VAL_NOFILE || nofile
 $cat >nofile.c <<'EOCP'
#include <stdio.h>
int main()
{
 printf("%d\n", getdtablesize());
}
EOCP
 nofile=''
 if $cc $ccflags -o nofile nofile.c $libs >/dev/null 2>&1; then
  nofile=`./nofile 2>/dev/null`
 fi
 if $test "$nofile"; then
  echo "(You have $nofile file descriptors available per process.)"
 else
  nofile='20'
  if ./bsd; then
   nofile='64'
  fi
 echo "(Hmm... Let's say you have $nofile file descriptors available.)"
 fi
@end
else
 echo 'getdtablesize() NOT found...' >&4
 if set ulimit val -f; eval $csym; $val; then
  echo 'Maybe ulimit(4,0) will work...'
  $cat >nofile.c <<'EOCP'
#include <stdio.h>
#ifdef GETPARAM_H
#include <sys/param.h>
#endif
```

```
int main()
{
 printf("%d %d\n",
#ifdef NOFILE
  NOFILE,
#else
  0,
#endif
  ulimit(4,0));
  exit(0);
}
EOCP
  if $cc $ccflags -DGETPARAM_H -o nofile nofile.c $libs
 >/dev/null 2>&1 \
   || $cc $ccflags -o nofile nofile.c $libs >/dev/null 2>&1 ; then
   set `./nofile`
   d_gettblsz=$1
   d_ulimit4=$2
   if $test "$d_ulimit4" -lt 0; then
    echo "Your ulimit() call doesn't tell me what I want to know."
    echo "We'll just use NOFILE in this case."
    nofile=$d_gettblsz
    d_gettblsz="$define"
    tablesize='NOFILE'
   else
    if $test "$d_gettblsz" -gt 0; then
    echo "Your system defines NOFILE to be $d_gettblsz, and" >&4
    else
    echo "I had trouble getting NOFILE from your system, but" >&4
    fi
echo "ulimit returns $d_ulimit4 as the number of available file descriptors." >&4
    dflt='y';
    echo " "
 rp='Should I use ulimit to get the number of available file descriptors?'
    . ./myread
    case "$ans" in
    y*)
     nofile=$d_ulimit4
     d_gettblsz="$define"
     tablesize='ulimit(4, 0L)'
     echo "Using ulimit(4,0)."
     ;;
    *)
     nofile=$d_gettblsz
     d_gettblsz="$define"
     tablesize='NOFILE'
     echo "Using NOFILE."
     ;;
```

```
    esac
   fi
  else
   echo
 "Strange, I couldn't get my test program to compile."
   echo "We'll just use NOFILE in this case."
   d_gettblsz="$define"
   tablesize='NOFILE'
   nofile=''
  fi
 else
  echo 'Using NOFILE instead.'
  d_gettblsz="$define"
  tablesize='NOFILE'
  nofile=''
 fi
fi
@if VAL_NOFILE || nofile
case "$nofile" in
'')
 $cat >nofile.c <<'EOCP'
#include <stdio.h>
#ifdef GETPARAM_H
#include <sys/param.h>
#endif
int main()
{
 printf("%d\n",
#ifdef NOFILE
  NOFILE,
#else
  0,
#endif
  );
  exit(0);
}
EOCP
 if $cc $ccflags -DGETPARAM_H -o nofile nofile.c $libs >/dev/null 2>&1 \
  || $cc $ccflags -o nofile nofile.c $libs >/dev/null 2>&1 ; then
  nofile=`./nofile 2>/dev/null`
 fi
 if $test "$nofile"; then
  echo "(You have $nofile file descriptors available per process.)"
 else
  nofile='20'
  if ./bsd; then
   nofile='64'
  fi
```

```
 echo "(Hmm... Let's say you have $nofile file descriptors available.)"
 fi
 ;;
esac
@end
$rm -f nofile*
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_NOFILE.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getgrgid_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_getgrgid_r getgrgid_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_grp extern_C
?MAKE: -pick add $@ %<
?S:d_getgrgid_r:
?S: This variable conditionally defines the HAS_GETGRGID_R symbol,
?S: which indicates to the C program that the getgrgid_r()
?S: routine is available.
?S:.
?S:getgrgid_r_proto:
?S: This variable encodes the prototype of getgrgid_r.
?S: It is zero if d_getgrgid_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getgrgid_r
?S: is defined.
?S:.
?C:HAS_GETGRGID_R:
?C: This symbol, if defined, indicates that the getgrgid_r routine
?C: is available to
 getgrgid re-entrantly.
?C:.
?C:GETGRGID_R_PROTO:
?C: This symbol encodes the prototype of getgrgid_r.
?C: It is zero if d_getgrgid_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getgrgid_r
?C: is defined.
?C:.
?H:#$d_getgrgid_r HAS_GETGRGID_R /**/
?H:#define GETGRGID_R_PROTO $getgrgid_r_proto /**/
?H:.
```

```
?T:try hdrs d_getgrgid_r_proto
: see if getgrgid_r exists
set getgrgid_r d_getgrgid_r
eval $inlibc
case "$d_getgrgid_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_grp grp.h"
 case "$d_getgrgid_r_proto:$usethreads" in
 ":define") d_getgrgid_r_proto=define
  set d_getgrgid_r_proto getgrgid_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_getgrgid_r_proto" in
 define)
 case "$getgrgid_r_proto" in
 "|0) try='int getgrgid_r(gid_t, struct group*, char*, size_t, struct group**);'
 ./protochk "$extern_C $try" $hdrs && getgrgid_r_proto=I_TSBWR ;;
 esac
 case "$getgrgid_r_proto" in
 "|0) try='int getgrgid_r(gid_t, struct group*, char*, int, struct
 group**);'
 ./protochk "$extern_C $try" $hdrs && getgrgid_r_proto=I_TSBIR ;;
 esac
 case "$getgrgid_r_proto" in
 "|0) try='int getgrgid_r(gid_t, struct group*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getgrgid_r_proto=I_TSBI ;;
 esac
 case "$getgrgid_r_proto" in
 "|0) try='struct group* getgrgid_r(gid_t, struct group*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getgrgid_r_proto=S_TSBI ;;
 esac
 case "$getgrgid_r_proto" in
 "|0) d_getgrgid_r=undef
  getgrgid_r_proto=0
  echo "Disabling getgrgid_r, cannot determine prototype." >&4 ;;
 * ) case "$getgrgid_r_proto" in
  REENTRANT_PROTO*) ;;
  *) getgrgid_r_proto="REENTRANT_PROTO_$getgrgid_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "getgrgid_r has no prototype, not using it." >&4 ;;
  esac
  d_getgrgid_r=undef
  getgrgid_r_proto=0
```

```
  ;;
 esac
 ;;
*) getgrgid_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getgrgid_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_usendir.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_usendir.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  15:47:34  ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS: patch61: likewise for .o replaced by $_o
?RCS:
?RCS: Revision 3.0  1993/08/18  12:07:52  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_usendir i_ndir ndirlib: test Setvar Findhdr d_readdir _a
?MAKE: -pick add $@ %<
?S:d_usendir:
?S: This variable conditionally defines the EMULATE_NDIR symbol, which
?S: indicates
 to the C program that it should compile the ndir.c code
?S: provided with the package.
?S:.
?S:i_ndir (d_libndir):
?S: This variable conditionally defines the I_NDIR symbol, which
?S: indicates to the C program that it should include the system's
?S: version of ndir.h, rather than the one with this package.
?S:.
?S:ndirlib:
?S: The name of the library to include at linking stage to resolve ndir
?S: symbols. It is up to the makefile to use this value.
?S:.
?C:EMULATE_NDIR (USENDIR):
```

```
?C: This symbol, if defined, indicates that the program should compile
?C: the ndir.c code provided with the package.
?C:.
?C:I_NDIR (LIBNDIR):
?C: This symbol, if defined, indicates that the program should include the
?C: system's version of ndir.h, rather than the one with this package.
?C:.
?H:#$d_usendir EMULATE_NDIR  /**/
?H:#$i_ndir I_NDIR  /**/
?H:.
?T:val2
?LINT: set d_usendir i_ndir
: see if there are directory access routines out there
echo " "
if $test `./findhdr ndir.h` && \
 ( $test -r /usr/lib/libndir$_a
 || $test -r /usr/local/lib/libndir$_a ); then
 echo "Ndir library found." >&4
 if $test -r /usr/lib/libndir$_a; then
  ndirlib='-lndir'
 else
  ndirlib="/usr/local/lib/libndir$_a"
 fi
 val2="$define"
 val="$undef"
else
 ndirlib=''
 val2="$undef"
 case "$d_readdir" in
 "$define")
 echo "No ndir library found, but you have readdir() so we'll use that." >&4
  val="$undef";
  ;;
 *)
  echo "No ndir library found." >&4
  val="$define"
  ;;
 esac
fi
set d_usendir
eval $setvar
val="$val2"
set i_ndir
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_usendir.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: lns.U,v 3.0.1.1 1994/06/20 07:05:52 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: lns.U,v $
?RCS: Revision 3.0.1.1  1994/06/20  07:05:52  ram
?RCS: patch30: created by ADO
?RCS:
?X:
?X: This unit checks whether symbolic links are really supported.
?X: We can't rely on d_symlink because that may be listed in the
?X: C library but unimplemented.
?X:
?MAKE:lns: ln rm touch
?MAKE: -pick add $@ %<
?S:lns:
?S: This variable holds the name of the command to make
?S: symbolic
 links (if they are supported).  It can be used
?S: in the Makefile. It is either 'ln -s' or 'ln'
?S:.
: determine whether symbolic links are supported
echo " "
$touch blurfl
if $ln -s blurfl sym > /dev/null 2>&1 ; then
 echo "Symbolic links are supported." >&4
 lns="$ln -s"
else
 echo "Symbolic links are NOT supported." >&4
 lns="$ln"
fi
$rm -f blurfl sym
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/lns.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_system.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_system.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:44  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_system: Inlibc
?MAKE: -pick add $@ %<
?S:d_system:
?S: This variable conditionally defines HAS_SYSTEM if system() is
?S: available to issue a shell command.
?S:.
?C:HAS_SYSTEM (SYSTEM):
?C: This symbol, if defined, indicates that the system routine is
?C: available to issue a shell command.
?C:.
?H:#$d_system HAS_SYSTEM /**/
?H:.
?LINT:set
 d_system
: see if system exists
set system d_system
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_system.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: groupstype.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
```

```
?RCS:
?RCS: $Log: groupstype.U,v $
?RCS: Revision 3.0.1.2  1994/10/29  16:18:08  ram
?RCS: patch36: no longer uses Setvar to set 'groupstype' (ADO)
?RCS: patch36: typo fix in the word 'argument' (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/06/20  07:00:18  ram
?RCS: patch30: created by ADO
?RCS:
?MAKE:groupstype: gidtype d_getgrps Myread Oldconfig Findhdr cat d_setgrps
?MAKE: -pick add $@ %<
?INIT:groupstype=''
?S:groupstype:
?S: This
 variable defines Groups_t to be something like gid_t, int,
?S: ushort, or whatever type is used for the second argument to
?S: getgroups() and setgroups().  Usually, this is the same as
?S: gidtype (gid_t), but sometimes it isn't.
?S:.
?C:Groups_t (GROUPSTYPE):
?C: This symbol holds the type used for the second argument to
?C: getgroups() and setgroups().  Usually, this is the same as
?C: gidtype (gid_t) , but sometimes it isn't.
?C: It can be int, ushort, gid_t, etc...
?C: It may be necessary to include <sys/types.h> to get any
?C: typedef'ed information.  This is only required if you have
?C: getgroups() or setgroups()..
?C:.
?H:?%<:#if defined(HAS_GETGROUPS) || defined(HAS_SETGROUPS)
?H:?%<:#define Groups_t $groupstype /* Type for 2nd arg to [sg]etgroups() */
?H:?%<:#endif
?H:.
?W:%<:getgroups HAS_GETGROUPS setgroups HAS_SETGROUPS
: Find type of 2nd arg to 'getgroups()' and 'setgroups()'
echo " "
case "$d_getgrps$d_setgrps" in
*define*)
 case
 "$groupstype" in
 '') dflt="$gidtype" ;;
 *)  dflt="$groupstype" ;;
 esac
 $cat <<EOM
What type of pointer is the second argument to getgroups() and setgroups()?
Usually this is the same as group ids, $gidtype, but not always.

EOM
 rp='What type pointer is the second argument to getgroups() and setgroups()?'
```

```
 . ./myread
 groupstype="$ans"
 ;;
*)  groupstype="$gidtype";;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/groupstype.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_gethostbyaddr_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_gethostbyaddr_r gethostbyaddr_r_proto: Inlibc Protochk Hasproto \
 i_systypes usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_gethostbyaddr_r:
?S: This variable conditionally defines the HAS_GETHOSTBYADDR_R symbol,
?S: which indicates to the C program that the gethostbyaddr_r()
?S: routine is available.
?S:.
?S:gethostbyaddr_r_proto:
?S: This variable encodes the prototype of gethostbyaddr_r.
?S: It is zero if d_gethostbyaddr_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_gethostbyaddr_r
?S: is defined.
?S:.
?C:HAS_GETHOSTBYADDR_R:
?C: This symbol, if defined, indicates
 that the gethostbyaddr_r routine
?C: is available to gethostbyaddr re-entrantly.
?C:.
?C:GETHOSTBYADDR_R_PROTO:
?C: This symbol encodes the prototype of gethostbyaddr_r.
?C: It is zero if d_gethostbyaddr_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_gethostbyaddr_r
?C: is defined.
?C:.
?H:#$d_gethostbyaddr_r HAS_GETHOSTBYADDR_R /**/
?H:#define GETHOSTBYADDR_R_PROTO $gethostbyaddr_r_proto /**/
?H:.
?T:try hdrs d_gethostbyaddr_r_proto
```

```
: see if gethostbyaddr_r exists
set gethostbyaddr_r d_gethostbyaddr_r
eval $inlibc
case "$d_gethostbyaddr_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
 case "$d_gethostbyaddr_r_proto:$usethreads" in
 ":define") d_gethostbyaddr_r_proto=define
  set d_gethostbyaddr_r_proto gethostbyaddr_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_gethostbyaddr_r_proto" in
 define)
 case "$gethostbyaddr_r_proto" in
 "|0) try='int gethostbyaddr_r(const char*, size_t, int, struct hostent*, char*,
 size_t, struct hostent**, int*);'
 ./protochk "$extern_C $try" $hdrs && gethostbyaddr_r_proto=I_CWISBWRE ;;
 esac
 case "$gethostbyaddr_r_proto" in
 "|0) try='struct hostent* gethostbyaddr_r(const char*, size_t, int, struct hostent*, char*, size_t, int, int*);'
 ./protochk "$extern_C $try" $hdrs && gethostbyaddr_r_proto=S_CWISBWIE ;;
 esac
 case "$gethostbyaddr_r_proto" in
 "|0) try='struct hostent* gethostbyaddr_r(const char*, size_t, int, struct hostent*, char*, int, int*);'
 ./protochk "$extern_C $try" $hdrs && gethostbyaddr_r_proto=S_CWISBIE ;;
 esac
 case "$gethostbyaddr_r_proto" in
 "|0) try='struct hostent* gethostbyaddr_r(const void*, size_t, int, struct hostent*, char*, int, int*);'
 ./protochk "$extern_C $try" $hdrs && gethostbyaddr_r_proto=S_TWISBIE ;;
 esac
 case "$gethostbyaddr_r_proto" in
 "|0) try='struct hostent* gethostbyaddr_r(const char*, int, int, struct hostent*, char*, int, int*);'
 ./protochk "$extern_C $try" $hdrs && gethostbyaddr_r_proto=S_CIISBIE ;;
 esac
 case
 "$gethostbyaddr_r_proto" in
 "|0) try='struct hostent* gethostbyaddr_r(const char*, struct hostent*, char*, int, int*);'
 ./protochk "$extern_C $try" $hdrs && gethostbyaddr_r_proto=S_CSBIE ;;
 esac
 case "$gethostbyaddr_r_proto" in
 "|0) try='struct hostent* gethostbyaddr_r(const void*, struct hostent*, char*, int, int*);'
 ./protochk "$extern_C $try" $hdrs && gethostbyaddr_r_proto=S_TSBIE ;;
 esac
 case "$gethostbyaddr_r_proto" in
 "|0) try='int gethostbyaddr_r(const char*, size_t, int, struct hostent*, struct hostent_data*);'
 ./protochk "$extern_C $try" $hdrs && gethostbyaddr_r_proto=I_CWISD ;;
 esac
```

```
 case "$gethostbyaddr_r_proto" in
 "|0) try='int gethostbyaddr_r(const char*, int, int, struct hostent*, struct hostent_data*);'
 ./protochk "$extern_C $try" $hdrs && gethostbyaddr_r_proto=I_CIISD ;;
 esac
 case "$gethostbyaddr_r_proto" in
 "|0) try='int gethostbyaddr_r(const char*, int, int);'
 ./protochk "$extern_C $try" $hdrs && gethostbyaddr_r_proto=I_CII ;;
 esac
 case
 "$gethostbyaddr_r_proto" in
 "|0) try='int gethostbyaddr_r(const void*, socklen_t, int, struct hostent*, char*, size_t, struct hostent**, int*);'
 ./protochk "$extern_C $try" $hdrs && gethostbyaddr_r_proto=I_TsISBWRE ;;
 esac
 case "$gethostbyaddr_r_proto" in
 "|0) d_gethostbyaddr_r=undef
  gethostbyaddr_r_proto=0
  echo "Disabling gethostbyaddr_r, cannot determine prototype." >&4 ;;
 * ) case "$gethostbyaddr_r_proto" in
  REENTRANT_PROTO*) ;;
  *) gethostbyaddr_r_proto="REENTRANT_PROTO_$gethostbyaddr_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "gethostbyaddr_r has no prototype, not using it." >&4 ;;
  esac
  d_gethostbyaddr_r=undef
  gethostbyaddr_r_proto=0
  ;;
 esac
 ;;
*) gethostbyaddr_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_gethostbyaddr_r.U
No license file was found, but licenses were detected in source scan.

?RCS: Id
?RCS:
?RCS: Copyright (c) 1997, Chip Salzenberg
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
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```
?RCS: You may reuse parts of this distribution only within the terms of
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: sh.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  16:20:13  ram
?RCS: patch61: created
?RCS:
?MAKE:sh: Head
?MAKE: -pick wipe $@ %<
?S:sh:
?S: This variable contains the full pathname of the shell used
?S: on this system to execute Bourne shell scripts.  Usually, this will be
?S: /bin/sh, though it's possible that some systems will have /bin/ksh,
?S: /bin/pdksh, /bin/ash, /bin/bash, or even something such as
?S: D:/bin/sh.exe.
?S: This unit comes before Options.U,
 so you can't set sh with a -D
?S: option, though you can override this (and startsh)
?S: with -O -Dsh=/bin/whatever -Dstartsh=whatever
?S:.
?C:SH_PATH:
?C: This symbol contains the full pathname to the shell used on this
?C: on this system to execute Bourne shell scripts.  Usually, this will be
?C: /bin/sh, though it's possible that some systems will have /bin/ksh,
?C: /bin/pdksh, /bin/ash, /bin/bash, or even something such as
?C: D:/bin/sh.exe.
?C:.
?H:#define SH_PATH "$sh"  /**/
?H:.
?T:xxx try pth p SYSTYPE
?LINT:extern maintloc maintname
?X:
?X: Be quiet unless something unusual happens because this gets
?X: loaded up even before options are processed.
?X: Can't use ./loc because that depends on startsh, which, in turn
?X: depends on this unit.
?X:
: Find the basic shell for Bourne shell scripts
case "$sh" in
")
?X: SYSTYPE is for some older MIPS systems.
?X: I do not know if it is still needed.
 case "$SYSTYPE" in
 *bsd*|sys5*) xxx="/$SYSTYPE/bin/sh";;
 *) xxx='/bin/sh';;
 esac
 if
```

```
 test -f "$xxx"; then
  sh="$xxx"
 else
  : Build up a list and do a single loop so we can 'break' out.
  pth=`echo $PATH | sed -e "s/$p_/ /g"`
  for xxx in sh bash ksh pdksh ash; do
   for p in $pth; do
    try="$try ${p}/${xxx}"
   done
  done
  for xxx in $try; do
   if test -f "$xxx"; then
    sh="$xxx"
    break
   elif test -f "$xxx$_exe"; then
    sh="$xxx"
    break
   elif test -f "$xxx.exe"; then
    sh="$xxx"
    break
   fi
  done
 fi
 ;;
esac

?X: fd 4 isn't open yet...
case "$sh" in
") cat >&2 <<EOM
$me:  Fatal Error:  I can't find a Bourne Shell anywhere.

Usually it's in /bin/sh.  How did you even get this far?
Please contact me (<$maintname>) at <$maintloc> and
we'll try to straighten this all out.
EOM
 exit 1
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sh.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_grp.U,v 3.0 1993/08/18 12:08:20 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
```

```
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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: GRPASSWD detection added by Andy Dougherty  July 14, 1998.
?RCS:
?RCS: $Log: i_grp.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:20  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_grp d_grpasswd: \
 contains rm cppstdin cppflags cppminus Inhdr Findhdr Setvar
?MAKE: -pick add $@ %<
?S:i_grp:
?S: This variable conditionally defines the I_GRP symbol, and indicates
?S: whether a C program should include <grp.h>.
?S:.
?S:d_grpasswd:
?S: This variable conditionally
 defines GRPASSWD, which indicates
?S: that struct group in <grp.h> contains gr_passwd.
?S:.
?C:I_GRP:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <grp.h>.
?C:.
?C:GRPASSWD:
?C: This symbol, if defined, indicates to the C program that struct group
?C: in <grp.h> contains gr_passwd.
?C:.
?H:#$i_grp I_GRP  /**/
?H:#$d_grpasswd GRPASSWD /**/
?H:.
?LINT:set i_grp d_grpasswd
?T: xxx
: see if this is an grp system
set grp.h i_grp
eval $inhdr

case "$i_grp" in
$define)
 xxx=`./findhdr grp.h`
 $cppstdin $cppflags $cppminus < $xxx >$$.h

 if $contains 'gr_passwd' $$.h >/dev/null 2>&1; then
  val="$define"
```

```
 else
  val="$undef"
 fi
 set d_grpasswd
 eval $setvar

 $rm -f $$.h
 ;;
*)
 val="$undef";
 set d_grpasswd; eval $setvar
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_grp.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Loc_sed.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1996, Andy Dougherty
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?X: This is used in perl.c.
?MAKE:full_sed: sed
?MAKE: -pick add $@ %<
?S:full_sed:
?S: This variable contains the full pathname to 'sed', whether or
?S: not the user has specified 'portability'.  This is only used
?S: in the compiled C program, and we assume that all systems which
?S: can share this executable will have the same full pathname to
?S: 'sed.'
?S:.
?X: Yes, I know about the C symbol PORTABLE, but I think sed
?X: is
 unlikely to move, and I'm too lazy to add all the
?X: #ifdef PORTABLE sections to the perl source.
?X:
?C:LOC_SED:
?C: This symbol holds the complete pathname to the sed program.
?C:.
```

```
?H:#define LOC_SED  "$full_sed" /**/
?H:.
: Store the full pathname to the sed program for use in the C program
full_sed=$sed
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Loc_sed.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: sig_name.U,v $
?RCS: Revision 3.0.1.5  1997/02/28  16:21:25  ram
?RCS: patch61: brand new algorithm for sig_name and (new!) sig_num
?RCS:
?RCS: Revision 3.0.1.4  1995/07/25  14:14:54  ram
?RCS: patch56: added <asm/signal.h> lookup for linux
?RCS:
?RCS: Revision 3.0.1.3  1995/05/12  12:24:11  ram
?RCS: patch54: now looks for <linux/signal.h> too (ADO)
?RCS:
?RCS: Revision 3.0.1.2  1994/06/20  07:06:57  ram
?RCS: patch30: final echo was missing to close awk-printed string
?RCS:
?RCS: Revision 3.0.1.1
  1994/05/06  15:17:55  ram
?RCS: patch23: signal list now formatted to avoid scroll-ups (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:47  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:sig_name sig_name_init sig_num sig_num_init sig_count sig_size: \
 awk Signal Oldconfig rm
?MAKE: -pick add $@ %<
?S:sig_name:
?S: This variable holds the signal names, space separated. The leading
?S: SIG in signal name is removed.  A ZERO is prepended to the
?S: list.  This is currently not used.
?S:.
```

```
?S:sig_name_init:
?S: This variable holds the signal names, enclosed in double quotes and
?S: separated by commas, suitable for use in the SIG_NAME definition
?S: below.  A "ZERO" is prepended to the list, and the list is
?S: terminated with a plain 0.  The leading SIG in signal names
?S: is removed. See sig_num.
?S:.
?S:sig_num:
?S: This variable holds the signal numbers, space separated. A ZERO is
?S: prepended to the list (corresponding to the fake SIGZERO), and
?S: the list is terminated
 with a 0.  Those numbers correspond to
?S: the value of the signal listed in the same place within the
?S: sig_name list.
?S:.
?S:sig_num_init:
?S: This variable holds the signal numbers, enclosed in double quotes and
?S: separated by commas, suitable for use in the SIG_NUM definition
?S: below.  A "ZERO" is prepended to the list, and the list is
?S: terminated with a plain 0.
?S:.
?S:sig_count (sig_name.U):
?S:  This variable holds a number larger than the largest valid
?S:  signal number.  This is usually the same as the NSIG macro.
?S:.
?S:sig_size:
?S:  This variable contains the number of elements of the sig_name
?S:  and sig_num arrays, excluding the final NULL entry.
?S:.
?C:SIG_NAME:
?C: This symbol contains a list of signal names in order of
?C: signal number. This is intended
?C: to be used as a static array initialization, like this:
?C:  char *sig_name[] = { SIG_NAME };
?C: The signals in the list are separated with commas, and each signal
?C: is surrounded by double
 quotes. There is no leading SIG in the signal
?C: name, i.e. SIGQUIT is known as "QUIT".
?C: Gaps in the signal numbers (up to NSIG) are filled in with NUMnn,
?C: etc., where nn is the actual signal number (e.g. NUM37).
?C: The signal number for sig_name[i] is stored in sig_num[i].
?C: The last element is 0 to terminate the list with a NULL.  This
?C: corresponds to the 0 at the end of the sig_num list.
?C:.
?C:SIG_NUM:
?C: This symbol contains a list of signal numbers, in the same order as the
?C: SIG_NAME list. It is suitable for static array initialization, as in:
?C:  int sig_num[] = { SIG_NUM };
```

```
?C: The signals in the list are separated with commas, and the indices
?C: within that list and the SIG_NAME list match, so it's easy to compute
?C: the signal name from a number or vice versa at the price of a small
?C: dynamic linear lookup.
?C: Duplicates are allowed, but are moved to the end of the list.
?C: The signal number corresponding to sig_name[i] is sig_number[i].
?C: if (i
 < NSIG) then sig_number[i] == i.
?C: The last element is 0, corresponding to the 0 at the end of
?C: the sig_name list.
?C:.
?C:SIG_COUNT:
?C: This variable contains a number larger than the largest
?C: signal number.  This is usually the same as the NSIG macro.
?C:.
?C:SIG_SIZE:
?C: This variable contains the number of elements of the sig_name
?C: and sig_num arrays, excluding the final NULL entry.
?C:.
?H:#define SIG_NAME $sig_name_init  /**/
?H:#define SIG_NUM  $sig_num_init  /**/
?H:#define SIG_COUNT $sig_count   /**/
?H:#define SIG_SIZE $sig_size   /**/
?H:.
?T:i doinit
?F:!= !signal_cmd
?X: signal.cmd creates a file  signal.lst which has two columns:
?X: NAME  number, e.g.
?X:  HUP 1
?X: The list is sorted on signal number, with duplicates moved to
?X: the end..
: generate list of signal names
echo " "
case "$sig_name_init" in
") doinit=yes ;;
*)  case "$sig_num_init" in
   "|*,*) doinit=yes ;;
   esac ;;
esac
case "$doinit" in
yes)
 echo "Generating a list of signal names and
 numbers..." >&4
 . ./signal_cmd
 sig_count=`$awk '/^NSIG/ { printf "%d", $2 }' signal.lst`
 sig_name=`$awk 'BEGIN { printf "ZERO " }
   !/^NSIG/ { printf "%s ", $1 }' signal.lst`
 sig_num=`$awk  'BEGIN { printf "0 " }
```

```
  !/^NSIG/ { printf "%d ", $2 }' signal.lst`
 sig_name_init=`$awk 'BEGIN { printf "\"ZERO\", " }
       !/^NSIG/ { printf "\"%s\", ", $1 }
       END { printf "0\n" }' signal.lst`
 sig_num_init=`$awk  'BEGIN { printf "0, " }
       !/^NSIG/ { printf "%d, ", $2}
       END { printf "0\n"}' signal.lst`
 ;;
esac
echo "The following $sig_count signals are available:"
echo " "
echo $sig_name | $awk \
'BEGIN { linelen = 0 }
{
 for (i = 1; i <= NF; i++) {
  name = "SIG" $i " "
  linelen = linelen + length(name)
  if (linelen > 70) {
   printf "\n"
   linelen = length(name)
  }
  printf "%s", name
 }
 printf "\n"
}'
sig_size=`echo $sig_name | awk '{print NF}'`
$rm -f signal signal.c signal.awk signal.lst signal_cmd
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sig_name.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_wifstat.U,v $
?RCS: Revision 3.0.1.3  1997/02/28  15:47:43  ram
?RCS: patch61: added a ?F: metalint hint
?RCS:
?RCS: Revision 3.0.1.2  1995/07/25  14:09:10  ram
```

```
?RCS: patch56: re-arranged compile line to include ldflags before objects
?RCS:
?RCS: Revision 3.0.1.1  1995/03/21  08:47:46  ram
?RCS: patch52: created
?RCS:
?MAKE:d_wifstat: d_uwait +cc +ccflags +ldflags +libs Oldconfig cat rm
?MAKE: -pick add $@ %<
?S:d_wifstat:
?S: This symbol conditionally defines USE_WIFSTAT if the C program can
?S: safely
 use the WIFxxx macros with the kind of wait() parameter
?S: declared in the program (see UNION_WAIT), or if it can't. Should
?S: only matter on HP-UX, where the macros are incorrectly written and
?S: therefore cause programs using them with an 'union wait' variable
?S: to not compile properly.
?S:.
?C:USE_WIFSTAT:
?C: This symbol, if defined, indicates to the C program that the argument
?C: for the WIFxxx set of macros such as WIFSIGNALED or WIFEXITED can
?C: be of the same kind as the one used to hold the wait() status. Should
?C: only matter on HP-UX, where the macros are incorrectly written and
?C: therefore cause programs using them with an 'union wait' variable
?C: to not compile properly. See also UNION_WAIT.
?C:.
?H:#$d_wifstat USE_WIFSTAT  /**/
?H:.
?T:type
?F:!foo
: see if we can use WIFxxx macros
echo " "
case "$d_wifstat" in
"$define") echo "As before, you can safely use WIFEXITED and friends!" >&4;;
"$undef") echo "You still can't use WIFEXITED and friends!" >&4;;
*)
 echo
 "Let's see whether you can use the WIFEXITED(status) macro and its"
 case "$d_uwait" in
 "$define") type='union wait';;
 *) type='int';;
 esac
 echo "friends with status declared as '$type status'..."
 $cat >foo.c <<EOCP
#include <sys/types.h>
#include <sys/wait.h>

int main()
{
 $type status;
```

```
 int e = 0;

#ifdef WIFEXITED
 if (WIFEXITED(status))
  printf("\n");
 exit(0);
#else
 exit(2);
#endif
}
EOCP
 d_wifstat="$undef"
 if $cc $ccflags $ldflags -o foo foo.c $libs >/dev/null 2>&1; then
  if ./foo >/dev/null; then
   echo "Great! Looks like we can use the WIFxxx macros." >&4
   d_wifstat="$define"
  else
   echo "You don't seem to have WIFxxx macros, but that's ok." >&4
  fi
 else
  echo "Apparently you can't use WIFxxx macros properly." >&4
 fi
 $rm -f foo.* foo core
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_wifstat.U
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```
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_voidsig.U,v $
?RCS: Revision 3.0.1.3  1995/05/12  12:12:46  ram
?RCS: patch54: made cppflags dependency optional
?RCS:
?RCS: Revision 3.0.1.2  1994/08/29  16:20:35  ram
?RCS: patch32: now sets signal_t only once d_voidsig is known (WED)
?RCS:
```

```
?RCS: Revision 3.0.1.1  1994/06/20  06:59:54  ram
?RCS: patch30: now properly sets signal_t when re-using previous value
?RCS:
?RCS: Revision 3.0  1993/08/18  12:07:56  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_voidsig signal_t: rm contains
 cppstdin cppminus +cppflags test Myread \
 Oldconfig Setvar Findhdr
?MAKE: -pick add $@ %<
?S:d_voidsig:
?S: This variable conditionally defines VOIDSIG if this system
?S: declares "void (*signal(...))()" in signal.h.  The old way was to
?S: declare it as "int (*signal(...))()".
?S:.
?S:signal_t:
?S: This variable holds the type of the signal handler (void or int).
?S:.
?C:VOIDSIG:
?C: This symbol is defined if this system declares "void (*signal(...))()" in
?C: signal.h.  The old way was to declare it as "int (*signal(...))()".  It
?C: is up to the package author to declare things correctly based on the
?C: symbol.
?C:.
?C:Signal_t (SIGNAL_T):
?C: This symbol's value is either "void" or "int", corresponding to the
?C: appropriate return type of a signal handler.  Thus, you can declare
?C: a signal handler using "Signal_t (*handler)()", and define the
?C: handler using "Signal_t handler(sig)".
?C:.
?H:#$d_voidsig VOIDSIG  /**/
?H:#define Signal_t $signal_t /* Signal handler's return
 type */
?H:.
?T:xxx
?LINT:set d_voidsig
: see if signal is declared as pointer to function returning int or void
echo " "
xxx=`./findhdr signal.h`
$test "$xxx" && $cppstdin $cppminus $cppflags < $xxx >$$.tmp 2>/dev/null
if $contains 'int.*\*[  ]*signal' $$.tmp >/dev/null 2>&1 ; then
 echo "You have int (*signal())() instead of void." >&4
 val="$undef"
elif $contains 'void.*\*[  ]*signal' $$.tmp >/dev/null 2>&1 ; then
 echo "You have void (*signal())() instead of int." >&4
 val="$define"
elif $contains 'extern[  ]*[(\*]*signal' $$.tmp >/dev/null 2>&1 ; then
 echo "You have int (*signal())() instead of void." >&4
```

```
 val="$undef"
else
 case "$d_voidsig" in
 ")
 echo "I can't determine whether signal handler returns void or int..." >&4
  dflt=void
  rp="What type does your signal handler return?"
  . ./myread
  case "$ans" in
  v*) val="$define";;
  *) val="$undef";;
  esac;;
 "$define")
  echo "As you already told me, signal handler returns void." >&4;;
 *)
  echo "As you already told
 me, signal handler returns int." >&4;;
 esac
fi
set d_voidsig
eval $setvar
case "$d_voidsig" in
"$define") signal_t="void";;
*) signal_t="int";;
esac
$rm -f $$.tmp
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_voidsig.U
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```
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_eaccess: Inlibc
?MAKE: -pick add $@ %<
?S:d_eaccess:
?S: This variable conditionally defines the HAS_EACCESS symbol, which
?S: indicates to the C program that the eaccess() routine is available.
?S:.
?C:HAS_EACCESS :
?C: This symbol, if defined, indicates that the eaccess routine is
?C: available to do extended access checks.
```

```
?C:.
?H:#$d_eaccess HAS_EACCESS  /**/
?H:.
?LINT:set d_eaccess
: see if eaccess exists
set eaccess d_eaccess
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/acl/d_eaccess.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getnetbyname_r.U,v 0RCS:
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?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_getnetbyname_r getnetbyname_r_proto: Inlibc Protochk Hasproto \
 i_systypes usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_getnetbyname_r:
?S: This variable conditionally defines the HAS_GETNETBYNAME_R symbol,
?S: which indicates to the C program that the getnetbyname_r()
?S: routine is available.
?S:.
?S:getnetbyname_r_proto:
?S: This variable encodes the prototype of getnetbyname_r.
?S: It is zero if d_getnetbyname_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getnetbyname_r
?S: is defined.
?S:.
?C:HAS_GETNETBYNAME_R:
?C: This symbol, if defined, indicates that
 the getnetbyname_r routine
?C: is available to getnetbyname re-entrantly.
?C:.
?C:GETNETBYNAME_R_PROTO:
?C: This symbol encodes the prototype of getnetbyname_r.
?C: It is zero if d_getnetbyname_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getnetbyname_r
?C: is defined.
?C:.
?H:#$d_getnetbyname_r HAS_GETNETBYNAME_R /**/
?H:#define GETNETBYNAME_R_PROTO $getnetbyname_r_proto /**/
```

```
?H:.
?T:try hdrs d_getnetbyname_r_proto
: see if getnetbyname_r exists
set getnetbyname_r d_getnetbyname_r
eval $inlibc
case "$d_getnetbyname_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
 case "$d_getnetbyname_r_proto:$usethreads" in
 ":define") d_getnetbyname_r_proto=define
  set d_getnetbyname_r_proto getnetbyname_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_getnetbyname_r_proto" in
 define)
 case "$getnetbyname_r_proto" in
 "|0) try='int getnetbyname_r(const char*, struct netent*, char*, size_t, struct netent**, int*);'
 ./protochk "$extern_C
 $try" $hdrs && getnetbyname_r_proto=I_CSBWRE ;;
 esac
 case "$getnetbyname_r_proto" in
 "|0) try='int getnetbyname_r(const char*, struct netent*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getnetbyname_r_proto=I_CSBI ;;
 esac
 case "$getnetbyname_r_proto" in
 "|0) try='struct netent* getnetbyname_r(const char*, struct netent*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getnetbyname_r_proto=S_CSBI ;;
 esac
 case "$getnetbyname_r_proto" in
 "|0) try='int getnetbyname_r(const char*, struct netent*, struct netent_data*);'
 ./protochk "$extern_C $try" $hdrs && getnetbyname_r_proto=I_CSD ;;
 esac
 case "$getnetbyname_r_proto" in
 "|0) d_getnetbyname_r=undef
  getnetbyname_r_proto=0
  echo "Disabling getnetbyname_r, cannot determine prototype." >&4 ;;
 * ) case "$getnetbyname_r_proto" in
  REENTRANT_PROTO*) ;;
  *) getnetbyname_r_proto="REENTRANT_PROTO_$getnetbyname_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo
 "getnetbyname_r has no prototype, not using it." >&4 ;;
  esac
```

```
  d_getnetbyname_r=undef
  getnetbyname_r_proto=0
  ;;
 esac
 ;;
*) getnetbyname_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getnetbyname_r.U
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```
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: i_db.U,v $
?RCS: Revision 3.0.1.3  1995/07/25  14:10:22  ram
?RCS: patch56: conditionally use const in test programs (ADO)
?RCS:
?RCS: Revision 3.0.1.2  1995/05/12  12:14:42  ram
?RCS: patch54: extended for more intimate DB probing (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/08/29  16:21:50  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:i_db db_hashtype db_prefixtype: Inhdr +cc +ccflags rm_try contains cat \
  d_const
?MAKE: -pick
 add $@ %<
?S:i_db:
?S: This variable conditionally defines the I_DB symbol, and indicates
?S: whether a C program may include Berkeley's DB include file <db.h>.
?S:.
?S:db_hashtype:
?S: This variable contains the type of the hash structure element
?S: in the <db.h> header file.  In older versions of DB, it was
?S: int, while in newer ones it is u_int32_t.
```

```
?S:.
?S:db_prefixtype:
?S: This variable contains the type of the prefix structure element
?S: in the <db.h> header file.  In older versions of DB, it was
?S: int, while in newer ones it is size_t.
?S:.
?C:I_DB:
?C: This symbol, if defined, indicates to the C program that it should
?C: include Berkeley's DB include file <db.h>.
?C:.
?C:DB_Prefix_t:
?C: This symbol contains the type of the prefix structure element
?C: in the <db.h> header file.  In older versions of DB, it was
?C: int, while in newer ones it is u_int32_t.
?C:.
?C:DB_Hash_t:
?C: This symbol contains the type of the prefix structure element
?C: in the <db.h> header
 file.  In older versions of DB, it was
?C: int, while in newer ones it is size_t.
?C:.
?H:#$i_db I_DB  /**/
?H:#define DB_Hash_t $db_hashtype  /**/
?H:#define DB_Prefix_t $db_prefixtype   /**/
?H:.
?LINT:set i_db
: see if this is a db.h system
set db.h i_db
eval $inhdr

@if DB_Hash_t
case "$i_db" in
define)
 : Check the return type needed for hash
 echo " "
 echo "Checking return type needed for hash for Berkeley DB ..." >&4
 $cat >try.c <<EOCP
#$d_const HASCONST
#ifndef HASCONST
#define const
#endif
#include <sys/types.h>
#include <db.h>
u_int32_t hash_cb (ptr, size)
const void *ptr;
size_t size;
{
}
```

```
HASHINFO info;
int main()
{
 info.hash = hash_cb;
}
EOCP
 if $cc $ccflags -c try.c >try.out 2>&1 ; then
  if $contains warning try.out >>/dev/null 2>&1 ; then
   db_hashtype='int'
  else
   db_hashtype='u_int32_t'
  fi
 else
  echo "I can't seem to compile the test program." >&4
  db_hashtype=int
 fi
 $rm_try
 echo "Your version of Berkeley DB uses $db_hashtype for hash."
 ;;
*) db_hashtype=int
 ;;
esac

@end
@if
 DB_Prefix_t
case "$i_db" in
define)
 : Check the return type needed for prefix
 echo " "
 echo "Checking return type needed for prefix for Berkeley DB ..." >&4
 cat >try.c <<EOCP
#$d_const HASCONST
#ifndef HASCONST
#define const
#endif
#include <sys/types.h>
#include <db.h>
size_t prefix_cb (key1, key2)
const DBT *key1;
const DBT *key2;
{
}
BTREEINFO info;
int main()
{
 info.prefix = prefix_cb;
}
```

```
EOCP
 if $cc $ccflags -c try.c  >try.out 2>&1 ; then
  if $contains warning try.out >>/dev/null 2>&1 ; then
   db_prefixtype='int'
  else
   db_prefixtype='size_t'
  fi
 else
  echo "I can't seem to compile the test program." >&4
  db_prefixtype='int'
 fi
 $rm_try
 echo "Your version of Berkeley DB uses $db_prefixtype for prefix."
 ;;
*) db_prefixtype='int'
 ;;
esac

@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_db.U
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```
?RCS: You may distribute under the terms of either the GNU General Public
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?RCS:
?MAKE:d_fpgetround: Inlibc
?MAKE: -pick add $@ %<
?S:d_fpgetround:
?S: This variable conditionally defines HAS_FPGETROUND if fpgetround()
?S: is available to get the floating point rounding mode.
?S:.
?C:HAS_FPGETROUND:
?C: This symbol, if defined, indicates that the fpgetround routine is
?C: available to get the floating point rounding mode.
?C:.
?H:#$d_fpgetround HAS_FPGETROUND  /**/
?H:.
?LINT:set d_fpgetround
: see if fpgetround exists
set fpgetround d_fpgetround
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fpgetround.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: vendorhtml3dir.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera $
?RCS:
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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: vendorhtml3dir.U,v $
?RCS: Revision 1.1  1999/07/08 18:32:57  doughera
?RCS: Initial revision
?RCS:
?MAKE:vendorhtml3dir vendorhtml3direxp installvendorhtml3dir: html3dir Getfile \
 Oldconfig Setprefixvar Prefixit test vendorprefix prefix sed
?MAKE: -pick add $@ %<
?Y:TOP
?S:vendorhtml3dir:
?S: This variable contains the name of the directory for html
?S: library pages.  It may have a ~ on the front.
?S: The standard distribution will put nothing
 in this directory.
?S: Vendors who distribute perl may wish to place their own
?S: html pages for modules and extensions in this directory with
?S:  MakeMaker Makefile.PL INSTALLDIRS=vendor
?S: or equivalent.  See INSTALL for details.
?S:.
?S:vendorhtml3direxp:
?S: This variable is the ~name expanded version of vendorhtml3dir, so that you
?S: may use it directly in Makefiles or shell scripts.
?S:.
?D:installvendorhtml3dir="
?S:installvendorhtml3dir:
?S: This variable is really the same as vendorhtml3direxp but may differ on
?S: those systems using AFS. For extra portability, only this variable
?S: should be used in makefiles.
?S:.
?LINT:change prefixvar
?LINT:set installvendorhtml3dir
: Set the vendorhtml3dir variables
case "$vendorprefix" in
") vendorhtml3dir="
 vendorhtml3direxp="
 ;;
*) : determine where vendor-supplied module html pages go.
```

```
 : There is no standard location, so try to copy the previously-selected
 : directory structure for the core html pages.
 : XXX Better default
 suggestions would be welcome.
 case "$vendorhtml3dir" in
 ") dflt=`echo "$html3dir" | $sed "s#^$prefix#$vendorprefix#"` ;;
 *) dflt=$vendorhtml3dir ;;
 esac
 case "$dflt" in
 "|' ') dflt=none ;;
 esac
 fn=dn+~
 rp='Pathname for the vendor-supplied html pages?'
 . ./getfile
 vendorhtml3dir="$ans"
 vendorhtml3direxp="$ansexp"
 ;;
esac
: Use ' ' for none so value is preserved next time through Configure
$test X"$vendorhtml3dir" = "X" && vendorhtml3dir=' '
prefixvar=vendorhtml3dir
. ./installprefix
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/vendorhtml3dir.U
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```
?RCS: $Id: MailList.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Graham Stoney <greyham@research.canon.oz.au>
?RCS:
?RCS: $Log: MailList.U,v $
?RCS: Revision 3.0.1.1  1994/01/24  14:01:49  ram
?RCS: patch16: created
?RCS:
?RCS:
?X:
?X: This unit offers the user the option of subscribing to the mailing
?X: list. To force inclusion of this unit, you must add it's name to the
```

```
?X: dependancies on the MAKE line in your private copy of End.U.
?X: The address of the mailing list server must be set via a "list_request=..."
?X:
 entry in the .package file. This is usually done by running packinit and
?X: answering the proper questions.
?X:
?MAKE:MailList: cat mailer package Myread cf_name cf_email
?MAKE: -pick wipe $@ %<
?T:list_request list_sub list_unsub list_name
?X:
?X: The cf_name dependency is used through list_sub when the mailing list
?X: manager happens to be listserv, whereas cf_email is used whith majordomo
?X: or when the mailing list request address is scanned by a human. Since
?X: they do not appear within the unit itself, we need a lint hint.
?X:
?LINT:use cf_name cf_email
: offer to join the mailing list
list_request='<$list_request>'
list_sub="<$list_sub>"
list_unsub="<$list_unsub>"
list_name="<$list_name>"
$cat <<EOM

There is a mailing list for discussion about $package and related issues.
This is the preferred place to ask questions about the program and discuss
modifications and additions with the author and other users.  If you are able
to send mail to the Internet, you
 are encouraged to subscribe.  You need only
ever subscribe once, and you can unsubscribe automatically at any time in the
future.  If you have already subscribed and you wish to unsubscribe now, you
may do so by answering "unsubscribe".  Answer "subscribe" to subscribe to the
list.

EOM
rp="Subscribe to or unsubscribe from the $list_name mailing list?"
dflt=neither
. ./myread
case "$ans" in
[sS]*) $cat <<EOM

You will be sent a message from the list server to let you know when your
subscription has been successful and telling you how to submit articles and
how to unsubscribe again when necessary. You may also unsubscribe by running
this script again and asking it to do so for you.

EOM
 echo "Sending mail to subscribe you to the $list_name list..." >&4
 $mailer $list_request <<EOM >/dev/null 2>&1
```

```
Precedence: junk
To: $list_request

$list_sub
EOM
 ;;
[uU]*) echo "Sending mail to unsubscribe you from the $list_name list..." >&4
 $mailer $list_request <<EOM >/dev/null 2>&1
Precedence: junk
To:
 $list_request

$list_unsub
EOM
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/MailList.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: siteprefix.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera $
?RCS:
?RCS: Copyright (c) 1999 Andy Dougherty
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: siteprefix.U,v $
?RCS: Revision 1.1  1999/07/08 18:32:57  doughera
?RCS: Initial revision
?RCS:
?MAKE:siteprefix siteprefixexp +oldsiteprefix: Getfile Loc Oldconfig cat package prefix
?MAKE: -pick add $@ %<
?S:siteprefix:
?S: This variable holds the full absolute path of the directory below
?S: which the user will install add-on packages.
?S: See INSTALL for usage and examples.
?S:.
?S:siteprefixexp:
?S: This variable holds the full absolute path of the
 directory below
?S: which the user will install add-on packages.  Derived from siteprefix.
?S:.
```

```
?S:oldsiteprefix:
?S: This variable is set non-null if the siteprefix was previously defined
?S: and gets set to a new value. Used internally by Configure only.
?S:.
: Set the siteprefix variables
$cat <<EOM

After $package is installed, you may wish to install various
add-on modules and utilities.  Typically, these add-ons will
be installed under $prefix with the rest
of this package.  However, you may wish to install such add-ons
elsewhere under a different prefix.

If you do not wish to put everything under a single prefix, that's
ok.  You will be prompted for the individual locations; this siteprefix
is only used to suggest the defaults.

The default should be fine for most people.

EOM
fn=d~+
rp='Installation prefix to use for add-on modules and utilities?'
: XXX Here might be another good place for an installstyle setting.
case "$siteprefix" in
") dflt=$prefix ;;
*)  dflt=$siteprefix
 ;;
esac
. ./getfile
: XXX Prefixit unit does not yet support siteprefix and vendorprefix
oldsiteprefix="
case "$siteprefix" in
") ;;
*) case "$ans" in
 "$prefix") ;;
 *) oldsiteprefix="$prefix";;
 esac
 ;;
esac
siteprefix="$ans"
siteprefixexp="$ansexp"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/siteprefix.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: vendorprefix.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera $

```
?RCS:
?RCS: Copyright (c) 1999 Andy Dougherty
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: vendorprefix.U,v $
?RCS: Revision 1.1  1999/07/08 18:32:57  doughera
?RCS: Initial revision
?RCS:
?MAKE:usevendorprefix vendorprefix vendorprefixexp +oldvendorprefix: \
 Getfile Loc Oldconfig cat prefix Myread
?MAKE: -pick add $@ %<
?S:usevendorprefix:
?S: This variable tells whether the vendorprefix
?S: and consequently other vendor* paths are in use.
?S:.
?S:vendorprefix:
?S: This variable holds the full absolute path of the directory below
?S: which
 the vendor will install add-on packages.
?S: See INSTALL for usage and examples.
?S:.
?S:vendorprefixexp:
?S: This variable holds the full absolute path of the directory below
?S: which the vendor will install add-on packages.  Derived from vendorprefix.
?S:.
?S:oldvendorprefix:
?S: This variable is set non-null if the vendorprefix was previously defined
?S: and gets set to a new value. Used internally by Configure only.
?S:.
: Set the vendorprefix variables
$cat <<EOM

The installation process will also create a directory for
vendor-supplied add-ons.  Vendors who supply perl with their system
may find it convenient to place all vendor-supplied files in this
directory rather than in the main distribution directory.  This will
ease upgrades between binary-compatible maintenance versions of perl.

Of course you may also use these directories in whatever way you see
fit.  For example, you might use them to access modules shared over a
company-wide network.

The default answer should be
```

```
 fine for most people.
This causes further questions about vendor add-ons to be skipped
and no vendor-specific directories will be configured for perl.

EOM
rp='Do you want to configure vendor-specific add-on directories?'
case "$usevendorprefix" in
define|true|[yY]*) dflt=y ;;
*) : User may have set vendorprefix directly on Configure command line.
 case "$vendorprefix" in
 "|' ') dflt=n ;;
 *) dflt=y ;;
 esac
 ;;
esac
. ./myread
case "$ans" in
[yY]*) fn=d~+
 rp='Installation prefix to use for vendor-supplied add-ons?'
 case "$vendorprefix" in
 ") dflt="$prefix" ;;
 *)  dflt=$vendorprefix ;;
 esac
 . ./getfile
 : XXX Prefixit unit does not yet support siteprefix and vendorprefix
 oldvendorprefix="
 case "$vendorprefix" in
 ") ;;
 *) case "$ans" in
  "$prefix") ;;
  *) oldvendorprefix="$prefix";;
  esac
  ;;
 esac
 usevendorprefix="$define"
 vendorprefix="$ans"
 vendorprefixexp="$ansexp"
 ;;
*) usevendorprefix="$undef"
 vendorprefix="
 vendorprefixexp="
 ;;
esac
```

Found in path(s):
*
/opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/vendorprefix.U

No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_expm1: Inlibc
?MAKE: -pick add $@ %<
?S:d_expm1:
?S: This variable conditionally defines the HAS_EXPM1 symbol, which
?S: indicates to the C program that the expm1() routine is available.
?S:.
?C:HAS_EXPM1:
?C: This symbol, if defined, indicates that the expm1 routine is
?C: available to do the exp(x) - 1 when x is near 1 function.
?C:.
?H:#$d_expm1 HAS_EXPM1  /**/
?H:.
?LINT:set d_expm1
: see if expm1 exists
set expm1 d_expm1
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_expm1.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2008 H.Merijn Brand
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_ctime64 d_localtime64 d_gmtime64 d_mktime64 d_difftime64 d_asctime64: Inlibc
?MAKE: -pick add $@ %<
?S:d_ctime64:
?S: This variable conditionally defines the HAS_CTIME64 symbol, which
?S: indicates to the C program that the ctime64 () routine is available.
?S:.
?S:d_localtime64:
?S: This variable conditionally defines the HAS_LOCALTIME64 symbol, which
?S: indicates to the C program that the localtime64 () routine is available.
?S:.
?S:d_gmtime64:
?S: This variable conditionally defines the HAS_GMTIME64 symbol, which
?S: indicates to the C program that the gmtime64 () routine is available.
?S:.
```

```
?S:d_mktime64:
?S: This variable conditionally defines the HAS_MKTIME64 symbol, which
?S: indicates to the
 C program that the mktime64 () routine is available.
?S:.
?S:d_difftime64:
?S: This variable conditionally defines the HAS_DIFFTIME64 symbol, which
?S: indicates to the C program that the difftime64 () routine is available.
?S:.
?S:d_asctime64:
?S: This variable conditionally defines the HAS_ASCTIME64 symbol, which
?S: indicates to the C program that the asctime64 () routine is available.
?S:.
?C:HAS_CTIME64:
?C: This symbol, if defined, indicates that the ctime64 () routine is
?C: available to do the 64bit variant of ctime ()
?C:.
?C:HAS_LOCALTIME64:
?C: This symbol, if defined, indicates that the localtime64 () routine is
?C: available to do the 64bit variant of localtime ()
?C:.
?C:HAS_GMTIME64:
?C: This symbol, if defined, indicates that the gmtime64 () routine is
?C: available to do the 64bit variant of gmtime ()
?C:.
?C:HAS_MKTIME64:
?C: This symbol, if defined, indicates that the mktime64 () routine is
?C: available to do the 64bit variant of mktime ()
?C:.
?C:HAS_DIFFTIME64:
?C: This
 symbol, if defined, indicates that the difftime64 () routine is
?C: available to do the 64bit variant of difftime ()
?C:.
?C:HAS_ASCTIME64:
?C: This symbol, if defined, indicates that the asctime64 () routine is
?C: available to do the 64bit variant of asctime ()
?C:.
?H:#$d_ctime64 HAS_CTIME64  /**/
?H:#$d_localtime64 HAS_LOCALTIME64  /**/
?H:#$d_gmtime64 HAS_GMTIME64  /**/
?H:#$d_mktime64 HAS_MKTIME64  /**/
?H:#$d_difftime64 HAS_DIFFTIME64  /**/
?H:#$d_asctime64 HAS_ASCTIME64  /**/
?H:.
?LINT:set d_ctime64 d_localtime64 d_gmtime64 d_mktime64 d_difftime64 d_asctime64
: see if 64bit time functions exists
```

```
set ctime64 d_ctime64
eval $inlibc

set localtime64 d_localtime64
eval $inlibc

set gmtime64 d_gmtime64
eval $inlibc

set mktime64 d_mktime64
eval $inlibc

set difftime64 d_difftime64
eval $inlibc

set asctime64 d_asctime64
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_timefuncs64.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysparam.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_sysparam.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:22:43  ram
?RCS: patch32: created
?RCS:
?MAKE:i_sysparam: Inhdr
?MAKE: -pick add $@ %<
?S:i_sysparam:
?S: This variable conditionally defines the I_SYS_PARAM symbol, and indicates
?S: whether a C program should include <sys/param.h>.
?S:.
?C:I_SYS_PARAM:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/param.h>.
?C:.
?H:#$i_sysparam I_SYS_PARAM  /**/
```

```
?H:.
?LINT:set
 i_sysparam
: see if this is a sys/param system
set sys/param.h i_sysparam
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_sysparam.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_scalbnl: Inlibc
?MAKE: -pick add $@ %<
?S:d_scalbnl:
?S: This variable conditionally defines the HAS_SCALBNL symbol, which
?S: indicates to the C program that the scalbnl() routine is available.
?S: If ilogbl is also present we can emulate frexpl.
?S:.
?C:HAS_SCALBNL:
?C: This symbol, if defined, indicates that the scalbnl routine is
?C: available.  If ilogbl is also present we can emulate frexpl.
?C:.
?H:#$d_scalbnl HAS_SCALBNL  /**/
?H:.
?LINT:set d_scalbnl
: see if scalbnl exists
set scalbnl d_scalbnl
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_scalbnl.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysndir.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_sysndir.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:33  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_sysndir: Inhdr
?MAKE: -pick add $@ %<
?S:i_sysndir:
?S: This variable conditionally defines the I_SYS_NDIR symbol, and indicates
?S: whether a C program should include <sys/ndir.h>.
?S:.
?C:I_SYS_NDIR (I_SYSNDIR):
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/ndir.h>.
?C:.
?H:#$i_sysndir
 I_SYS_NDIR /**/
?H:.
?LINT:set i_sysndir
: see if this is an sysndir system
set sys/ndir.h i_sysndir
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_sysndir.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: inc_version_list.U,v $
?RCS:
?RCS: Copyright (c) 2000 Andy Dougherty
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: inc_version_list.U,v $
?RCS:
?MAKE:inc_version_list inc_version_list_init d_inc_version_list: cat sed \
 Getfile perl5 version api_versionstring rm Myread archname \
 prefix sitelib_stem exe_ext
?MAKE: -pick add $@ %<
?Y:TOP
```

```
?S:inc_version_list:
?S: This variable specifies the list of subdirectories in over
?S: which perl.c:incpush() and lib/lib.pm will automatically
?S: search when adding directories to @INC.  The elements in
?S: the list are separated by spaces.  This is only useful
?S: if
 you have a perl library directory tree structured like the
?S: default one.  See INSTALL for how this works.  The versioned
?S: site_perl directory was introduced in 5.005, so that is the
?S: lowest possible value.
?S:
?S: This list includes architecture-dependent directories back to
?S: version $api_versionstring (e.g. 5.5.640) and
?S: architecture-independent directories all the way back to
?S: 5.005.
?S:.
?S:inc_version_list_init:
?S: This variable holds the same list as inc_version_list, but
?S: each item is enclosed in double quotes and separated by commas,
?S: suitable for use in the PERL_INC_VERSION_LIST initialization.
?S:.
?S:d_inc_version_list:
?S: This variable conditionally defines PERL_INC_VERSION_LIST.
?S: It is set to undef when PERL_INC_VERSION_LIST is empty.
?S:.
?C:PERL_INC_VERSION_LIST:
?C: This variable specifies the list of subdirectories in over
?C: which perl.c:incpush() and lib/lib.pm will automatically
?C: search when adding directories to @INC, in a format suitable
?C: for
 a C initialization string.  See the inc_version_list entry
?C: in Porting/Glossary for more details.
?C:.
?H:#$d_inc_version_list PERL_INC_VERSION_LIST $inc_version_list_init  /**/
?H:.
?T:stem
: Determine list of previous versions to include in @INC
$cat > getverlist <<EOPL
#!$perl5 -w
use File::Basename;
\$api_versionstring = "$api_versionstring";
\$version = "$version";
\$stem = "$sitelib_stem";
\$archname = "$archname";
EOPL
 $cat >> getverlist <<'EOPL'
# The list found is store twice for each entry: the original name, and
# the binary broken down version as pack "sss", so sorting is easy and
```

```
# unambiguous. This will work for all versions that have a maximum of
# three digit groups, separate by '.'s or '_'s. Names are extended with
# ".0.0" to ensure at least three elements for the pack.
#     -- H.Merijn Brand (m)'06 23-10-2006

# Can't have leading @ because metaconfig interprets it as a command!
;@inc_version_list=();
# XXX Redo to do opendir/readdir?
if (-d $stem)
 {
   chdir($stem);
   ;@candidates = map {
 [ $_, pack "sss", split m/[._]/, "$_.0.0" ] } glob("5.*");
   ;@candidates = sort { $a->[1] cmp $b->[1]} @candidates;
}
else {
   ;@candidates = ();
}

($pversion, $aversion, $vsn5005) = map {
   pack "sss", split m/[._]/, "$_.0.0" } $version, $api_versionstring, "5.005";
foreach $d (@candidates) {
   if ($d->[1] lt $pversion) {
 if ($d->[1] ge $aversion) {
     unshift(@inc_version_list, grep { -d } $d->[0]."/$archname", $d->[0]);
 }
 elsif ($d->[1] ge $vsn5005) {
     unshift(@inc_version_list, grep { -d } $d->[0]);
 }
   }
   else {
 # Skip newer version.  I.e. don't look in
 # 5.7.0 if we're installing 5.6.1.
   }
}

if (@inc_version_list) {
   print join(' ', @inc_version_list);
}
else {
   # Blank space to preserve value for next Configure run.
   print " ";
}
EOPL
chmod +x getverlist
case "$inc_version_list" in
") if test -x "$perl5$exe_ext"; then
  dflt=`$perl5 getverlist`
```

```
 else
  dflt='none'
 fi
 ;;
$undef) dflt='none'
 ;;
?X:     Configure -Dinc_version_list='5.6.0/$archname 5.6.0' ...
*)  eval dflt=\"$inc_version_list\" ;;
esac
case "$dflt" in
"|' ') dflt=none ;;
esac
case "$dflt" in
5.005) dflt=none ;;
esac
$cat <<EOM

In order to ease the process of upgrading, this version of perl
can be configured to use modules built and installed with earlier
versions of perl that were installed under $prefix.  Specify here
the list of earlier versions that this version of perl should check.
If Configure detected no earlier versions of perl installed under
$prefix, then the list will be empty.  Answer 'none' to tell perl
to not search earlier versions.

The default should almost always be sensible, so if you're not sure,
just accept the default.
EOM

rp='List of earlier versions to include in @INC?'
. ./myread
case "$ans" in
[Nn]one|"|' '|$undef) inc_version_list=' ' ;;
*) inc_version_list="$ans" ;;
esac
case "$inc_version_list" in
"|' ')
 inc_version_list_init='0'
 d_inc_version_list="$undef"
 ;;
*) inc_version_list_init=`echo
 $inc_version_list |
  $sed -e 's/^/"/' -e 's/ /","/g' -e 's/$/",0/'`
 d_inc_version_list="$define"
 ;;
esac
$rm -f getverlist
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/inc_version_list.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: prototype.U,v $
?RCS: Revision 3.0.1.3  1994/05/06  15:11:49  ram
?RCS: patch23: ensure cc flags used when looking for prototype support
?RCS:
?RCS: Revision 3.0.1.2  1994/01/24  14:15:36  ram
?RCS: patch16: prototype handling macros now appear only when needed
?RCS:
?RCS: Revision 3.0.1.1  1993/08/25  14:03:12  ram
?RCS: patch6: defines were referring to non-existent VOID symbol
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:36  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:prototype:
 Myread Oldconfig cat +cc +ccflags rm Setvar
?MAKE: -pick add $@ %<
?S:prototype:
?S: This variable holds the eventual value of CAN_PROTOTYPE, which
?S: indicates the C compiler can handle funciton prototypes.
?S:.
?C:CAN_PROTOTYPE ~ %<:
?C: If defined, this macro indicates that the C compiler can handle
?C: function prototypes.
?C:.
?C:DOTS:
?C: This macro is used to specify the ... in function prototypes which
?C: have arbitrary additional arguments.
?C:.
?C:NXT_ARG:
?C: This macro is used to separate arguments in the declared argument list.
?C:.
?C:P_FUNC:
?C: This macro is used to declare "private" (static) functions.
```

```
?C: It takes three arguments: the function type and name, a parenthesized
?C: traditional (comma separated) argument list, and the declared argument
?C: list (in which arguments are separated with NXT_ARG, and additional
?C: arbitrary arguments are specified with DOTS).  For example:
?C:
?C:  P_FUNC(int foo, (bar, baz), int bar NXT_ARG char *baz[])
?C:.
?C:P_FUNC_VOID:
?C: This
 macro is used to declare "private" (static) functions that have
?C: no arguments.  The macro takes one argument: the function type and name.
?C: For example:
?C:
?C:  P_FUNC_VOID(int subr)
?C:.
?C:V_FUNC:
?C: This macro is used to declare "public" (non-static) functions.
?C: It takes three arguments: the function type and name, a parenthesized
?C: traditional (comma separated) argument list, and the declared argument
?C: list (in which arguments are separated with NXT_ARG, and additional
?C: arbitrary arguments are specified with DOTS).  For example:
?C:
?C:  V_FUNC(int main, (argc, argv), int argc NXT_ARG char *argv[])
?C:.
?C:V_FUNC_VOID:
?C: This macro is used to declare "public" (non-static) functions that have
?C: no arguments.  The macro takes one argument: the function type and name.
?C: For example:
?C:
?C:  V_FUNC_VOID(int fork)
?C:.
?C:_ (P):
?C: This macro is used to declare function parameters for folks who want
?C: to make declarations with prototypes using a
 different style than
?C: the above macros.  Use double parentheses.  For example:
?C:
?C:  int main _((int argc, char *argv[]));
?C:.
?H:?%<:#$prototype CAN_PROTOTYPE /**/
?H:?%<:#ifdef CAN_PROTOTYPE
?H:?NXT_ARG:#define NXT_ARG ,
?H:?DOTS:#define DOTS , ...
?H:?V_FUNC:#define V_FUNC(name, arglist, args)name(args)
?H:?P_FUNC:#define P_FUNC(name, arglist, args)static name(args)
?H:?V_FUNC_VOID:#define V_FUNC_VOID(name)name(void)
?H:?P_FUNC_VOID:#define P_FUNC_VOID(name)static name(void)
?H:?_:#define _(args) args
```

```
?H:?%<:#else
?H:?NXT_ARG:#define NXT_ARG ;
?H:?DOTS:#define DOTS
?H:?V_FUNC:#define V_FUNC(name, arglist, args)name arglist args;
?H:?P_FUNC:#define P_FUNC(name, arglist, args)static name arglist args;
?H:?V_FUNC_VOID:#define V_FUNC_VOID(name)name()
?H:?P_FUNC_VOID:#define P_FUNC_VOID(name)static name()
?H:?_:#define _(args) ()
?H:?%<:#endif
?H:.
?W:%<:NXT_ARG DOTS V_FUNC P_FUNC V_FUNC_VOID P_FUNC_VOID _
?LINT:set prototype
: Cruising for prototypes
echo " "
echo "Checking out
 function prototypes..." >&4
$cat >prototype.c <<'EOCP'
int main(int argc, char *argv[]) {
 exit(0);}
EOCP
if $cc $ccflags -c prototype.c >prototype.out 2>&1 ; then
 echo "Your C compiler appears to support function prototypes."
 val="$define"
else
 echo "Your C compiler doesn't seem to understand function prototypes."
 val="$undef"
fi
set prototype
eval $setvar
$rm -f prototype*
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/prototype.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getspnam_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_getspnam_r getspnam_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_shadow extern_C
?MAKE: -pick add $@ %<
?S:d_getspnam_r:
```

```
?S: This variable conditionally defines the HAS_GETSPNAM_R symbol,
?S: which indicates to the C program that the getspnam_r()
?S: routine is available.
?S:.
?S:getspnam_r_proto:
?S: This variable encodes the prototype of getspnam_r.
?S: It is zero if d_getspnam_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getspnam_r
?S: is defined.
?S:.
?C:HAS_GETSPNAM_R:
?C: This symbol, if defined, indicates that the getspnam_r routine
?C: is available
 to getspnam re-entrantly.
?C:.
?C:GETSPNAM_R_PROTO:
?C: This symbol encodes the prototype of getspnam_r.
?C: It is zero if d_getspnam_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getspnam_r
?C: is defined.
?C:.
?H:#$d_getspnam_r HAS_GETSPNAM_R /**/
?H:#define GETSPNAM_R_PROTO $getspnam_r_proto /**/
?H:.
?T:try hdrs d_getspnam_r_proto
: see if getspnam_r exists
set getspnam_r d_getspnam_r
eval $inlibc
case "$d_getspnam_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_shadow shadow.h"
 case "$d_getspnam_r_proto:$usethreads" in
 ":define") d_getspnam_r_proto=define
  set d_getspnam_r_proto getspnam_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_getspnam_r_proto" in
 define)
 case "$getspnam_r_proto" in
 "|0) try='int getspnam_r(const char*, struct spwd*, char*, size_t, struct spwd**);'
 ./protochk "$extern_C $try" $hdrs && getspnam_r_proto=I_CSBWR ;;
 esac
 case "$getspnam_r_proto" in
 "|0) try='struct spwd* getspnam_r(const char*, struct
 spwd*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getspnam_r_proto=S_CSBI ;;
 esac
```

```
 case "$getspnam_r_proto" in
 "|0) d_getspnam_r=undef
  getspnam_r_proto=0
  echo "Disabling getspnam_r, cannot determine prototype." >&4 ;;
 * ) case "$getspnam_r_proto" in
  REENTRANT_PROTO*) ;;
  *) getspnam_r_proto="REENTRANT_PROTO_$getspnam_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "getspnam_r has no prototype, not using it." >&4 ;;
  esac
  d_getspnam_r=undef
  getspnam_r_proto=0
  ;;
 esac
 ;;
*) getspnam_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getspnam_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_gethbyad.U,v $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_gethbyaddr: Inlibc
?MAKE: -pick add $@ %<
?S:d_gethbyaddr:
?S: This variable conditionally defines the HAS_GETHOSTBYADDR symbol, which
?S: indicates to the C program that the gethostbyaddr() routine is available
?S: to look up hosts by their IP addresses.
?S:.
?C:HAS_GETHOSTBYADDR:
?C: This symbol, if defined, indicates that the gethostbyaddr() routine is
?C: available to look up hosts by their IP addresses.
?C:.
?H:#$d_gethbyaddr HAS_GETHOSTBYADDR  /**/
?H:.
```

```
?LINT:set d_gethbyaddr
: see if gethostbyaddr exists
set gethostbyaddr d_gethbyaddr
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_gethbyad.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_dlerror.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_dlerror.U,v $
?RCS: Revision 3.0.1.2  1995/07/25  13:52:49  ram
?RCS: patch56: force compile-link test since symbol might lie in crt0.o (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  16:11:23  ram
?RCS: patch36: created by ADO
?RCS:
?MAKE:d_dlerror: Inlibc runnm
?MAKE: -pick add $@ %<
?S:d_dlerror:
?S: This variable conditionally defines the HAS_DLERROR symbol, which
?S: indicates
 to the C program that the dlerror() routine is available.
?S:.
?C:HAS_DLERROR :
?C: This symbol, if defined, indicates that the dlerror routine is
?C: available to return a string describing the last error that
?C: occurred from a call to dlopen(), dlclose() or dlsym().
?C:.
?H:#$d_dlerror HAS_DLERROR /**/
?H:.
?T: xxx_runnm
?LINT:set d_dlerror
?X: We don't permanently change runnm, but we do temporarily.
?LINT: change runnm
: see if dlerror exists
```

```
?X: On NetBSD and FreeBSD, dlerror might be available, but it is in
?X: /usr/lib/crt0.o, not in any of the libraries.  Therefore, do not
?X: use the nm extraction, but use a real compile and link test instead.
xxx_runnm="$runnm"
runnm=false
set dlerror d_dlerror
eval $inlibc
runnm="$xxx_runnm"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_dlerror.U
No license file was found, but licenses were detected in source scan.

```
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: voidflags.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  16:27:58  ram
?RCS: patch61: don't prompt them if the void support is high enough for us
?RCS:
?RCS: Revision 3.0.1.1  1995/01/11  15:37:44  ram
?RCS: patch45: cosmetic change to avoid spurious blank lines when using -s
?RCS:
?RCS: Revision 3.0  1993/08/18  12:10:01  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:voidflags defvoidused: cat sed rm rm_try contains +cc +ccflags package \
 Oldconfig Myread
?MAKE: -pick add $@ %<
?S:voidflags:
?S: This
 variable contains the eventual value of the VOIDFLAGS symbol,
?S: which indicates how much support of the void type is given by this
?S: compiler.  See VOIDFLAGS for more info.
?S:.
?S:defvoidused:
?S: This variable contains the default value of the VOIDUSED symbol (15).
?S:.
?X: Exceptionally, we have to explicitly alias the symbol name for
?X: config_h.SH, otherwise the comment would not appear.
```

```
?C:VOIDFLAGS ~ %<:
?C: This symbol indicates how much support of the void type is given by this
?C: compiler.  What various bits mean:
?C:
?C:     1 = supports declaration of void
?C:     2 = supports arrays of pointers to functions returning void
?C:     4 = supports comparisons between pointers to void functions and
?C:      addresses of void functions
?C:     8 = suports declaration of generic void pointers
?C:
?C: The package designer should define VOIDUSED to indicate the requirements
?C: of the package.  This can be done either by #defining VOIDUSED before
?C: including
 config.h, or by defining defvoidused in Myinit.U.  If the
?C: latter approach is taken, only those flags will be tested.  If the
?C: level of void support necessary is not present, defines void to int.
?C:.
?H:?%<:#ifndef VOIDUSED
?H:?%<:#define VOIDUSED $defvoidused
?H:?%<:#endif
?H:?%<:#define VOIDFLAGS $voidflags
?H:?%<:#if (VOIDFLAGS & VOIDUSED) != VOIDUSED
?H:?%<:#define void int  /* is void to be avoided? */
?H:?%<:#define M_VOID   /* Xenix strikes again */
?H:?%<:#endif
?H:.
?W:%<:void
?F:!.out !try.c !flags
?LINT:usefile .out flags try.c
?INIT:: full support for void wanted by default
?INIT:defvoidused=15
?INIT:
?LINT:known void M_VOID VOIDUSED
: check for void type
echo " "
echo "Checking to see how well your C compiler groks the void type..." >&4
$cat >flags <<EOM

 Support flag bits are:
   1: basic void declarations.
   2: arrays of pointers to functions returning void.
   4: operations between pointers to and addresses of void functions.
   8: generic void pointers.

EOM
case
 "$voidflags" in
")
```

```
 $cat >try.c <<'EOCP'
#if TRY & 1
void sub() {
#else
sub() {
#endif
 extern void moo(); /* function returning void */
 void (*goo)();  /* ptr to func returning void */
#if TRY & 8
 void *hue;  /* generic ptr */
#endif
#if TRY & 2
 void (*foo[10])();
#endif

#if TRY & 4
 if(goo == moo) {
  exit(0);
 }
#endif
 exit(0);
}
int main() { sub(); }
EOCP
?X: This unit used to use cc -S in those tests to try to speed up things, but
?X: unfortunately, AIX 3.2 does not support this option.
 if $cc $ccflags -c -DTRY=$defvoidused try.c >.out 2>&1 ; then
  voidflags=$defvoidused
  echo "Good.  It appears to support void to the level $package wants."
  if $contains warning .out >/dev/null 2>&1; then
   echo "However, you might get some warnings that look like this:"
   $sed -e 's/^/ /' .out
  fi
 else
echo "Hmm, your compiler has some difficulty with void. Checking further..." >&4
  $cat >&4 flags
  $rm -f flags
  if $cc $ccflags -c -DTRY=1 try.c >/dev/null 2>&1; then
   echo
 "It supports 1..."
   if $cc $ccflags -c -DTRY=3 try.c >/dev/null 2>&1; then
    echo "It also supports 2..."
    if $cc $ccflags -c -DTRY=7 try.c >/dev/null 2>&1; then
     voidflags=7
     echo "And it supports 4 but not 8 definitely."
    else
     echo "It doesn't support 4..."
     if $cc $ccflags -c -DTRY=11 try.c >/dev/null 2>&1; then
```

```
      voidflags=11
      echo "But it supports 8."
     else
      voidflags=3
      echo "Neither does it support 8."
     fi
    fi
   else
    echo "It does not support 2..."
    if $cc $ccflags -c -DTRY=13 try.c >/dev/null 2>&1; then
     voidflags=13
     echo "But it supports 4 and 8."
    else
     if $cc $ccflags -c -DTRY=5 try.c >/dev/null 2>&1; then
      voidflags=5
      echo "And it supports 4 but has not heard about 8."
     else
      echo "However it supports 8 but not 4."
     fi
    fi
   fi
  else
   echo "There is no support at all for void."
   voidflags=0
  fi
 fi
esac
?X: Only prompt user if support does not match the
 level we want
case "$voidflags" in
"$defvoidused")
 echo "Good.  I already know it supports void to the level $package wants."
 ;;
*)
 dflt="$voidflags";
 test -f flags && $cat flags
 rp="Your void support flags add up to what?"
 . ./myread
 voidflags="$ans"
 ;;
esac
$rm_try flags
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/voidflags.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS:
?X:
?X: This unit is just a quick shorthand for the compile command
?X: to be used in all the other metaconfig units.
?X:
?MAKE:Compile: +cc +optimize +ccflags +ldflags +libs
?MAKE: -pick add $@ %<
?LINT:define compile compile_ok
?V:compile compile_ok mc_file
?S:compile:
?S: This shell variable is used internally
 by Configure to provide
?S: a convenient shorthand for the typical compile command, namely
?S: $cc $optimize $ccflags $ldflags -o $1 $1.c $libs > /dev/null 2>&1
?S: Note that the output filename does _not_ include the _exe
?S: extension.  Instead we assume that the linker will be
?S: "helpful" and automatically appending the correct suffix.
?S: OS/2 users will apparently need to supply the -Zexe flag to
?S: get this behavior.
?S:
?S: To use this variable, say something like:
?S:  echo 'int main() { exit(0); }' > try.c
?S:  set try
?S:  if eval $compile; then
?S:   echo "success"   # and do whatever . . .
?S:  else
?S:   echo "failure"   # and do whatever . . .
?S:  fi
?S: To add extra flags cc flags (e.g. -DWHATEVER) just put them
?S: in $*, e.g.
?S:  set try -DTRY_THIS_FLAG
?S:.
?S:compile_ok:
```

```
?S: This shell variable is used internally by Configure to provide
?S: a convenient shorthand for the typical compile command that you
?S: expect to work ok.  It is the same as $compile,
 except we
?S: deliberately let the user see any error messages.
?S:.
: define a shorthand compile call
compile='
mc_file=$1;
shift;
$cc -o ${mc_file} $optimize $ccflags $ldflags $* ${mc_file}.c $libs > /dev/null 2>&1;'
: define a shorthand compile call for compilations that should be ok.
compile_ok='
mc_file=$1;
shift;
$cc -o ${mc_file} $optimize $ccflags $ldflags $* ${mc_file}.c $libs;'
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Compile.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_math.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: i_math.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:21:59  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:i_math: Inhdr
?MAKE: -pick add $@ %<
?X: Are there really systems that *DON'T* have math.h?
?S:i_math:
?S: This variable conditionally defines the I_MATH symbol, and indicates
?S: whether a C program may include <math.h>.
?S:.
?C:I_MATH:
?C: This symbol, if defined, indicates
```

```
 to the C program that it should
?C: include <math.h>.
?C:.
?H:#$i_math I_MATH  /**/
?H:.
?LINT:set i_math
: see if this is a math.h system
set math.h i_math
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_math.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_readv: Inlibc
?MAKE: -pick add $@ %<
?S:d_readv:
?S: This variable conditionally defines the HAS_READV symbol, which
?S: indicates to the C program that the readv() routine is available.
?S:.
?C:HAS_READV:
?C: This symbol, if defined, indicates that the readv routine is
?C: available to do gather reads.  You will also need <sys/uio.h>
?C: and there I_SYSUIO.
?C:.
?H:#$d_readv HAS_READV  /**/
?H:.
?LINT:set d_readv
: see if readv exists
set readv d_readv
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_readv.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_safebcpy.U,v $
?RCS: Revision 3.0.1.4  1997/02/28  15:40:58  ram
?RCS: patch61: improved overlapping copy check
?RCS: patch61: comfort them if they have memmove
?RCS: patch61: added ?F: metalint hint
?RCS:
?RCS: Revision 3.0.1.3  1995/07/25  13:58:40  ram
?RCS: patch56: re-arranged compile line to include ldflags before objects
?RCS:
?RCS: Revision 3.0.1.2  1995/01/11  15:29:23  ram
?RCS: patch45: added 'ldflags' to the test compile line (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/05/06  14:49:03
  ram
?RCS: patch23: ensure string is not optimized in read-only memory (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:06:58  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_safebcpy: cat d_bcopy +cc +optimize +ccflags +ldflags +libs rm \
 d_memmove i_memory i_stdlib i_string i_unistd Oldconfig Setvar
?MAKE: -pick add $@ %<
?S:d_safebcpy:
?S: This variable conditionally defines the HAS_SAFE_BCOPY symbol if
?S: the bcopy() routine can do overlapping copies.
?S:.
?C:HAS_SAFE_BCOPY (SAFE_BCOPY):
?C: This symbol, if defined, indicates that the bcopy routine is available
?C: to copy potentially overlapping memory blocks. Otherwise you should
?C: probably use memmove() or memcpy(). If neither is defined, roll your
?C: own version.
?C:.
?H:#$d_safebcpy HAS_SAFE_BCOPY /**/
?H:.
?F:!safebcpy
?LINT: set d_safebcpy
: can bcopy handle overlapping blocks?
?X: assume the worst
val="$undef"
case "$d_bcopy" in
"$define")
```

```
 echo " "
 echo "Checking to see if your bcopy() can do overlapping
 copies..." >&4
 $cat >foo.c <<EOCP
#$i_memory I_MEMORY
#$i_stdlib I_STDLIB
#$i_string I_STRING
#$i_unistd I_UNISTD
EOCP
 $cat >>foo.c <<'EOCP'
#include <stdio.h>
#ifdef I_MEMORY
#  include <memory.h>
#endif
#ifdef I_STDLIB
#  include <stdlib.h>
#endif
#ifdef I_STRING
#  include <string.h>
#else
#  include <strings.h>
#endif
#ifdef I_UNISTD
#  include <unistd.h>  /* Needed for NetBSD */
#endif
int main()
{
char buf[128], abc[128];
char *b;
int len;
int off;
int align;

?X: Copy "abcde..." string to char abc[] so that gcc doesn't
?X: try to store the string in read-only memory.
bcopy("abcdefghijklmnopqrstuvwxyz0123456789", abc, 36);

for (align = 7; align >= 0; align--) {
 for (len = 36; len; len--) {
  b = buf+align;
  bcopy(abc, b, len);
  for (off = 1; off <= len; off++) {
   bcopy(b, b+off, len);
   bcopy(b+off, b, len);
   if (bcmp(b, abc, len))
    exit(1);
  }
 }
```

```
}
exit(0);
}
EOCP
 if $cc $optimize $ccflags $ldflags \
      -o safebcpy foo.c $libs >/dev/null 2>&1; then
  if ./safebcpy
 2>/dev/null; then
   echo "Yes, it can."
   val="$define"
  else
   echo "It can't, sorry."
   case "$d_memmove" in
   "$define") echo "But that's Ok since you have memmove()." ;;
   esac
  fi
 else
  echo "(I can't compile the test program, so we'll assume not...)"
  case "$d_memmove" in
  "$define") echo "But that's Ok since you have memmove()." ;;
  esac
 fi
 ;;
esac
$rm -f foo.* safebcpy core
set d_safebcpy
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_safebcpy.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: netdbtype.U,v $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: netdbtype.U,v $
?RCS:
?MAKE:netdb_host_type netdb_hlen_type netdb_name_type netdb_net_type: \
 Protochk Oldconfig Myread cat \
 d_gethbyaddr d_gethbyname d_getnbyaddr \
 i_niin i_netdb i_unistd d_socket sizetype extern_C
```

```
?MAKE: -pick add $@ %<
?S:netdb_host_type:
?S: This variable holds the type used for the 1st argument to
?S: gethostbyaddr().  Usually, this is char * or void *,  possibly
?S: with or without a const prefix.
?S: This is only useful if you have gethostbyaddr(), naturally.
?S:.
?S:netdb_hlen_type:
?S: This variable holds the type used for the 2nd argument to
?S: gethostbyaddr().  Usually,
 this is int or size_t or unsigned.
?S: This is only useful if you have gethostbyaddr(), naturally.
?S:.
?S:netdb_name_type:
?S: This variable holds the type used for the argument to
?S: gethostbyname().  Usually, this is char * or const char *.
?S: This is only useful if you have gethostbyname(), naturally.
?S:.
?S:netdb_net_type:
?S: This variable holds the type used for the 1st argument to
?S: getnetbyaddr().  Usually, this is int or long.
?S: This is only useful if you have getnetbyaddr(), naturally.
?S:.
?C:Netdb_host_t:
?C: This symbol holds the type used for the 1st argument
?C: to gethostbyaddr().
?C:.
?C:Netdb_hlen_t:
?C: This symbol holds the type used for the 2nd argument
?C: to gethostbyaddr().
?C:.
?C:Netdb_name_t:
?C: This symbol holds the type used for the argument to
?C: gethostbyname().
?C:.
?C:Netdb_net_t:
?C: This symbol holds the type used for the 1st argument to
?C: getnetbyaddr().
?C:.
?H:#define Netdb_host_t  $netdb_host_type /**/
?H:#define Netdb_hlen_t  $netdb_hlen_type
 /**/
?H:#define Netdb_name_t  $netdb_name_type /**/
?H:#define Netdb_net_t  $netdb_net_type /**/
?H:.
?T:xxx yyy try hdrs
@if netdb_host_type || Netdb_host_t || netdb_hlen_type || Netdb_hlen_t
: check for type of arguments to gethostbyaddr.
```

```
if test "X$netdb_host_type" = X -o "X$netdb_hlen_type" = X; then
 case "$d_gethbyaddr" in
 $define)
  $cat <<EOM

Checking to see what type of arguments are accepted by gethostbyaddr().
EOM
  hdrs="$define sys/types.h
   $d_socket sys/socket.h
   $i_niin netinet/in.h
   $i_netdb netdb.h
   $i_unistd unistd.h"
  : The first arg can 'char *' or 'void *'
  : The second arg is some of integral type
  for xxx in in_addr_t 'const void *' 'const char *' 'void *' 'char *'; do
   for yyy in size_t long int; do
    case "$netdb_host_type" in
    ") try="$extern_C struct hostent *gethostbyaddr($xxx, $yyy, int);"
     if ./protochk "$try" $hdrs; then
      echo "Your system accepts $xxx for the first arg."
      echo "...and $yyy for the second arg."
      netdb_host_type="$xxx"
      netdb_hlen_type="$yyy"
     fi
     ;;
    esac
   done
  done
  :
 In case none of those worked, prompt the user.
  case "$netdb_host_type" in
  ") rp='What is the type for the 1st argument to gethostbyaddr?'
   dflt='char *'
   . ./myread
   netdb_host_type=$ans
   rp='What is the type for the 2nd argument to gethostbyaddr?'
   dflt="$sizetype"
   . ./myread
   netdb_hlen_type=$ans
   ;;
  esac
  ;;
 *) : no gethostbyaddr, so pick harmless defaults
  netdb_host_type='char *'
  netdb_hlen_type="$sizetype"
  ;;
 esac
 # Remove the "const" if needed. -- but then we'll have a
```

```
 # prototype clash!
 # netdb_host_type=`echo "$netdb_host_type" | sed 's/^const //'`
fi
@end

@if netdb_name_type || Netdb_name_t
: check for type of argument to gethostbyname.
if test "X$netdb_name_type" = X ; then
 case "$d_gethbyname" in
 $define)
  $cat <<EOM

Checking to see what type of argument is accepted by gethostbyname().
EOM
  hdrs="$define sys/types.h
   $d_socket sys/socket.h
   $i_niin
 netinet/in.h
   $i_netdb netdb.h
   $i_unistd unistd.h"
  for xxx in "const char *" "char *"; do
   case "$netdb_name_type" in
   ") try="$extern_C struct hostent *gethostbyname($xxx);"
    if ./protochk "$try" $hdrs; then
     echo "Your system accepts $xxx."
     netdb_name_type="$xxx"
    fi
    ;;
   esac
  done
  : In case none of those worked, prompt the user.
  case "$netdb_name_type" in
  ") rp='What is the type for the 1st argument to gethostbyname?'
   dflt='char *'
   . ./myread
   netdb_name_type=$ans
   ;;
  esac
  ;;
 *) : no gethostbyname, so pick harmless default
  netdb_name_type='char *'
  ;;
 esac
fi
@end

@if netdb_net_type || Netdb_net_t
: check for type of 1st argument to getnetbyaddr.
```

```
if test "X$netdb_net_type" = X ; then
 case "$d_getnbyaddr" in
 $define)
  $cat <<EOM

Checking to see what type of 1st argument is accepted by getnetbyaddr().
EOM
  hdrs="$define sys/types.h
   $d_socket sys/socket.h
   $i_niin netinet/in.h
   $i_netdb netdb.h
   $i_unistd
 unistd.h"
  for xxx in in_addr_t "unsigned long" long "unsigned int" int; do
   case "$netdb_net_type" in
   ") try="$extern_C struct netent *getnetbyaddr($xxx, int);"
    if ./protochk "$try" $hdrs; then
     echo "Your system accepts $xxx."
     netdb_net_type="$xxx"
    fi
    ;;
   esac
  done
  : In case none of those worked, prompt the user.
  case "$netdb_net_type" in
  ") rp='What is the type for the 1st argument to getnetbyaddr?'
   dflt='long'
   . ./myread
   netdb_net_type=$ans
   ;;
  esac
  ;;
 *) : no getnetbyaddr, so pick harmless default
  netdb_net_type='long'
  ;;
 esac
fi
@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/netdbtype.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getservprotos.U,v $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_getservprotos : Hasproto i_netdb
?MAKE: -pick add $@ %<
?S:d_getservprotos:
?S: This variable conditionally defines the HAS_GETSERV_PROTOS symbol,
?S: which indicates to the C program that <netdb.h> supplies
?S: prototypes for the various getserv*() functions.
?S: See also netdbtype.U for probing for various netdb types.
?S:.
?C:HAS_GETSERV_PROTOS:
?C: This symbol, if defined, indicates that <netdb.h> includes
?C: prototypes for getservent(), getservbyname(), and
?C: getservbyaddr().  Otherwise,
 it is up to the program to guess
?C: them.  See netdbtype.U for probing for various Netdb_xxx_t types.
?C:.
?H:#$d_getservprotos HAS_GETSERV_PROTOS /**/
?H:.
?LINT:set d_getservprotos
: see if prototypes for various getservxxx netdb.h functions are available
echo " "
set d_getservprotos getservent $i_netdb netdb.h
eval $hasproto
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/d_getservprotos.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getnetprotos.U,v $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_getnetprotos : Hasproto i_netdb
?MAKE: -pick add $@ %<
?S:d_getnetprotos:
?S: This variable conditionally defines the HAS_GETNET_PROTOS symbol,
```

```
?S: which indicates to the C program that <netdb.h> supplies
?S: prototypes for the various getnet*() functions.
?S: See also netdbtype.U for probing for various netdb types.
?S:.
?C:HAS_GETNET_PROTOS:
?C: This symbol, if defined, indicates that <netdb.h> includes
?C: prototypes for getnetent(), getnetbyname(), and
?C: getnetbyaddr().  Otherwise,
 it is up to the program to guess
?C: them.  See netdbtype.U for probing for various Netdb_xxx_t types.
?C:.
?H:#$d_getnetprotos HAS_GETNET_PROTOS /**/
?H:.
?LINT:set d_getnetprotos
: see if prototypes for various getnetxxx netdb.h functions are available
echo " "
set d_getnetprotos getnetent $i_netdb netdb.h
eval $hasproto
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/d_getnetprotos.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1998, Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:i_syssecrt: Inhdr
?MAKE: -pick add $@ %<
?S:i_syssecrt:
?S: This variable conditionally defines the I_SYS_SECURITY symbol,
?S: and indicates whether a C program should include <sys/security.h>.
?S:.
?C:I_SYS_SECURITY:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/security.h>.
?C:.
?H:#$i_syssecrt   I_SYS_SECURITY /**/
?H:.
?LINT:set i_syssecrt
: see if sys/security.h is available
```

```
set sys/security.h i_syssecrt
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/acl/i_syssecrt.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Warn_v7EXT.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Warn_v7EXT.U,v $
?RCS: Revision 3.0.1.1  1994/10/29  16:01:42  ram
?RCS: patch36: call ./v7 explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:17  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit issues warnings to V7 sites that they are living dangerously.
?X: This unit needs to get mentioned in End.U to get included.
?X:
?MAKE:Warn_v7EXT: package Guess
?MAKE: -pick add $@ %<
: Warnings
if ./v7;
 then
 cat <<EOM

NOTE: the V7 compiler may ignore some #undefs that $package uses.  If so,
you may get messages about redefining EXT.  Some V7 compilers also have
difficulties with #defines near buffer boundaries, so beware.  You may have
to play with the spacing in some .h files, believe it or not.
EOM
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Warn_v7EXT.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_syslog.U,v $
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_syslog: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_syslog:
?S: This variable conditionally defines the I_SYSLOG symbol,
?S: and indicates whether a C program should include <syslog.h>.
?S:.
?C:I_SYSLOG:
?C: This symbol, if defined, indicates that <syslog.h> exists and
?C: should be included.
?C:.
?H:#$i_syslog I_SYSLOG  /**/
?H:.
?LINT:set i_syslog
: see if this is a syslog.h system
set syslog.h i_syslog
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_syslog.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?MAKE:usesocks: Myread Oldconfig Setvar spackage package
?MAKE: -pick add $@ %<
?Y:TOP
?S:usesocks:
?S: This variable conditionally defines the USE_SOCKS symbol,
?S: and indicates that Perl should be built to use SOCKS.
?S:.
```

```
?C:USE_SOCKS:
?C: This symbol, if defined, indicates that Perl should
?C: be built to use socks.
?C:.
?H:?%<:#$usesocks USE_SOCKS  /**/
?H:.
?D:usesocks="
?LINT:set usesocks
: check for requested SOCKS support
case "$usesocks" in
$define|true|[yY]*) dflt='y';;
*)
 dflt='n';;
esac
cat <<EOM

$spackage can be built to use the SOCKS proxy protocol library.
If this doesn't make any sense to you, just accept the default '$dflt'.
EOM
rp="Build $package for SOCKS?"
. ./myread
case "$ans" in
y|Y) val="$define" ;;
*)     val="$undef" ;;
esac
set usesocks
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/usesocks.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_time.U,v 3.0.1.2 1995/07/25 14:07:43 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_time.U,v $
?RCS: Revision 3.0.1.2  1995/07/25  14:07:43  ram
?RCS: patch56: typo fix, sytem -> system
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  16:16:38  ram
```

```
?RCS: patch36: now uses new Typedef unit to compute type information (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:07:45  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X: Maybe <sys/types.h> should be included?
?X:INC: i_systypes
?MAKE:d_time timetype: Csym Setvar Findhdr Myread Typedef
?MAKE: -pick
 add $@ %<
?S:d_time:
?S: This variable conditionally defines the HAS_TIME symbol, which indicates
?S: that the time() routine exists.  The time() routine is normally
?S: provided on UNIX systems.
?S:.
?S:timetype:
?S: This variable holds the type returned by time(). It can be long,
?S: or time_t on BSD sites (in which case <sys/types.h> should be
?S: included). Anyway, the type Time_t should be used.
?S:.
?C:HAS_TIME (TIMER):
?C: This symbol, if defined, indicates that the time() routine exists.
?C:.
?C:Time_t (TIMETYPE):
?C: This symbol holds the type returned by time(). It can be long,
?C: or time_t on BSD sites (in which case <sys/types.h> should be
?C: included).
?C:.
?H:#$d_time HAS_TIME  /**/
?H:#define Time_t $timetype  /* Time type */
?H:.
?LINT:set d_time
: see if time exists
echo " "
?X: MPE/iX needs this protection of hint values.
?X: See d_sterror.U for more explanation.
if test "X$d_time" = X -o X"$timetype" = X; then
   if set time val -f d_time; eval $csym; $val;
 then
  echo 'time() found.' >&4
  val="$define"
  rp="What is the type returned by time() on this system?"
  set time_t timetype long stdio.h sys/types.h
  eval $typedef_ask
   else
  echo 'time() not found, hope that will do.' >&4
  val="$undef"
  timetype='int';
```

```
  fi
  set d_time
  eval $setvar
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/d_time.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_fsetpos.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_fsetpos.U,v $
?RCS: Revision 3.0.1.1  1994/06/20  06:57:38  ram
?RCS: patch30: created
?RCS:
?MAKE:d_fsetpos: Inlibc
?MAKE: -pick add $@ %<
?S:d_fsetpos:
?S: This variable conditionally defines HAS_FSETPOS if fsetpos() is
?S: available to set the file position indicator.
?S:.
?C:HAS_FSETPOS:
?C: This symbol, if defined, indicates that the fsetpos routine is
?C: available to set the file position indicator, similar to fseek().
?C:.
?H:#$d_fsetpos
 HAS_FSETPOS /**/
?H:.
?LINT:set d_fsetpos
: see if fsetpos exists
set fsetpos d_fsetpos
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_fsetpos.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setnetent_r.U,v 0RCS:
```

```
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_setnetent_r setnetent_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_setnetent_r:
?S: This variable conditionally defines the HAS_SETNETENT_R symbol,
?S: which indicates to the C program that the setnetent_r()
?S: routine is available.
?S:.
?S:setnetent_r_proto:
?S: This variable encodes the prototype of setnetent_r.
?S: It is zero if d_setnetent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_setnetent_r
?S: is defined.
?S:.
?C:HAS_SETNETENT_R:
?C: This symbol, if defined, indicates that the setnetent_r routine
?C: is
 available to setnetent re-entrantly.
?C:.
?C:SETNETENT_R_PROTO:
?C: This symbol encodes the prototype of setnetent_r.
?C: It is zero if d_setnetent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_setnetent_r
?C: is defined.
?C:.
?H:#$d_setnetent_r HAS_SETNETENT_R /**/
?H:#define SETNETENT_R_PROTO $setnetent_r_proto /**/
?H:.
?T:try hdrs d_setnetent_r_proto
: see if setnetent_r exists
set setnetent_r d_setnetent_r
eval $inlibc
case "$d_setnetent_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
 case "$d_setnetent_r_proto:$usethreads" in
 ":define") d_setnetent_r_proto=define
  set d_setnetent_r_proto setnetent_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
```

```
 case "$d_setnetent_r_proto" in
 define)
 case "$setnetent_r_proto" in
 "|0) try='int setnetent_r(int, struct netent_data*);'
 ./protochk "$extern_C $try" $hdrs && setnetent_r_proto=I_ID ;;
 esac
 case "$setnetent_r_proto" in
 "|0) try='void setnetent_r(int, struct netent_data*);'
 ./protochk
 "$extern_C $try" $hdrs && setnetent_r_proto=V_ID ;;
 esac
 case "$setnetent_r_proto" in
 "|0) d_setnetent_r=undef
  setnetent_r_proto=0
  echo "Disabling setnetent_r, cannot determine prototype." >&4 ;;
 * ) case "$setnetent_r_proto" in
  REENTRANT_PROTO*) ;;
  *) setnetent_r_proto="REENTRANT_PROTO_$setnetent_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "setnetent_r has no prototype, not using it." >&4 ;;
  esac
  d_setnetent_r=undef
  setnetent_r_proto=0
  ;;
 esac
 ;;
*) setnetent_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_setnetent_r.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: d_sjis2jis.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.

```
?RCS:
?RCS: $Log: d_sjis2jis.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:25  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_sjis2jis: Inlibc
?MAKE: -pick add $@ %<
?S:d_sjis2jis:
?S: This variable conditionally defines the HAS_SJIS2JIS symbol, which
?S: indicates to the C program that the sjis2jis() routine is available
?S: to convert SJIS to JIS.
?S:.
?C:HAS_SJIS2JIS:
?C: This symbol, if defined, indicates that the sjis2jis routine is
?C: available
 to convert SJIS to JIS.
?C:.
?H:#$d_sjis2jis HAS_SJIS2JIS  /**/
?H:.
?LINT:set d_sjis2jis
: see if sjis2jis exists
set sjis2jis d_sjis2jis
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_sjis2jis.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_cuserid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_cuserid.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:07:25  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_cuserid: Inlibc
?MAKE: -pick add $@ %<
?S:d_cuserid:
```

```
?S: This variable conditionally defines the HAS_CUSERID symbol, which
?S: indicates to the C program that the cuserid() routine is available
?S: to get character login names.
?S:.
?C:HAS_CUSERID :
?C: This symbol,
 if defined, indicates that the cuserid routine is
?C: available to get character login names.
?C:.
?H:#$d_cuserid HAS_CUSERID  /**/
?H:.
?LINT:set d_cuserid
: see if cuserid exists
set cuserid d_cuserid
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_cuserid.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_attribut.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_attribut.U,v $
?RCS: Revision 3.0.1.3  1995/01/30  14:33:45  ram
?RCS: patch49: test C program now includes <stdio.h> (WED)
?RCS:
?RCS: Revision 3.0.1.2  1995/01/11  15:25:47  ram
?RCS: patch45: fixed typo in the d_attribut variable (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  16:08:55  ram
?RCS: patch36: created by ADO
?RCS:
?MAKE:d_attribute_deprecated d_attribute_format
 d_attribute_malloc \
 d_attribute_nonnull d_attribute_noreturn d_attribute_pure \
 d_attribute_unused d_attribute_warn_unused_result \
 d_printf_format_null: \
```

```
    Myread Oldconfig cat cc ccflags rm Setvar contains i_stdlib run \
    i_inttypes
?MAKE: -pick add $@ %<
?S:d_attribute_format:
?S: This variable conditionally defines HASATTRIBUTE_FORMAT, which
?S: indicates the C compiler can check for printf-like formats.
?S:.
?S:d_attribute_deprecated:
?S: This variable conditionally defines HASATTRIBUTE_DEPRECATED, which
?S: indicates that GCC can handle the attribute for marking deprecated
?S: APIs
?S:.
?S:d_printf_format_null:
?S: This variable conditionally defines PRINTF_FORMAT_NULL_OK, which
?S: indicates the C compiler allows printf-like formats to be null.
?S:.
?S:d_attribute_malloc:
?S: This variable conditionally defines HASATTRIBUTE_MALLOC, which
?S: indicates the C compiler can understand functions as having
?S: malloc-like semantics.
?S:.
?S:d_attribute_nonnull:
?S: This
 variable conditionally defines HASATTRIBUTE_NONNULL, which
?S: indicates that the C compiler can know that certain arguments
?S: must not be NULL, and will check accordingly at compile time.
?S:.
?S:d_attribute_noreturn:
?S: This variable conditionally defines HASATTRIBUTE_NORETURN, which
?S: indicates that the C compiler can know that certain functions
?S: are guaranteed never to return.
?S:.
?S:d_attribute_pure:
?S: This variable conditionally defines HASATTRIBUTE_PURE, which
?S: indicates that the C compiler can know that certain functions
?S: are "pure" functions, meaning that they have no side effects, and
?S: only rely on function input and/or global data for their results.
?S:.
?S:d_attribute_unused:
?S: This variable conditionally defines HASATTRIBUTE_UNUSED, which
?S: indicates that the C compiler can know that certain variables
?S: and arguments may not always be used, and to not throw warnings
?S: if they don't get used.
?S:.
?S:d_attribute_warn_unused_result:
?S: This variable
 conditionally defines
?S: HASATTRIBUTE_WARN_UNUSED_RESULT, which indicates that the C
```

```
?S: compiler can know that certain functions have a return values
?S: that must not be ignored, such as malloc() or open().
?S:.
?C:HASATTRIBUTE_FORMAT ~ %< (GNUC_ATTRIBUTE_CHECK):
?C: Can we handle GCC attribute for checking printf-style formats
?C:.
?C:PRINTF_FORMAT_NULL_OK:
?C: Allows __printf__ format to be null when checking printf-style
?C:.
?C:HASATTRIBUTE_MALLOC:
?C: Can we handle GCC attribute for malloc-style functions.
?C:.
?C:HASATTRIBUTE_NONNULL:
?C: Can we handle GCC attribute for nonnull function parms.
?C:.
?C:HASATTRIBUTE_NORETURN:
?C: Can we handle GCC attribute for functions that do not return
?C:.
?C:HASATTRIBUTE_PURE:
?C: Can we handle GCC attribute for pure functions
?C:.
?C:HASATTRIBUTE_UNUSED:
?C: Can we handle GCC attribute for unused variables and arguments
?C:.
?C:HASATTRIBUTE_DEPRECATED:
?C: Can we handle GCC attribute for marking deprecated APIs
?C:.
?C:HASATTRIBUTE_WARN_UNUSED_RESULT
 ~ %< (HASATTRIBUTE):
?C: Can we handle GCC attribute for warning on unused results
?C:.
?H:?%<:#$d_attribute_deprecated HASATTRIBUTE_DEPRECATED /**/
?H:?%<:#$d_attribute_format HASATTRIBUTE_FORMAT /**/
?H:?%<:#$d_printf_format_null PRINTF_FORMAT_NULL_OK /**/
?H:?%<:#$d_attribute_noreturn HASATTRIBUTE_NORETURN /**/
?H:?%<:#$d_attribute_malloc HASATTRIBUTE_MALLOC /**/
?H:?%<:#$d_attribute_nonnull HASATTRIBUTE_NONNULL /**/
?H:?%<:#$d_attribute_pure HASATTRIBUTE_PURE /**/
?H:?%<:#$d_attribute_unused HASATTRIBUTE_UNUSED /**/
?H:?%<:#$d_attribute_warn_unused_result HASATTRIBUTE_WARN_UNUSED_RESULT /**/
?H:.
?F:!attrib !attrib.out !attrib.c
?LINT:set d_attribute_deprecated
?LINT:set d_attribute_format
?LINT:set d_printf_format_null
?LINT:set d_attribute_malloc
?LINT:set d_attribute_nonnull
?LINT:set d_attribute_noreturn
```

```
?LINT:set d_attribute_pure
?LINT:set d_attribute_unused
?LINT:set d_attribute_warn_unused_result
: Look for GCC-style attribute format
case "$d_attribute_format"
 in
")
echo " "
echo "Checking whether your compiler can handle __attribute__((format)) ..." >&4
$cat >attrib.c <<'EOCP'
#include <stdio.h>
void my_special_printf(char* pat,...) __attribute__((__format__(__printf__,1,2)));
EOCP
if $cc $ccflags -c attrib.c >attrib.out 2>&1 ; then
 if $contains 'warning' attrib.out >/dev/null 2>&1; then
  echo "Your C compiler doesn't support __attribute__((format))."
  val="$undef"
 else
  echo "Your C compiler supports __attribute__((format))."
  val="$define"
 fi
else
 echo "Your C compiler doesn't seem to understand __attribute__ at all."
 val="$undef"
fi
;;
*) val="$d_attribute_format" ;;
esac
set d_attribute_format
eval $setvar
$rm -f attrib*

: Look for GCC-style attribute format with null format allowed
case "$d_printf_format_null" in
") case "$d_attribute_format" in
   $define)
 echo " "
 echo "Checking whether your compiler allows __printf__ format to be null ..." >&4
$cat >attrib.c <<EOCP
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef
 I_STDLIB
#include <stdlib.h>
#endif
#$i_inttypes I_INTTYPES
#ifdef I_INTTYPES
#include <inttypes.h>
```

```
#endif
#ifndef INTPTR_MAX
#define intptr_t int
#endif
int null_printf (char* pat,...) __attribute__((__format__(__printf__,1,2)));
int null_printf (char* pat,...) { return (int)(intptr_t)pat; }
int main () { exit(null_printf(NULL)); }
EOCP
 if $cc $ccflags -o attrib attrib.c >attrib.out 2>&1 ; then
     : run the executable in case it produces a run-time warning
     if $run ./attrib >>attrib.out 2>&1; then
  if $contains 'warning' attrib.out >/dev/null 2>&1; then
      echo "Your C compiler doesn't allow __printf__ format to be null."
      val="$undef"
  else
      echo "Your C compiler allows __printf__ format to be null."
      val="$define"
  fi
     else
     echo "Your C compiler executable failed with __printf__ format null."
     val="$undef"
 fi
   else
 echo "Your C compiler fails with __printf__ format null."
 val="$undef"
   fi
   ;;
   *)  val="$undef" ;;
   esac
;;
*)
  val="$d_printf_format_null" ;;
esac
set d_printf_format_null
eval $setvar
$rm -f attrib*

: Look for GCC-style attribute malloc
case "$d_attribute_malloc" in
")
echo " "
echo "Checking whether your compiler can handle __attribute__((malloc)) ..." >&4
$cat >attrib.c <<'EOCP'
#include <stdio.h>
char *go_get_some_memory( int how_many_bytes ) __attribute__((malloc));
EOCP
if $cc $ccflags -c attrib.c >attrib.out 2>&1 ; then
 if $contains 'warning' attrib.out >/dev/null 2>&1; then
```

```
  echo "Your C compiler doesn't support __attribute__((malloc))."
  val="$undef"
 else
  echo "Your C compiler supports __attribute__((malloc))."
  val="$define"
 fi
else
 echo "Your C compiler doesn't seem to understand __attribute__ at all."
 val="$undef"
fi
;;
*) val="$d_attribute_malloc" ;;
esac
set d_attribute_malloc
eval $setvar
$rm -f attrib*

: Look for GCC-style attribute nonnull
case "$d_attribute_nonnull" in
")
echo " "
echo "Checking whether your compiler can handle __attribute__((nonnull(1))) ..."
 >&4
$cat >attrib.c <<'EOCP'
#include <stdio.h>
void do_something (char *some_pointer,...) __attribute__((nonnull(1)));
EOCP
if $cc $ccflags -c attrib.c >attrib.out 2>&1 ; then
 if $contains 'warning' attrib.out >/dev/null 2>&1; then
  echo "Your C compiler doesn't support __attribute__((nonnull))."
  val="$undef"
 else
  echo "Your C compiler supports __attribute__((nonnull))."
  val="$define"
 fi
else
 echo "Your C compiler doesn't seem to understand __attribute__ at all."
 val="$undef"
fi
;;
*) val="$d_attribute_nonnull" ;;
esac
set d_attribute_nonnull
eval $setvar
$rm -f attrib*

: Look for GCC-style attribute noreturn
case "$d_attribute_noreturn" in
```

```
")
echo " "
echo "Checking whether your compiler can handle __attribute__((noreturn)) ..." >&4
$cat >attrib.c <<'EOCP'
#include <stdio.h>
void fall_over_dead( void ) __attribute__((noreturn));
EOCP
if $cc $ccflags -c attrib.c >attrib.out 2>&1 ; then
 if $contains 'warning' attrib.out >/dev/null 2>&1; then
  echo "Your C compiler doesn't
 support __attribute__((noreturn))."
  val="$undef"
 else
  echo "Your C compiler supports __attribute__((noreturn))."
  val="$define"
 fi
else
 echo "Your C compiler doesn't seem to understand __attribute__ at all."
 val="$undef"
fi
;;
*) val="$d_attribute_noreturn" ;;
esac
set d_attribute_noreturn
eval $setvar
$rm -f attrib*

: Look for GCC-style attribute pure
case "$d_attribute_pure" in
")
echo " "
echo "Checking whether your compiler can handle __attribute__((pure)) ..." >&4
$cat >attrib.c <<'EOCP'
#include <stdio.h>
int square( int n ) __attribute__((pure));
EOCP
if $cc $ccflags -c attrib.c >attrib.out 2>&1 ; then
 if $contains 'warning' attrib.out >/dev/null 2>&1; then
  echo "Your C compiler doesn't support __attribute__((pure))."
  val="$undef"
 else
  echo "Your C compiler supports __attribute__((pure))."
  val="$define"
 fi
else
 echo "Your C compiler doesn't seem to understand __attribute__ at all."
 val="$undef"
fi
```

```
;;
*) val="$d_attribute_pure" ;;
esac
set d_attribute_pure
eval
 $setvar
$rm -f attrib*

: Look for GCC-style attribute unused
case "$d_attribute_unused" in
")
echo " "
echo "Checking whether your compiler can handle __attribute__((unused)) ..." >&4
$cat >attrib.c <<'EOCP'
#include <stdio.h>
int do_something( int dummy __attribute__((unused)), int n );
EOCP
if $cc $ccflags -c attrib.c >attrib.out 2>&1 ; then
 if $contains 'warning' attrib.out >/dev/null 2>&1; then
  echo "Your C compiler doesn't support __attribute__((unused))."
  val="$undef"
 else
  echo "Your C compiler supports __attribute__((unused))."
  val="$define"
 fi
else
 echo "Your C compiler doesn't seem to understand __attribute__ at all."
 val="$undef"
fi
;;
*) val="$d_attribute_unused" ;;
esac
set d_attribute_unused
eval $setvar
$rm -f attrib*

: Look for GCC-style attribute deprecated
case "$d_attribute_deprecated" in
")
echo " "
echo "Checking whether your compiler can handle __attribute__((deprecated)) ..." >&4
$cat >attrib.c <<'EOCP'
#include <stdio.h>
int I_am_deprecated(void)
 __attribute__((deprecated));
EOCP
if $cc $ccflags -c attrib.c >attrib.out 2>&1 ; then
 if $contains 'warning' attrib.out >/dev/null 2>&1; then
```

```
  echo "Your C compiler doesn't support __attribute__((deprecated))."
  val="$undef"
 else
  echo "Your C compiler supports __attribute__((deprecated))."
  val="$define"
 fi
else
 echo "Your C compiler doesn't seem to understand __attribute__ at all."
 val="$undef"
fi
;;
*) val="$d_attribute_deprecated" ;;
esac
set d_attribute_deprecated
eval $setvar
$rm -f attrib*

: Look for GCC-style attribute warn_unused_result
case "$d_attribute_warn_unused_result" in
")
echo " "
echo "Checking whether your compiler can handle __attribute__((warn_unused_result)) ..." >&4
$cat >attrib.c <<'EOCP'
#include <stdio.h>
int I_will_not_be_ignored(void) __attribute__((warn_unused_result));
EOCP
if $cc $ccflags -c attrib.c >attrib.out 2>&1 ; then
 if $contains 'warning' attrib.out >/dev/null 2>&1; then
  echo "Your C compiler doesn't support __attribute__((warn_unused_result))."
  val="$undef"
 else
  echo
 "Your C compiler supports __attribute__((warn_unused_result))."
  val="$define"
 fi
else
 echo "Your C compiler doesn't seem to understand __attribute__ at all."
 val="$undef"
fi
;;
*) val="$d_attribute_warn_unused_result" ;;
esac
set d_attribute_warn_unused_result
eval $setvar
$rm -f attrib*
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/modified/d_attribut.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_castneg.U,v 3.0.1.2 1995/05/12 12:11:21 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_castneg.U,v $
?RCS: Revision 3.0.1.2  1995/05/12  12:11:21  ram
?RCS: patch54: made sure cc and ccflags are conditional dependencies
?RCS: patch54: added improved test case for Interactive Unix
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  16:10:50  ram
?RCS: patch36: don't forget to tell user about compilation failures (ADO)
?RCS: patch36: declare signal handler correctly using 'signal_t' (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:47  ram
?RCS: Baseline
 for dist 3.0 netwide release.
?RCS:
?X:
?X: Can the compiler cast negative / odd floats to unsigned values.
?X:
?MAKE:d_castneg castflags: cat Compile rm_try Setvar signal_t run i_stdlib
?MAKE: -pick add $@ %<
?S:d_castneg:
?S: This variable conditionally defines CASTNEG, which indicates
?S: whether the C compiler can cast negative float to unsigned.
?S:.
?S:castflags:
?S: This variable contains a flag that precise difficulties the
?S: compiler has casting odd floating values to unsigned long:
?S:  0 = ok
?S:  1 = couldn't cast < 0
?S:  2 = couldn't cast >= 0x80000000
?S:  4 = couldn't cast in argument expression list
?S:.
?C:CASTNEGFLOAT:
?C: This symbol is defined if the C compiler can cast negative
?C: numbers to unsigned longs, ints and shorts.
?C:.
?C:CASTFLAGS:
```

```
?C: This symbol contains flags that say what difficulties the compiler
?C: has casting odd floating values to unsigned long:
?C:  0 = ok
?C:  1 = couldn't cast < 0
?C:  2 = couldn't cast >= 0x80000000
?C:  4 = couldn't
 cast in argument expression list
?C:.
?H:#$d_castneg CASTNEGFLOAT  /**/
?H:#define CASTFLAGS $castflags  /**/
?H:.
?F:!try
?LINT:set d_castneg
: check for ability to cast negative floats to unsigned
echo " "
echo 'Checking whether your C compiler can cast negative float to unsigned.' >&4
$cat >try.c <<EOCP
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#include <sys/types.h>
#include <signal.h>
$signal_t blech(int s) { exit(7); }
$signal_t blech_in_list(int s) { exit(4); }
unsigned long dummy_long(unsigned long p) { return p; }
unsigned int dummy_int(unsigned int p) { return p; }
unsigned short dummy_short(unsigned short p) { return p; }
int main()
{
 double f;
 unsigned long along;
 unsigned int aint;
 unsigned short ashort;
 int result = 0;
 char str[16];

 /* Frustrate gcc-2.7.2's optimizer which failed this test with
    a direct f = -123. assignment.  gcc-2.8.0 reportedly
    optimized the whole file away
 */
 /* Store the number in a writable
 string for gcc to pass to
    sscanf under HP-UX.
 */
 sprintf(str, "-123");
 sscanf(str, "%lf", &f);  /* f = -123.; */
```

```
signal(SIGFPE, blech);
along = (unsigned long)f;
aint = (unsigned int)f;
ashort = (unsigned short)f;
if (along != (unsigned long)-123)
 result |= 1;
if (aint != (unsigned int)-123)
 result |= 1;
if (ashort != (unsigned short)-123)
 result |= 1;
sprintf(str, "1073741824.");
sscanf(str, "%lf", &f); /* f = (double)0x40000000; */
f = f + f;
along = 0;
along = (unsigned long)f;
if (along != 0x80000000)
 result |= 2;
f -= 1.;
along = 0;
along = (unsigned long)f;
if (along != 0x7fffffff)
 result |= 1;
f += 2.;
along = 0;
along = (unsigned long)f;
if (along != 0x80000001)
 result |= 2;
if (result)
 exit(result);
?X:
?X: The following is a test for Interactive Unix Version 4.1, which
?X: has an 'improved' compiler which can correctly cast negative
?X: floats in expression lists, but apparently not in argument lists.
?X: Contributed by Winfried Koenig
 <win@incom.rhein-main.de>
?X:
signal(SIGFPE, blech_in_list);
sprintf(str, "123.");
sscanf(str, "%lf", &f);  /* f = 123.; */
along = dummy_long((unsigned long)f);
aint = dummy_int((unsigned int)f);
ashort = dummy_short((unsigned short)f);
if (along != (unsigned long)123)
 result |= 4;
if (aint != (unsigned int)123)
 result |= 4;
if (ashort != (unsigned short)123)
```

```
  result |= 4;
 exit(result);

}
EOCP
set try
if eval $compile_ok; then
 $run ./try 2>/dev/null
 castflags=$?
else
 echo "(I can't seem to compile the test program--assuming it can't)"
 castflags=7
fi
case "$castflags" in
0) val="$define"
 echo "Yup, it can."
 ;;
*) val="$undef"
 echo "Nope, it can't."
 ;;
esac
set d_castneg
eval $setvar
$rm_try
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_castneg.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_strtod_l: Inlibc
?MAKE: -pick add $@ %<
?S:d_strtod_l:
?S: This variable conditionally defines the HAS_STRTOD_L symbol, which
?S: indicates to the C program that the strtod_l() routine is available.
?S:.
?C:HAS_STRTOD_L:
?C: This symbol, if defined, indicates that the strtod_l routine is
?C: available to convert strings to long doubles.
?C:.
?H:#$d_strtod_l HAS_STRTOD_L  /**/
```

```
?H:.
?LINT:set d_strtod_l
: see if strtod_l exists
set strtod_l d_strtod_l
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_strtod_l.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setpgrp.U,v 3.0.1.3 1997/02/28 15:44:16 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_setpgrp.U,v $
?RCS: Revision 3.0.1.3  1997/02/28  15:44:16  ram
?RCS: patch61: obsoleted USE_BSDGRP in favor of USE_BSD_SETPGRP
?RCS: patch61: another unit now also defines a USE_BSD_GETPGRP
?RCS: patch61: fallback for test program failure improved
?RCS:
?RCS: Revision 3.0.1.2  1995/07/25  13:59:30  ram
?RCS: patch56: re-arranged compile line to include ldflags before objects
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  16:15:37  ram
?RCS: patch36: added
 'ldflags' to the test compile line (ADO)
?RCS: patch36: call ./usg explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0  1993/08/18  12:07:09  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setpgrp d_bsdsetpgrp: cat rm_try +cc +libs +ccflags \
 +ldflags Inlibc Guess Setvar i_unistd i_stdlib run
?MAKE: -pick add $@ %<
?S:d_setpgrp:
?S: This variable conditionally defines HAS_SETPGRP if setpgrp() is
?S: available to set the current process group.
?S:.
?S:d_bsdsetpgrp (d_bsdpgrp):
?S: This variable conditionally defines USE_BSD_SETPGRP if
?S: setpgrp needs two arguments whereas USG one needs none.
```

```
?S: See also d_setpgid for a POSIX interface.
?S:.
?C:HAS_SETPGRP (SETPGRP):
?C: This symbol, if defined, indicates that the setpgrp routine is
?C: available to set the current process group.
?C:.
?C:USE_BSD_SETPGRP (USE_BSDPGRP BSDPGRP):
?C: This symbol, if defined, indicates that setpgrp needs two
?C: arguments whereas USG one needs none.  See also HAS_SETPGID
?C: for
 a POSIX interface.
?C:.
?H:#$d_setpgrp HAS_SETPGRP  /**/
?H:#$d_bsdsetpgrp USE_BSD_SETPGRP /**/
?H:.
?T:xxx
?F:!try
?LINT:set d_setpgrp d_bsdsetpgrp
: see if setpgrp exists
set setpgrp d_setpgrp
eval $inlibc

@if USE_BSD_SETPGRP || d_bsdsetpgrp
case "$d_setpgrp" in
"$define")
 echo " "
 echo "Checking to see which flavor of setpgrp is in use..."
 $cat >try.c <<EOP
#$i_unistd I_UNISTD
#include <sys/types.h>
#ifdef I_UNISTD
#  include <unistd.h>
#endif
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
int main()
{
 if (getuid() == 0) {
  printf("(I see you are running Configure as super-user...)\n");
  setuid(1);
 }
#ifdef TRY_BSD_PGRP
 if (-1 == setpgrp(1, 1))
  exit(0);
#else
 if (setpgrp() != -1)
```

```
  exit(0);
#endif
 exit(1);
}
EOP
 if $cc -o try -DTRY_BSD_PGRP $ccflags $ldflags try.c $libs >/dev/null 2>&1 && $run ./try; then
  echo 'You have to use setpgrp(pid,pgrp) instead of setpgrp().' >&4
  val="$define"
 elif $cc -o try $ccflags $ldflags try.c $libs >/dev/null 2>&1 &&
 $run ./try; then
  echo 'You have to use setpgrp() instead of setpgrp(pid,pgrp).' >&4
  val="$undef"
 else
  echo "(I can't seem to compile and run the test program.)"
  if ./usg; then
   xxx="a USG one, i.e. you use setpgrp()."
  else
   # SVR4 systems can appear rather BSD-ish.
   case "$i_unistd" in
   $undef)
    xxx="a BSD one, i.e. you use setpgrp(pid,pgrp)."
    val="$define"
    ;;
   $define)
    xxx="probably a USG one, i.e. you use setpgrp()."
    val="$undef"
    ;;
   esac
  fi
  echo "Assuming your setpgrp is $xxx" >&4
 fi
 ;;
*) val="$undef";;
esac
set d_bsdsetpgrp
eval $setvar
$rm_try
@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_setpgrp.U
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```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_setitimer: Inlibc
?MAKE: -pick add $@ %<
?S:d_setitimer:
?S: This variable conditionally defines the HAS_SETITIMER symbol, which
?S: indicates to the C program that the setitimer() routine is available.
?S:.
?C:HAS_SETITIMER:
?C: This symbol, if defined, indicates that the setitimer routine is
?C: available to set interval timers.
?C:.
?H:#$d_setitimer HAS_SETITIMER  /**/
?H:.
?LINT:set d_setitimer
: see if setitimer exists
set setitimer d_setitimer
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_setitimer.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_systypes.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_systypes.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:41  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: Look wether <sys/types.h> needs to be included.
?X:
?MAKE:i_systypes: Inhdr
?MAKE: -pick add $@ %<
?S:i_systypes:
?S: This variable conditionally defines the I_SYS_TYPES symbol,
?S: and indicates whether a C program should include <sys/types.h>.
?S:.
```

```
?C:I_SYS_TYPES (I_SYSTYPES):
?C: This symbol, if defined, indicates to the C program
 that it should
?C: include <sys/types.h>.
?C:.
?H:#$i_systypes I_SYS_TYPES  /**/
?H:.
?LINT:set i_systypes
: see if sys/types.h has to be included
set sys/types.h i_systypes
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_systypes.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: nis.U,v $
?RCS: Revision 3.0.1.3  1997/02/28  16:17:38  ram
?RCS: patch61: ensure suitable defaults for hostcat and friends
?RCS:
?RCS: Revision 3.0.1.2  1995/03/21  08:48:34  ram
?RCS: patch52: continued fix for NeXT NIS/NetInfo handling
?RCS:
?RCS: Revision 3.0.1.1  1995/02/15  14:16:23  ram
?RCS: patch51: now correctly handles NeXT using NIS rather than NetInfo
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:24  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:passcat groupcat hostcat:
 Myread Oldconfig test contains
?MAKE: -pick add $@ %<
?S:passcat:
?S: This variable contains a command that produces the text of the
?S: /etc/passwd file.  This is normally "cat /etc/passwd", but can be
?S: "ypcat passwd" when NIS is used.
?S:.
```

```
?S:groupcat:
?S: This variable contains a command that produces the text of the
?S: /etc/group file.  This is normally "cat /etc/group", but can be
?S: "ypcat group" when NIS is used.
?S:.
?S:hostcat:
?S: This variable contains a command that produces the text of the
?S: /etc/hosts file.  This is normally "cat /etc/hosts", but can be
?S: "ypcat hosts" when NIS is used.
?S:.
: see if we have to deal with yellow pages, now NIS.
?X: NeXT gives us some fun here, as always, by having both NIS (former YP)
?X: and NetInfo. But since it has both, it's ok to put the test inside the if.
?X: Contributed by Thomas Neumann <tom@smart.bo.open.de>.
if $test -d /usr/etc/yp || $test -d /etc/yp || $test -d /usr/lib/yp; then
 if $test -f /usr/etc/nibindd; then
  echo
 " "
  echo "I'm fairly confident you're on a NeXT."
@if passcat || groupcat
  echo " "
  rp='Do you get the passwd file via NetInfo?'
  dflt=y
  case "$passcat" in
  nidump*) ;;
  ") ;;
  *) dflt=n;;
  esac
  . ./myread
  case "$ans" in
  y*) passcat='nidump passwd .'
@if groupcat
   echo "(Assuming /etc/group is also distributed.)"
   groupcat='nidump group .'
@end
   ;;
  *) echo "You told me, so don't blame me."
   case "$passcat" in
   nidump*) passcat="
@if groupcat
     groupcat=";;
@end
   esac
@if groupcat
   echo "(Assuming /etc/group is handled the same way.)"
@end
   ;;
  esac
```

```
@end
@if hostcat
  echo " "
  rp='Do you get the hosts file via NetInfo?'
  dflt=y
  case "$hostcat" in
  nidump*) ;;
  ") ;;
  *) dflt=n;;
  esac
  . ./myread
  case "$ans" in
  y*) hostcat='nidump hosts .';;
  *) case "$hostcat" in
   nidump*) hostcat=";;
   esac
   ;;
  esac
@end
 fi
@if passcat || groupcat
 case "$passcat" in
 nidump*) ;;
 *)
  case "$passcat" in
  *ypcat*) dflt=y;;
  ")
 if $contains '^\+' /etc/passwd >/dev/null 2>&1; then
    dflt=y
   else
    dflt=n
   fi;;
  *) dflt=n;;
  esac
  echo " "
  rp='Are you getting the passwd file via yellow pages?'
  . ./myread
  case "$ans" in
  y*) passcat='ypcat passwd'
@if groupcat
   echo "(Assuming /etc/group is also distributed.)"
   groupcat='ypcat group'
@end
   ;;
  *) passcat='cat /etc/passwd'
@if groupcat
   echo "(Assuming /etc/group is also local.)"
   groupcat='cat /etc/group'
```

```
@end
   ;;
  esac
  ;;
 esac
@end
@if hostcat
 case "$hostcat" in
 nidump*) ;;
 *)
  case "$hostcat" in
  *ypcat*) dflt=y;;
  ") if $contains '^\+' /etc/passwd >/dev/null 2>&1; then
    dflt=y
   else
    dflt=n
   fi;;
  *) dflt=n;;
  esac
  echo " "
  rp='Are you getting the hosts file via yellow pages?'
  . ./myread
  case "$ans" in
  y*) hostcat='ypcat hosts';;
  *) hostcat='cat /etc/hosts';;
  esac
  ;;
 esac
@end
fi
?X: Ensure suitable default -- Manoj Srivastava
case "$hostcat" in
") hostcat=':'
 $test -f /etc/hosts && hostcat='cat
 /etc/hosts';;
esac
case "$groupcat" in
") groupcat=':'
 $test -f /etc/group && groupcat='cat /etc/group';;
esac
case "$passcat" in
") passcat=':'
 $test -f /etc/passwd && passcat='cat /etc/passwd';;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/nis.U

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```
?RCS: $Id: d_drand48_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_drand48_r drand48_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_stdlib extern_C
?MAKE: -pick add $@ %<
?S:d_drand48_r:
?S: This variable conditionally defines the HAS_DRAND48_R symbol,
?S: which indicates to the C program that the drand48_r()
?S: routine is available.
?S:.
?S:drand48_r_proto:
?S: This variable encodes the prototype of drand48_r.
?S: It is zero if d_drand48_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_drand48_r
?S: is defined.
?S:.
?C:HAS_DRAND48_R:
?C: This symbol, if defined, indicates that the drand48_r routine
?C: is available to drand48 re-entrantly.
?C:.
?C:DRAND48_R_PROTO:
?C: This
 symbol encodes the prototype of drand48_r.
?C: It is zero if d_drand48_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_drand48_r
?C: is defined.
?C:.
?H:#$d_drand48_r HAS_DRAND48_R /**/
?H:#define DRAND48_R_PROTO $drand48_r_proto /**/
?H:.
?T:try hdrs d_drand48_r_proto
: see if drand48_r exists
set drand48_r d_drand48_r
eval $inlibc
case "$d_drand48_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_stdlib stdlib.h"
 case "$d_drand48_r_proto:$usethreads" in
 ":define") d_drand48_r_proto=define
  set d_drand48_r_proto drand48_r $hdrs
```

```
 eval $hasproto ;;
*) ;;
esac
case "$d_drand48_r_proto" in
define)
case "$drand48_r_proto" in
"|0) try='int drand48_r(struct drand48_data*, double*);'
./protochk "$extern_C $try" $hdrs && drand48_r_proto=I_ST ;;
esac
case "$drand48_r_proto" in
"|0) d_drand48_r=undef
 drand48_r_proto=0
 echo "Disabling drand48_r, cannot determine prototype." >&4 ;;
* ) case
"$drand48_r_proto" in
 REENTRANT_PROTO*) ;;
 *) drand48_r_proto="REENTRANT_PROTO_$drand48_r_proto" ;;
 esac
 echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
 define) echo "drand48_r has no prototype, not using it." >&4 ;;
 esac
 d_drand48_r=undef
 drand48_r_proto=0
 ;;
esac
;;
*) drand48_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_drand48_r.U
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```
?RCS: $Id: voidflags.U,v 3.0.1.2 1997/02/28 16:27:58 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
```

```
?RCS: $Log: voidflags.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  16:27:58  ram
?RCS: patch61: don't prompt them if the void support is high enough for us
?RCS:
?RCS: Revision 3.0.1.1  1995/01/11  15:37:44  ram
?RCS: patch45: cosmetic change to avoid spurious blank lines when using -s
?RCS:
?RCS: Revision 3.0  1993/08/18  12:10:01  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:voidflags defvoidused: cat rm_try contains +cc +ccflags package \
 Oldconfig
 Myread i_stdlib
?MAKE: -pick add $@ %<
?S:voidflags:
?S: This variable contains the eventual value of the VOIDFLAGS symbol,
?S: which indicates how much support of the void type is given by this
?S: compiler.  See VOIDFLAGS for more info.
?S:.
?S:defvoidused:
?S: This variable contains the default value of the VOIDUSED symbol (15).
?S:.
?X: Exceptionally, we have to explicitly alias the symbol name for
?X: config_h.SH, otherwise the comment would not appear.
?C:VOIDFLAGS ~ %<:
?C: This symbol indicates how much support of the void type is given by this
?C: compiler.  What various bits mean:
?C:
?C:     1 = supports declaration of void
?C:     2 = supports arrays of pointers to functions returning void
?C:     4 = supports comparisons between pointers to void functions and
?C:      addresses of void functions
?C:     8 = supports declaration of generic void pointers
?C:
?C: The package designer should define VOIDUSED to indicate the requirements
?C: of the package.  This can be done either
 by #defining VOIDUSED before
?C: including config.h, or by defining defvoidused in Myinit.U.  If the
?C: latter approach is taken, only those flags will be tested.  If the
?C: level of void support necessary is not present, defines void to int.
?C:.
?H:?%<:#ifndef VOIDUSED
?H:?%<:#define VOIDUSED $defvoidused
?H:?%<:#endif
?H:?%<:#define VOIDFLAGS $voidflags
?H:?%<:#if (VOIDFLAGS & VOIDUSED) != VOIDUSED
?H:?%<:#define void int  /* is void to be avoided? */
?H:?%<:#define M_VOID   /* Xenix strikes again */
```

```
?H:?%<:#endif
?H:.
?INIT:: full support for void wanted by default
?INIT:defvoidused=15
?INIT:
?LINT:known void M_VOID VOIDUSED
: check for void type
echo " "
echo "Checking to see how well your C compiler groks the void type..." >&4
case "$voidflags" in
")
 $cat >try.c <<EOCP
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#if TRY & 1
void sub() {
#else
sub() {
#endif
 extern void moo(); /* function returning void */
 void (*goo)();  /* ptr to func returning void
 */
#if TRY & 8
 void *hue;  /* generic ptr */
#endif
#if TRY & 2
 void (*foo[10])();
#endif

#if TRY & 4
 if(goo == moo) {
  exit(0);
 }
#endif
 exit(0);
}
int main() { sub(); }
EOCP
?X: This unit used to use cc -S in those tests to try to speed up things, but
?X: unfortunately, AIX 3.2 does not support this option.
 if $cc $ccflags -c -DTRY=$defvoidused try.c >.out 2>&1 ; then
  voidflags=$defvoidused
 echo "Good.  It appears to support void to the level $package wants.">&4
  if $contains warning .out >/dev/null 2>&1; then
   echo "However, you might get some warnings that look like this:"
   $cat .out
```

```
  fi
 else
echo "Hmm, your compiler has some difficulty with void. Checking further..." >&4
  if $cc $ccflags -c -DTRY=1 try.c >/dev/null 2>&1; then
   echo "It supports 1..."
   if $cc $ccflags -c -DTRY=3 try.c >/dev/null 2>&1; then
    echo "It also supports 2..."
    if $cc $ccflags -c -DTRY=7 try.c >/dev/null 2>&1; then
     voidflags=7
     echo "And it supports 4 but not 8 definitely."
    else
     echo
 "It doesn't support 4..."
     if $cc $ccflags -c -DTRY=11 try.c >/dev/null 2>&1; then
      voidflags=11
      echo "But it supports 8."
     else
      voidflags=3
      echo "Neither does it support 8."
     fi
    fi
   else
    echo "It does not support 2..."
    if $cc $ccflags -c -DTRY=13 try.c >/dev/null 2>&1; then
     voidflags=13
     echo "But it supports 4 and 8."
    else
     if $cc $ccflags -c -DTRY=5 try.c >/dev/null 2>&1; then
      voidflags=5
      echo "And it supports 4 but has not heard about 8."
     else
      echo "However it supports 8 but not 4."
     fi
    fi
   fi
  else
   echo "There is no support at all for void."
   voidflags=0
  fi
 fi
esac
?X: Only prompt user if support does not match the level we want
case "$voidflags" in
"$defvoidused") ;;
*) $cat >&4 <<'EOM'
 Support flag bits are:
   1: basic void declarations.
   2: arrays of pointers to functions returning void.
```

```
   4: operations between pointers to and addresses of
 void functions.
   8: generic void pointers.
EOM
 dflt="$voidflags";
 rp="Your void support flags add up to what?"
 . ./myread
 voidflags="$ans"
 ;;
esac
$rm_try
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/voidflags.U
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_gethent.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:09  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_gethent: Inlibc
?MAKE: -pick add $@ %<
?S:d_gethent:
?S: This variable conditionally defines HAS_GETHOSTENT if gethostent() is
?S: available to dup file descriptors.
?S:.
?C:HAS_GETHOSTENT (GETHOSTENT):
?C: This symbol, if defined, indicates that the gethostent routine is
?C: available to lookup host names in some data base or other.
?C:.
?H:#$d_gethent HAS_GETHOSTENT  /**/
?H:.
?LINT:set
 d_gethent
: see if gethostent exists
set gethostent d_gethent
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_gethent.U
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```
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?RCS:
?MAKE:uidformat: uidsize uidsign ivsize uvsize longsize intsize shortsize \
 ivdformat uvuformat test echo
?MAKE: -pick add $@ %<
?S:uidformat:
?S: This variable contains the format string used for printing a Uid_t.
?S:.
?C:Uid_t_f:
?C: This symbol defines the format string used for printing a Uid_t.
?C:.
?H:#define Uid_t_f  $uidformat  /**/
?H:.
: Check format string for UID
echo " "
$echo "Checking the format string to be used for uids..." >&4

case "$uidsign" in
-1) if $test X"$uidsize" = X"$ivsize"; then
  uidformat="$ivdformat"
 else
  if $test X"$uidsize" = X"$longsize"; then
   uidformat="'ld'"
  else
   if $test X"$uidsize" = X"$intsize"; then
    uidformat="'d'"
   else
    if $test X"$uidsize"
 = X"$shortsize"; then
     uidformat="'hd'"
    fi
   fi
  fi
 fi
 ;;
*) if $test X"$uidsize" = X"$uvsize"; then
  uidformat="$uvuformat"
```

```
 else
  if $test X"$uidsize" = X"$longsize"; then
   uidformat='"lu"'
  else
   if $test X"$uidsize" = X"$intsize"; then
    uidformat='"u"'
   else
    if $test X"$uidsize" = X"$shortsize"; then
     uidformat='"hu"'
    fi
   fi
  fi
 fi
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/uidf.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: sizetype.U,v 3.0.1.1 1994/08/29 16:32:10 ram Exp $
?RCS:
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?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: sizetype.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:32:10  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:sizetype: Myread Typedef
?MAKE: -pick add $@ %<
?S:sizetype:
?S: This variable defines sizetype to be something like size_t,
?S: unsigned long, or whatever type is used to declare length
?S: parameters for string functions.
?S:.
?C:Size_t:
?C: This symbol holds the type used
 to declare length parameters
?C: for string functions.  It is usually size_t, but may be
```

```
?C: unsigned long, int, etc.  It may be necessary to include
?C: <sys/types.h> to get any typedef'ed information.
?C:.
?H:#define Size_t $sizetype  /* length parameter for string functions */
?H:.
?LINT: set sizetype
: see what type is used for size_t
rp="What is the type used for the length parameter for string functions?"
set size_t sizetype 'unsigned int' stdio.h sys/types.h
eval $typedef_ask
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/sizetype.U
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```
?RCS: $Id: lex.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS:
?RCS: Orginal Author: Graham Stoney <greyham@research.canon.oz.au>
?RCS:
?RCS: $Log: lex.U,v $
?RCS: Revision 3.0.1.3  1994/10/29  16:22:50  ram
?RCS: patch36: spurious single quote could cause Configure to crash
?RCS: patch36: (reported by Xavier Le Vourch <xavierl@eiffel.com>.)
?RCS:
?RCS: Revision 3.0.1.2  1994/08/29  16:27:09  ram
?RCS: patch32: added lexflags variable for lex flags setting
?RCS:
?RCS: Revision 3.0.1.1  1994/05/06  15:06:01  ram
?RCS: patch23: added
 trailing blank line for metalint
?RCS:
?RCS: Revision 3.0  1993/08/18  12:08:55  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:lex lexflags: Guess Myread Oldconfig flex test
?MAKE: -pick add $@ %<
?S:lex:
?S: This variable holds the name of the lexical analyser generator we
?S: want to use in the Makefile. It can be lex or flex.
```

```
?S:.
?S:lexflags:
?S: This variable holds any flags that should be passed to the lexical
?S: analyzer.  It is up to the Makefile to use it.
?S:.
: determine lexical analyser generator
case "$lex" in
")
 dflt=lex;;
*)
 dflt="$lex";;
esac
echo " "
if $test -f "$flex"; then
 rp='Which lexical analyser generator (lex or flex) shall I use?'
else
 rp='Which lexical analyser generator shall I use?'
fi
. ./myread
lex="$ans"

@if lexflags
: if using lex this will normally be useless, but flex frequently takes args
echo " "
case "$lexflags" in
") dflt='none';;
*) dflt="$lexflags";;
esac
rp="What flags should be given to $lex?"
. ./myread
case "$ans"
 in
none) lexflags=";;
*) lexflags="$ans";;
esac

@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/lex.U
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```
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?RCS:
?RCS: $Log: cf_email.U,v $
?RCS: Revision 3.0.1.1  1994/01/24  14:05:06  ram
?RCS: patch16: created
?RCS:
?RCS:
?MAKE:cf_email: cat cf_by test myhostname mydomain Oldconfig Myread
?MAKE: -pick add $@ %<
?S:cf_email:
?S: Electronic mail address of the person who ran Configure. This can be
?S: used by units that require the user's e-mail, like MailList.U.
?S:.
?T:cont maildomain
?LINT:extern MAILDOMAIN
: determine the e-mail address of the user who is running us
$cat <<EOM

I need to get your e-mail address
 in Internet format if possible, i.e.
something like user@host.domain. Please answer accurately since I have
no easy means to double check it. The default value provided below
is most probably close to reality but may not be valid from outside
your organization...

EOM
cont=x
while test "$cont"; do
 case "$MAILDOMAIN" in
 ")
  if $test -s /etc/mailname; then
   maildomain=`$cat /etc/mailname`
  else
   maildomain="$myhostname$mydomain"
  fi
  ;;
 *)  maildomain="$MAILDOMAIN";;
 esac
 case "$cf_email" in
 ") dflt="$cf_by@$maildomain";;
 *)  dflt="$cf_email";;
 esac
 rp='What is your e-mail address?'
 . ./myread
 cf_email="$ans"
```

```
 case "$cf_email" in
 *@*.*) cont=" ;;
 *)
  rp='Address does not look like an Internet one.  Use it anyway?'
  case "$fastread" in
  yes) dflt=y ;;
  *) dflt=n ;;
  esac
  . ./myread
  case "$ans" in
  y*) cont=" ;;
  *) echo " " ;;
  esac
  ;;
 esac
done

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/cf_email.U
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?RCS:
?MAKE:perladmin: cf_email Oldconfig Myread cat
?MAKE: -pick add $@ %<
?Y:TOP
?S:perladmin:
?S: Electronic mail address of the perl5 administrator.
?S:.
: Ask e-mail of administrator
$cat <<EOM

If you or somebody else will be maintaining perl at your site, please
fill in the correct e-mail address here so that they may be contacted
if necessary. Currently, the "perlbug" program included with perl
will send mail to this address in addition to perlbug@perl.org. You may
enter "none" for no administrator.

EOM
case "$perladmin" in
") dflt="$cf_email";;
*) dflt="$perladmin";;
esac
rp='Perl administrator e-mail address'
```

```
. ./myread
perladmin="$ans"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/perladmin.U
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```
?RCS: $Id: selecttype.U,v 3.0.1.3 1997/02/28 16:20:09 ram Exp $
?RCS:
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?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: selecttype.U,v $
?RCS: Revision 3.0.1.3  1997/02/28  16:20:09  ram
?RCS: patch61: always include <sys/select.h> when available for test
?RCS:
?RCS: Revision 3.0.1.2  1995/07/25  14:14:06  ram
?RCS: patch56: removed harmful spaces in assignment
?RCS:
?RCS: Revision 3.0.1.1  1994/06/20  07:06:31  ram
?RCS: patch30: created by ADO
?RCS:
?MAKE:selecttype: Protochk Oldconfig Myread cat
 \
 d_fd_set d_select d_socket i_systime i_sysselct extern_C
?MAKE: -pick add $@ %<
?S:selecttype:
?S: This variable holds the type used for the 2nd, 3rd, and 4th
?S: arguments to select.  Usually, this is 'fd_set *', if HAS_FD_SET
?S: is defined, and 'int *' otherwise.  This is only useful if you
?S: have select(), naturally.
?S:.
?C:Select_fd_set_t:
?C: This symbol holds the type used for the 2nd, 3rd, and 4th
?C: arguments to select.  Usually, this is 'fd_set *', if HAS_FD_SET
?C: is defined, and 'int *' otherwise.  This is only useful if you
?C: have select(), of course.
?C:.
?H:#define Select_fd_set_t $selecttype /**/
?H:.
```

```
?T:xxx nfd tmo try hdrs val
: check for type of arguments to select.
case "$selecttype" in
") case "$d_select" in
 $define)
  echo " "
  $cat <<EOM
Checking to see what type of arguments are accepted by select().
EOM
  hdrs="$define sys/types.h
   $i_systime sys/time.h
   $i_sysselct sys/select.h
   $d_socket sys/socket.h"
  : The first arg can be int, unsigned,
 or size_t
  : The last arg may or may not be 'const'
  val="
  : void pointer has been seen but using that
  : breaks the selectminbits test
  for xxx in 'fd_set *' 'int *'; do
   for nfd in 'int' 'size_t' 'unsigned long' 'unsigned' ; do
    for tmo in 'struct timeval *' 'const struct timeval *'; do
     case "$val" in
     ") try="$extern_C select _(($nfd, $xxx, $xxx, $xxx, $tmo));"
      if ./protochk "$try" $hdrs; then
       echo "Your system accepts $xxx."
       val="$xxx"
      fi
      ;;
     esac
    done
   done
  done
?X: In the unlikely event that none of those worked, prompt the user.
  case "$val" in
  ") rp='What is the type for the 2nd, 3rd, and 4th arguments to select?'
   case "$d_fd_set" in
    $define) dflt="fd_set *" ;;
    *)  dflt="int *" ;;
   esac
   . ./myread
   val=$ans
   ;;
  esac
  selecttype="$val"
  ;;
 *) : no select, so pick a harmless default
  selecttype='int *'
```

```
  ;;
 esac
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/selecttype.U
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* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_gai_strerror.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/stdio_streams.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_sanemcmp.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_casti32.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sbrksmart.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/ssizetype.U
*
 /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_neterrno.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/charsize.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/sbrksmart.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_builtin.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_keepsig.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/bitpbyte.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/sockopt.U
*
 /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_access.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/ptrsize.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/compline/doublesize.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_eofpipe.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_int64_t.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_access.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/gccvers.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/nullified/fpu.U
*
/opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_isascii.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_wcsxfrm.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/abortsig.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_sgndchr.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_c99_variadic.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/charsize.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_socklen_t.U
*
/opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/intsize.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_volatile.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/fpu.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/gidsign.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/uidsign.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/ebcdic.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sunscanf.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_snprintf.U
*
/opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/randbits.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/sizesize.U

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/alignbytes.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strctcpy.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/st_ino_def.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/doublesize.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_sigaction.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/bitpbyte.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Checkcc.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/fpossize.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/ssizetype.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_neterrno.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/gidsize.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/sunscanf.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_isascii.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/floatsize.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_vprintf.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_const.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_mmap.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/need_va_copy.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sockopt.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_attribut.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_volatile.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/ptrsize.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/modified/i_malloc.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_inttypes.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/floatsize.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/abortsig.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_scannl.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_dir_dd_fd.U
*
/opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_scannl.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/uidsize.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/selectminbits.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_open3.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_lc_monetary_2008.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_getpagsz.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_eofpipe.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_getpgrp.U
*
/opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_isblank.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_open3.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/byteorder.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_ldbl_dig.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_strtoul.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/alignbytes.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_wcscmp.U
*
/opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_dirfd.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/gccvers.U

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_keepsig.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_getpgrp.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_sgndchr.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_sanemcmp.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_casti32.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/startperl.U
*
/opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_u32align.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_accessx: Inlibc
?MAKE: -pick add $@ %<
?S:d_accessx:
?S: This variable conditionally defines the HAS_ACCESSX symbol, which
?S: indicates to the C program that the accessx() routine is available.
?S:.
?C:HAS_ACCESSX :
?C: This symbol, if defined, indicates that the accessx routine is
?C: available to do extended access checks.
?C:.
?H:#$d_accessx HAS_ACCESSX  /**/
?H:.
?LINT:set d_accessx
: see if accessx exists
set accessx d_accessx
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/acl/d_accessx.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_SHM_MAC.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_SHM_MAC.U,v $
?RCS: Revision 3.0  1993/08/18  12:05:41  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_SHM_MAC d_SHM_PRM d_SHM_SEG d_SHM_IMMU: cat d_shm test rm +cc +ccflags
?MAKE: -pick add $@ %<
?S:d_SHM_MAC:
?S: Sometimes, the SHMLBA manifest needs sys/sysmacros.h, usually for
?S: the ctob() macro.
?S:.
?S:d_SHM_PRM:
?S: Sometimes, the SHMLBA manifest needs sys/param.h, usually for the
?S: NBPC constant.
?S:.
?S:d_SHM_SEG:
?S: Sometimes,
 the SHMLBA manifest needs sys/seg.h, usually for the
?S: SNUMSHFT constant.
?S:.
?S:d_SHM_IMMU:
?S: Sometimes, the SHMLBA manifest needs sys/immu.h, usually for the
?S: stob() macro.
?S:.
?C:SHMLBA_WANTS_SYSMACROS:
?C: This value tells us to include <sys/sysmacros.h> because SHMLBA
?C: needs something from there, probably the ctob() macro.
?C:.
?C:SHMLBA_WANTS_PARAM:
?C: This value tells us to include <sys/param.h> because SHMLBA needs
?C: something from there, probably the NBPC constant.
?C:.
?C:SHMLBA_WANTS_SEG:
?C: This value tells us to include <sys/seg.h> because SHMLBA needs
?C: something from there, probably the SNUMSHFT constant.
?C:.
?C:SHMLBA_WANTS_IMMU:
?C: This value tells us to include <sys/immu.h> because SHMLBA needs
?C: something from there, probably the stob() macro.  (tower_600 only?)
?C:.
?H:#$d_SHM_MAC SHMLBA_WANTS_SYSMACROS /* SHMLBA wants ctob()? */
```

```
?H:#$d_SHM_PRM SHMLBA_WANTS_PARAM /* SHMLBA wants NBPC? */
?H:#$d_SHM_SEG SHMLBA_WANTS_SEG /* SHMLBA wants
 SNUMSHFT? */
?H:#$d_SHM_IMMU SHMLBA_WANTS_IMMU /* SHMLBA wants stob()? */
?H:.
?T:flags D_sys_immu D_sys_seg D_sys_sysmacros D_sys_param
: check for SHMLBA braindamage
d_SHM_MAC="$undef"
d_SHM_PRM="$undef"
d_SHM_SEG="$undef"
d_SHM_IMMU="$undef"
if $test "$d_shm" = "$define" ; then
 echo " "
 $cat >&4 <<EOM
Checking to see if SHMLBA needs additional headers.
The headers I'll be checking are:

   sys/macros.h (for the ctob() macro)
   sys/param.h  (for NBPC)
   sys/seg.h    (for SNUMSHFT)
   sys/immu.h  (for the stob() macro)

EOM
 $cat >shm_mac.c <<'EOCP'
#include <sys/types.h>
#include <sys/ipc.h>
#include <sys/shm.h>
#ifdef I_SYS_IMMU
#include <sys/immu.h>
#endif
#ifdef I_SYS_SYSMACROS
#include <sys/sysmacros.h>
#endif
#ifdef I_SYS_PARAM
#include <sys/param.h>
#endif
#ifdef I_SYS_SEG
#include <sys/seg.h>
#endif

int main() {
 int foo = SHMLBA ;
 }
EOCP
 flags='xxx'
 for D_sys_immu in " '-DI_SYS_IMMU'; do
 for D_sys_seg in " '-DI_SYS_SEG'; do
 for D_sys_sysmacros in " '-DI_SYS_SYSMACROS';
```

```
 do
 for D_sys_param in " '-DI_SYS_PARAM'; do
  case "$flags" in
  'xxx')
   case "$D_sys_immu$D_sys_param$D_sys_sysmacros$D_sys_seg" in
   ")
    echo "Trying it normally..."
    ;;
   *)
   echo "Trying $D_sys_immu $D_sys_param $D_sys_sysmacros $D_sys_seg"
   ;;
   esac
   if $cc $ccflags \
   $D_sys_immu $D_sys_param $D_sys_sysmacros $D_sys_seg \
   -o shm_mac shm_mac.c >/dev/null 2>&1 ; then
    set X $D_sys_immu $D_sys_param $D_sys_sysmacros $D_sys_seg
    shift
    flags="$*"
    echo "Succeeded with $flags"
   fi
   ;;
  esac
 done
 done
 done
 done
 case "$flags" in
 xxx)
  echo "I don't know how to keep SHMLBA happy.  Good luck!"
  ;;
 esac
 case "$flags" in
 *I_SYS_PARAM*) d_SHM_PRM="$define";;
 esac
 case "$flags" in
 *I_SYS_SYSMACROS*) d_SHM_MAC="$define";;
 esac
 case "$flags" in
 *I_SYS_SEG*) d_SHM_SEG="$define";;
 esac
 case "$flags" in
 *I_SYS_IMMU*) d_SHM_IMMU="$define";;
 esac
fi
$rm -f shm_mac*
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/dist/U/d_SHM_MAC.U
No license file was found, but licenses were detected in source scan.

```
?RCS: Copyright (c) 2017, Karl Williamson
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_mbrlen: Inlibc
?MAKE: -pick add $@ %<
?S:d_mbrlen:
?S: This variable conditionally defines the HAS_MBRLEN symbol if the
?S: mbrlen() routine is available to be used to get the length of
?S: multi-byte character strings.
?S:.
?C:HAS_MBRLEN:
?C: This symbol, if defined, indicates that the mbrlen routine is
?C: available to get the length of multi-byte character strings.
?C:.
?H:#$d_mbrlen HAS_MBRLEN /**/
?H:.
?LINT: set d_mbrlen
: see if mbrlen exists
set mbrlen d_mbrlen
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_mbrlen.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_tmpnam_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_tmpnam_r tmpnam_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads extern_C
?MAKE: -pick add $@ %<
?S:d_tmpnam_r:
?S: This variable conditionally defines the HAS_TMPNAM_R symbol,
?S: which indicates to the C program that the tmpnam_r()
```

```
?S: routine is available.
?S:.
?S:tmpnam_r_proto:
?S: This variable encodes the prototype of tmpnam_r.
?S: It is zero if d_tmpnam_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_tmpnam_r
?S: is defined.
?S:.
?C:HAS_TMPNAM_R:
?C: This symbol, if defined, indicates that the tmpnam_r routine
?C: is available to tmpnam re-entrantly.
?C:.
?C:TMPNAM_R_PROTO:
?C: This
 symbol encodes the prototype of tmpnam_r.
?C: It is zero if d_tmpnam_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_tmpnam_r
?C: is defined.
?C:.
?H:#$d_tmpnam_r HAS_TMPNAM_R /**/
?H:#define TMPNAM_R_PROTO $tmpnam_r_proto /**/
?H:.
?T:try hdrs d_tmpnam_r_proto
: see if tmpnam_r exists
set tmpnam_r d_tmpnam_r
eval $inlibc
case "$d_tmpnam_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h "
 case "$d_tmpnam_r_proto:$usethreads" in
 ":define") d_tmpnam_r_proto=define
  set d_tmpnam_r_proto tmpnam_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_tmpnam_r_proto" in
 define)
 case "$tmpnam_r_proto" in
 "|0) try='char* tmpnam_r(char*);'
 ./protochk "$extern_C $try" $hdrs && tmpnam_r_proto=B_B ;;
 esac
 case "$tmpnam_r_proto" in
 "|0) d_tmpnam_r=undef
  tmpnam_r_proto=0
  echo "Disabling tmpnam_r, cannot determine prototype." >&4 ;;
 * ) case "$tmpnam_r_proto" in
  REENTRANT_PROTO*) ;;
  *) tmpnam_r_proto="REENTRANT_PROTO_$tmpnam_r_proto"
```

```
 ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "tmpnam_r has no prototype, not using it." >&4 ;;
  esac
  d_tmpnam_r=undef
  tmpnam_r_proto=0
  ;;
 esac
 ;;
*) tmpnam_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_tmpnam_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_endnent.U,v 3.0 1993/08/18 12:06:09 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_endnent.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:09  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_endnent: Inlibc
?MAKE: -pick add $@ %<
?S:d_endnent:
?S: This variable conditionally defines HAS_ENDNETENT if endnetent() is
?S: available to close whatever was being used for network queries.
?S:.
?C:HAS_ENDNETENT:
?C: This symbol, if defined, indicates that the endnetent() routine is
?C: available to close whatever was being used for network
 queries.
?C:.
?H:#$d_endnent HAS_ENDNETENT  /**/
```

```
?H:.
?LINT:set d_endnent
: see if endnetent exists
set endnetent d_endnent
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_endnent.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_mktime.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_mktime.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:09:44  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_mktime: Inlibc
?MAKE: -pick add $@ %<
?S:d_mktime:
?S: This variable conditionally defines the HAS_MKTIME symbol, which
?S: indicates to the C program that the mktime() routine is available.
?S:.
?C:HAS_MKTIME :
?C: This symbol, if defined, indicates that the mktime routine
 is
?C: available.
?C:.
?H:#$d_mktime HAS_MKTIME  /**/
?H:.
?LINT:set d_mktime
: see if mktime exists
set mktime d_mktime
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_mktime.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_random_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_random_r random_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_stdlib extern_C
?MAKE: -pick add $@ %<
?S:d_random_r:
?S: This variable conditionally defines the HAS_RANDOM_R symbol,
?S: which indicates to the C program that the random_r()
?S: routine is available.
?S:.
?S:random_r_proto:
?S: This variable encodes the prototype of random_r.
?S: It is zero if d_random_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_random_r
?S: is defined.
?S:.
?C:HAS_RANDOM_R:
?C: This symbol, if defined, indicates that the random_r routine
?C: is available to random re-entrantly.
?C:.
?C:RANDOM_R_PROTO:
?C: This
 symbol encodes the prototype of random_r.
?C: It is zero if d_random_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_random_r
?C: is defined.
?C:.
?H:#$d_random_r HAS_RANDOM_R /**/
?H:#define RANDOM_R_PROTO $random_r_proto /**/
?H:.
?T:try hdrs d_random_r_proto
: see if random_r exists
set random_r d_random_r
eval $inlibc
case "$d_random_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_stdlib stdlib.h"
 case "$d_random_r_proto:$usethreads" in
 ":define") d_random_r_proto=define
  set d_random_r_proto random_r $hdrs
```

```
 eval $hasproto ;;
*) ;;
esac
case "$d_random_r_proto" in
define)
case "$random_r_proto" in
"|0) try='int random_r(int*, struct random_data*);'
./protochk "$extern_C $try" $hdrs && random_r_proto=I_iS ;;
esac
case "$random_r_proto" in
"|0) try='int random_r(long*, struct random_data*);'
./protochk "$extern_C $try" $hdrs && random_r_proto=I_lS ;;
esac
case "$random_r_proto" in
"|0)
try='int random_r(struct random_data*, int32_t*);'
./protochk "$extern_C $try" $hdrs && random_r_proto=I_St ;;
esac
case "$random_r_proto" in
"|0) d_random_r=undef
 random_r_proto=0
 echo "Disabling random_r, cannot determine prototype." >&4 ;;
* ) case "$random_r_proto" in
 REENTRANT_PROTO*) ;;
 *) random_r_proto="REENTRANT_PROTO_$random_r_proto" ;;
 esac
 echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
 define) echo "random_r has no prototype, not using it." >&4 ;;
 esac
 d_random_r=undef
 random_r_proto=0
 ;;
esac
;;
*) random_r_proto=0
;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_random_r.U
No license file was found, but licenses were detected in source scan.

?RCS: Id
?RCS:

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_flexfnam.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:04  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_flexfnam: cat rm test Setvar
?MAKE: -pick add $@ %<
?S:d_flexfnam:
?S: This variable conditionally defines the FLEXFILENAMES symbol, which
?S: indicates that the system supports filenames longer than 14 characters.
?S:.
?C:FLEXFILENAMES:
?C: This symbol, if defined, indicates that the system supports filenames
?C: longer than 14 characters.
?C:.
?H:#$d_flexfnam FLEXFILENAMES  /**/
?H:.
?T:first
 second
?LINT:set d_flexfnam
: see if we can have long filenames
echo " "
?X:
?X: We have to test in both /tmp and . because of NFS (remote server may allow
?X: long filenames while the local filesystem cannot support them). If at least
?X: one of those file systems cannot support long filenames, then we assume the
?X: whole system can't.
?X:
rmlist="$rmlist /tmp/cf$$"
$test -d /tmp/cf$$ || mkdir /tmp/cf$$
first=123456789abcdef
second=/tmp/cf$$/$first
$rm -f $first $second
if (echo hi >$first) 2>/dev/null; then
 if $test -f 123456789abcde; then
  echo 'You cannot have filenames longer than 14 characters.  Sigh.' >&4
  val="$undef"
 else
  if (echo hi >$second) 2>/dev/null; then
   if $test -f /tmp/cf$$/123456789abcde; then
    $cat <<'EOM'
```

```
That's peculiar... You can have filenames longer than 14 characters, but only
on some of the filesystems.  Maybe you are using NFS.  Anyway, to avoid problems
I shall consider your system cannot support long filenames at all.
EOM
    val="$undef"
   else
    echo
 'You can have filenames longer than 14 characters.' >&4
    val="$define"
   fi
  else
   $cat <<'EOM'
How confusing! Some of your filesystems are sane enough to allow filenames
longer than 14 characters but some others like /tmp can't even think about them.
So, for now on, I shall assume your kernel does not allow them at all.
EOM
   val="$undef"
  fi
 fi
else
 $cat <<'EOM'
You can't have filenames longer than 14 chars.  You can't even think about them!
EOM
 val="$undef"
fi
set d_flexfnam
eval $setvar
$rm -rf /tmp/cf$$ 123456789abcde*
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_flexfnam.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:siteman1dir siteman1direxp installsiteman1dir: Getfile \
 Setprefixvar prefix siteprefix man1dir sed
?MAKE: -pick add $@ %<
?Y:TOP
```

```
?D:siteman1dir="
?S:siteman1dir:
?S: This variable contains the name of the directory in which site-specific
?S: manual source pages are to be put.  It is the responsibility of the
?S: Makefile.SH to get the value of this into the proper command.
?S: You must be prepared to do the ~name expansion yourself.
?S: The standard distribution will put nothing in this directory.
?S: After perl
 has been installed, users may install their own local
?S: man1 pages in this directory with
?S:  MakeMaker Makefile.PL
?S: or equivalent.  See INSTALL for details.
?S:.
?D:siteman1direxp="
?S:siteman1direxp:
?S: This variable is the same as the siteman1dir variable, but is filename
?S: expanded at configuration time, for convenient use in makefiles.
?S:.
?D:installsiteman1dir="
?S:installsiteman1dir:
?S: This variable is really the same as siteman1direxp, unless you are using
?S: AFS in which case it points to the read/write location whereas
?S: man1direxp only points to the read-only access location. For extra
?S: portability, you should only use this variable within your makefiles.
?S:.
?LINT:change prefixvar
?LINT:set installsiteman1dir
?LINT:set siteman1dir
?LINT:set siteman1direxp
: determine where add-on manual pages go
case "$siteman1dir" in
") dflt=`echo $man1dir | $sed "s#^$prefix#$siteprefix#"` ;;
*) dflt=$siteman1dir ;;
esac
case "$dflt" in
"|' ') dflt=none ;;
esac
fn=dn+~
rp='Pathname
 where the site-specific manual pages should be installed?'
. ./getfile
prefixvar=siteman1dir
. ./setprefixvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/siteman1dir.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_mmap.U,v $
?RCS: Revision 3.0.1.1  1993/12/15  08:19:12  ram
?RCS: patch15: created
?RCS:
?MAKE:d_mmap: Inlibc
?MAKE: -pick add $@ %<
?S:d_mmap:
?S: This variable conditionally defines HAS_MMAP if mmap() is
?S: available to map a file into memory.
?S:.
?C:HAS_MMAP:
?C: This symbol, if defined, indicates that the mmap system call is
?C: available to map a file into memory.
?C:.
?H:#$d_mmap HAS_MMAP  /**/
?H:.
?LINT:set d_mmap
: see if mmap exists
set mmap d_mmap
eval $inlibc
```

Found in path(s):
*
/opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_mmap.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: dlsrc.U,v$
?RCS:
?RCS: Copyright (c) 1996-1998, Andy Dougherty
?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: dlsrc.U,v $
?RCS:
```

```
?X:  hpux support thanks to Jeff Okamoto <okamoto@hpcc101.corp.hp.com>
?X:
?X:  To create a shared library, you must compile ALL source files in the
?X:  library with +z (or possibly +Z if the library is whopping huge),
?X:  then link the library with -b.  Example:
?X:   cc -c +z module_a.c
?X:   cc -c +z module_b.c
?X:   ld -b module_a.o module_b.o -o module.sl
?X:
?MAKE:usedl ld dlsrc cccdlflags lddlflags ccdlflags bin_ELF ld_can_script: \
 rm_try Getfile Myread test osname sed d_dlopen Findhdr Setvar \
 src run cc ccflags ldflags optimize ls gccversion cat rsrc i_stdlib \
 i_unistd osvers sysroot
?MAKE: -pick add $@ %<
?Y:BOTTOM
?S:usedl:
?S: This variable
 indicates if the system supports dynamic
?S: loading of some sort.  See also dlsrc and dlobj.
?S:.
?S:ld:
?S: This variable indicates the program to be used to link
?S: libraries for dynamic loading.  On some systems, it is 'ld'.
?S: On ELF systems, it should be $cc.  Mostly, we'll try to respect
?S: the hint file setting.
?S:.
?S:dlsrc:
?S: This variable contains the name of the dynamic loading file that
?S: will be used with the package.
?S:.
?S:cccdlflags:
?S: This variable contains any special flags that might need to be
?S: passed with 'cc -c' to compile modules to be used to create a shared
?S: library that will be used for dynamic loading.  For hpux, this
?S: should be +z.  It is up to the makefile to use it.
?S:.
?S:lddlflags:
?S: This variable contains any special flags that might need to be
?S: passed to $ld to create a shared library suitable for dynamic
?S: loading.  It is up to the makefile to use it.  For hpux, it
?S: should be '-b'.  For sunos 4.1, it is empty.
?S:.
?S:ccdlflags:
?S: This
 variable contains any special flags that might need to be
?S: passed to cc to link with a shared library for dynamic loading.
?S: It is up to the makefile to use it.  For sunos 4.1, it should
?S: be empty.
```

```
?S:.
?S:bin_ELF:
?S: This variable saves the result from configure if generated binaries
?S: are in ELF format. Only set to defined when the test has actually
?S: been performed, and the result was positive.
?S:.
?S:ld_can_script:
?S: This variable shows if the loader accepts scripts in the form of
?S: -Wl,--version-script=ld.script. This is currently only supported
?S: for GNU ld on ELF in dynamic loading builds.
?S:.
?C:USE_DYNAMIC_LOADING ~ %<:
?C: This symbol, if defined, indicates that dynamic loading of
?C: some sort is available.
?C:.
?H:?%<:#$usedl USE_DYNAMIC_LOADING  /**/
?H:.
?W:%<:dlopen
?T:dldir thisflag tdir
?F:!a.out
: determine which dynamic loading, if any, to compile in
echo " "
dldir="ext/DynaLoader"
case "$usedl" in
   $define|y|true)
 dflt='y'
 usedl="$define"
 ;;
    $undef|n|false)
 dflt='n'
 usedl="$undef"
 ;;
   *)
 dflt='n'
 case "$d_dlopen" in
     $define) dflt='y' ;;
 esac
 : Does a dl_xxx.xs file exist for this operating system
 $test -f $rsrc/$dldir/dl_${osname}.xs && dflt='y'
 ;;
esac
rp="Do you wish to use dynamic loading?"
. ./myread
usedl="$ans"
bin_ELF="$undef"
case "$ans" in
   y*) usedl="$define"
 case "$dlsrc" in
```

```
    ") if $test -f $rsrc/$dldir/dl_${osname}.xs ; then
     dflt="$dldir/dl_${osname}.xs"
 elif $test "$d_dlopen" = "$define" ; then
     dflt="$dldir/dl_dlopen.xs"
 else
     dflt="
 fi
 ;;
    *)  dflt="$dldir/$dlsrc"
 ;;
esac
echo "The following dynamic loading files are available:"
: Can not go over to $dldir because getfile has path hard-coded in.
tdir=`pwd`; cd "$rsrc"; $ls -C $dldir/dl*.xs; cd "$tdir"
rp="Source file to use for dynamic loading"
fn="fne"
gfpth="$src"
. ./getfile
usedl="$define"
: emulate basename
dlsrc=`echo $ans | $sed -e 's%.*/\([^/]*\)$%\1%'`

$cat
<< EOM

Some systems may require passing special flags to $cc -c to
compile modules that will be used to create a shared library.
To use no flags, say "none".

EOM
 case "$cccdlflags" in
    ") case "$gccversion" in
  ") case "$osname" in
  hpux) dflt='+z' ;;
  irix*) dflt='-KPIC' ;;
  svr4*|esix*|solaris|nonstopux) dflt='-KPIC' ;;
  sunos) dflt='-pic' ;;
  *) dflt='none' ;;
     esac
     ;;
 *)  case "$osname" in
  darwin) dflt='none' ;;
  *linux*|svr4*|esix*|solaris|nonstopux) dflt='-fPIC' ;;
  *) dflt='-fpic' ;;
     esac ;;
  esac ;;
    ' ') dflt='none' ;;
    *)   dflt="$cccdlflags" ;;
```

```
esac

case "$dflt" in
    none) dflt=" ;;
esac

# If -Dsysroot was specified, now's the time to add it
# to cccdlflags
if test "X$sysroot" != X; then
    case "$gccversion" in
 ") ;;
 *)  case "$dflt" in
  *sysroot*) ;;
  'undef'|*)
      dflt="$dflt --sysroot=$sysroot" ;;
     esac
     ;;
    esac
fi

case "$dflt" in
    ") dflt='none';;
esac

rp="Any
special flags to pass to $cc -c to compile shared library modules?"
. ./myread
case "$ans" in
?X: Use ' ' so that a subsequent Configure run preserves the old state.
    none) cccdlflags=' ' ;;
    *)    cccdlflags="$ans" ;;
esac

cat << EOM

Some systems use ld to create libraries that can be dynamically loaded,
while other systems (such as those using ELF) use $cc.

EOM

: Determine if this is ELF
 $cat >try.c <<EOM
/* Test for whether ELF binaries are produced */
#include <fcntl.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
```

```
#$i_unistd I_UNISTD
#ifdef I_UNISTD
#include <unistd.h>
#endif
int main() {
   char b[4];
   int i = open("a.out",O_RDONLY);
   if(i == -1)
 exit(1); /* fail */
   if(read(i,b,4)==4 && b[0]==127 && b[1]=='E' && b[2]=='L' && b[3]=='F')
 exit(0); /* succeed (yes, it is ELF) */
   exit(1); /* fail */
}
EOM
 if $cc $ccflags $ldflags -o a.out try.c >/dev/null 2>&1 && $run ./a.out; then
     bin_ELF="$define"
 fi
 $rm_try

 case "$ld" in

    ") if $test $bin_ELF = "$define"; then
      cat <<EOM
You appear to have ELF support.  I'll use $cc to build dynamic libraries.
EOM
      dflt="$cc"
  else
      echo "I'll use ld to build dynamic libraries."
      dflt='ld'
  fi
  ;;
     *)  dflt="$ld"
  ;;
 esac

 rp="What command should be used to create dynamic libraries?"
 . ./myread
 ld="$ans"

 cat << EOM

Some systems may require passing special flags to $ld to create a
library that can be dynamically loaded.  If your ld flags include
-L/other/path options to locate libraries outside your loader's normal
search path, you may need to specify those -L options here as well.  To
use no flags, say "none".

EOM
```

```
case "$lddlflags" in
    ") case "$osname" in
     haiku) dflt='-shared' ;;
     hpux) dflt='-b';
    case "$gccversion" in
        ") dflt="$dflt +vnocompatwarnings" ;;
    esac
    ;;
     *linux*|irix*|gnu*)  dflt="-shared $optimize" ;;
     solaris) # See [perl #66604].
      # On Solaris 11, gcc -m64
on amd64
      # appears not to understand -G.  gcc versions at
      # least as old as 3.4.3 support -shared, so just
      # use that with Solaris 11 and later, but keep
      # the old behavior for older Solaris versions.
      case "$gccversion" in
   ") dflt='-G' ;;
   *)  case "$osvers" in
    2.?|2.10) dflt='-G' ;;
    *) dflt='-shared' ;;
       esac
       ;;
      esac
      ;;
     sunos) dflt='-assert nodefinitions' ;;
     svr4*|esix*|nonstopux) dflt="-G $ldflags" ;;
     *)     dflt='none' ;;
 esac
 ;;
    *) dflt="$lddlflags" ;;
esac

: Only do this for gcc, since, for example, qcc has no concept
: of --sysroot.
if $test "X$sysroot" != X; then
    case "$gccversion" in
 ") ;;
 *)  dflt="$dflt --sysroot $sysroot" ;;
    esac
fi

: Try to guess additional flags to pick up local libraries.
: Be careful not to append to a plain 'none'
case "$dflt" in
    none) dflt=" ;;
esac
for thisflag in $ldflags; do
```

```
    case "$thisflag" in
 -L*|-R*|-Wl,-R*)

   case " $dflt " in
  *" $thisflag "*) ;;
  *) dflt="$dflt $thisflag" ;;
     esac
     ;;
    esac
done

case "$dflt" in
    "|' ') dflt='none' ;;
esac

case "$ldflags" in
    *-fstack-protector-strong*)
 case "$dflt" in
     *-fstack-protector-strong*) ;; # Don't add it again
     *) dflt="$dflt -fstack-protector-strong" ;;
 esac
 ;;
    *-fstack-protector*)
 case "$dflt" in
     *-fstack-protector*) ;; # Don't add it again
     *) dflt="$dflt -fstack-protector" ;;
 esac
 ;;
esac

rp="Any special flags to pass to $ld to create a dynamically loaded library?"
. ./myread
case "$ans" in
?X: Use ' ' so that a subsequent Configure run preserves the old state.
    none) lddlflags=' ' ;;
    *) lddlflags="$ans" ;;
esac

cat <<EOM

Some systems may require passing special flags to $cc to indicate that
the resulting executable will use dynamic linking.  To use no flags,
say "none".

EOM
 case "$ccdlflags" in
    ") case "$osname" in
     *linux*|hpux|gnu*)
```

```
 dflt='-Wl,-E' ;;
      sunos)            dflt='none'   ;;
      *)                dflt='none'   ;;
  esac ;;
     ' ') dflt='none' ;;
     *)   dflt="$ccdlflags" ;;
 esac
 rp="Any special flags to pass to $cc to use dynamic linking?"
 . ./myread
 case "$ans" in
?X: Use ' ' so that a subsequent Configure run preserves the old state.
     none) ccdlflags=' ' ;;
     *)    ccdlflags="$ans" ;;
 esac
 ;;
?X: End of usedl=y section

   *)  usedl="$undef"
 ld='ld'
 dlsrc='dl_none.xs'
 lddlflags=''
 ccdlflags=''
 ;;
esac

ld_can_script="$undef"
case "$bin_ELF$usedl" in
   $define$define)
 # Abuse try.h and a.out names for neat cleanup
 $cat >try.c <<EOM
void foo() {}
void bar() {}
EOM
 $cat >try.h <<EOM
LIBTEST_42 {
global:
 foo;
local: *;
};
EOM
 if $cc $cccdlflags $ccdlflags $ccflags \
        $ldflags $lddlflags -o a.out try.c \
        -Wl,--version-script=try.h >/dev/null 2>&1 \
    &&  $test -s a.out ; then
     echo "ld supports scripting" >&4
     ld_can_script="$define"
 else
```

```
    echo "ld does not support scripting" >&4
 fi
 $rm_try
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/dlsrc.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_statvfs d_fstatvfs: Inlibc
?MAKE: -pick add $@ %<
?S:d_statvfs:
?S: This variable conditionally defines the HAS_STATVFS symbol, which
?S: indicates to the C program that the statvfs() routine is available.
?S:.
?S:d_fstatvfs:
?S: This variable conditionally defines the HAS_FSTATVFS symbol, which
?S: indicates to the C program that the fstatvfs() routine is available.
?S:.
?C:HAS_STATVFS:
?C: This symbol, if defined, indicates that the statvfs routine is
?C: available to stat filesystems by filenames.
?C:.
?C:HAS_FSTATVFS:
?C: This symbol, if defined, indicates that the fstatvfs routine is
?C: available to stat filesystems by file descriptors.
?C:.
?H:#$d_statvfs HAS_STATVFS  /**/
?H:#$d_fstatvfs
 HAS_FSTATVFS  /**/
?H:.
?LINT:set d_statvfs
?LINT:set d_fstatvfs
: see if statvfs exists
set statvfs d_statvfs
eval $inlibc

: see if fstatvfs exists
set fstatvfs d_fstatvfs
```

```
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_statvfs.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_float.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: i_float.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:21:57  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:i_float: Inhdr
?MAKE: -pick add $@ %<
?S:i_float:
?S: This variable conditionally defines the I_FLOAT symbol, and indicates
?S: whether a C program may include <float.h> to get symbols like DBL_MAX
?S: or DBL_MIN, i.e. machine dependent floating point values.
?S:.
?C:I_FLOAT:
?C: This
 symbol, if defined, indicates to the C program that it should
?C: include <float.h> to get definition of symbols like DBL_MAX or
?C: DBL_MIN, i.e. machine dependent floating point values.
?C:.
?H:#$i_float I_FLOAT  /**/
?H:.
?LINT:set i_float
: see if this is a float.h system
set float.h i_float
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_float.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_sbrk.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_sbrk.U,v $
?RCS: Revision 3.0.1.1  1994/01/24  14:06:31  ram
?RCS: patch16: created
?RCS:
?MAKE:d_sbrk: Inlibc
?MAKE: -pick add $@ %<
?S:d_sbrk:
?S: This variable conditionally defines HAS_SBRK if sbrk() is
?S: available to add more core to the process.
?S:.
?C:HAS_SBRK:
?C: This symbol, if defined, indicates that the sbrk system call is
?C: available to add/relase core. Always true on Unix.
?C:.
?H:#$d_sbrk HAS_SBRK /**/
?H:.
?LINT:set d_sbrk
: see
 if sbrk exists
set sbrk d_sbrk
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_sbrk.U
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_class: Inlibc
?MAKE: -pick add $@ %<
?S:d_class:
?S: This variable conditionally defines the HAS_CLASS symbol, which
```

```
?S: indicates to the C program that the class() routine is available.
?S:.
?C:HAS_CLASS:
?C: This symbol, if defined, indicates that the class routine is
?C: available to classify doubles.  Available for example in AIX.
?C: The returned values are defined in <float.h> and are:
?C:
?C: FP_PLUS_NORM Positive normalized, nonzero
?C: FP_MINUS_NORM Negative normalized, nonzero
?C: FP_PLUS_DENORM Positive denormalized, nonzero
?C: FP_MINUS_DENORM Negative denormalized, nonzero
?C: FP_PLUS_ZERO +0.0
?C: FP_MINUS_ZERO -0.0
?C: FP_PLUS_INF +INF
?C: FP_MINUS_INF -INF
?C: FP_NANS  Signaling
 Not a Number (NaNS)
?C: FP_NANQ  Quiet Not a Number (NaNQ)
?C:.
?H:#$d_class HAS_CLASS  /**/
?H:.
?LINT:set d_class
: see if class exists
set class d_class
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_class.U
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```
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_backtrace.U,v $
?RCS:
?MAKE:d_backtrace: Inlibc
?MAKE: -pick add $@ %<
?S:d_backtrace:
?S: This variable conditionally defines the HAS_BACKTRACE symbol, which
?S: indicates to the C program that the backtrace() routine is available
```

```
?S: to get a stack trace.
?S:.
?C:HAS_BACKTRACE:
?C: This symbol, if defined, indicates that the backtrace() routine is
?C: available to get a stack trace.  The <execinfo.h> header must be
?C: included to use this routine.
?C:.
?H:#$d_backtrace HAS_BACKTRACE /**/
?H:.
?LINT:set d_backtrace
:
 see if backtrace exists
set backtrace d_backtrace
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_backtrace.U
No license file was found, but licenses were detected in source scan.

```
?RCS: Copyright (c) 2017, Lukas Mai
?RCS:
?RCS: You may distribute this file under the terms of either
?RCS:     a) the "Artistic License" which comes with Perl, or
?RCS:     b) the "Artistic License" which comes with dist, or
?RCS:     c) the GNU General Public License as published by the Free
?RCS:     Software Foundation; either version 1, or (at your option) any
?RCS:     later version (see the file "Copying" that comes with the
?RCS:     Perl distribution).
?RCS: Which one to use is your choice.
?RCS: See the U/README file.
?MAKE:d_builtin_add_overflow d_builtin_sub_overflow d_builtin_mul_overflow : Compile Setvar cat run rm_try
?MAKE: -pick add $@ %<
?S:d_builtin_add_overflow:
?S: This variable conditionally defines HAS_BUILTIN_ADD_OVERFLOW, which
?S: indicates that the compiler supports __builtin_add_overflow(x,y,&z)
?S: for safely adding x and y into z while checking for overflow.
?S:.
?S:d_builtin_sub_overflow:
?S: This
 variable conditionally defines HAS_BUILTIN_SUB_OVERFLOW, which
?S: indicates that the compiler supports __builtin_sub_overflow(x,y,&z)
?S: for safely subtracting y from x into z while checking for overflow.
?S:.
?S:d_builtin_mul_overflow:
?S: This variable conditionally defines HAS_BUILTIN_MUL_OVERFLOW, which
?S: indicates that the compiler supports __builtin_mul_overflow(x,y,&z)
?S: for safely multiplying x and y into z while checking for overflow.
```

```
?S:.
?C:HAS_BUILTIN_ADD_OVERFLOW:
?C: This symbol, if defined, indicates that the compiler supports
?C: __builtin_add_overflow for adding integers with overflow checks.
?C:.
?C:HAS_BUILTIN_SUB_OVERFLOW:
?C: This symbol, if defined, indicates that the compiler supports
?C: __builtin_sub_overflow for subtracting integers with overflow checks.
?C:.
?C:HAS_BUILTIN_MUL_OVERFLOW:
?C: This symbol, if defined, indicates that the compiler supports
?C: __builtin_mul_overflow for multiplying integers with overflow checks.
?C:.
?H:#$d_builtin_add_overflow
 HAS_BUILTIN_ADD_OVERFLOW /**/
?H:#$d_builtin_sub_overflow HAS_BUILTIN_SUB_OVERFLOW /**/
?H:#$d_builtin_mul_overflow HAS_BUILTIN_MUL_OVERFLOW /**/
?H:.
?F:!try
?LINT:set d_builtin_add_overflow d_builtin_sub_overflow d_builtin_mul_overflow
: Look for GCC-style __builtin_add_overflow
case "$d_builtin_add_overflow" in
")
  echo " "
  echo "Checking whether your compiler can handle __builtin_add_overflow ..." >&4
  $cat >try.c <<'EOCP'
int main(void) {
  const unsigned int uint_max = ~0u;
  int target_int = 0;
  if (__builtin_add_overflow(1, 2, &target_int) || target_int != 3) {
     return 1;
  }
  if (!__builtin_add_overflow((int)(uint_max >> 1), 1, &target_int)) {
     return 1;
  }
  if (!__builtin_add_overflow(uint_max, -1, &target_int)) {
     return 1;
  }
  return 0;
}
EOCP
  set try
  if eval $compile && $run ./try; then
     echo "Your C compiler supports __builtin_add_overflow."
     val="$define"
  else
     echo
```

```
 "Your C compiler doesn't seem to understand __builtin_add_overflow."
      val="$undef"
   fi
   ;;
*) val="$d_builtin_add_overflow" ;;
esac

set d_builtin_add_overflow
eval $setvar
$rm_try

: Look for GCC-style __builtin_sub_overflow
case "$d_builtin_sub_overflow" in
")
   echo " "
   echo "Checking whether your compiler can handle __builtin_sub_overflow ..." >&4
   $cat >try.c <<'EOCP'
int main(void) {
   const unsigned int uint_max = ~0u;
   int target_int = 0;
   if (__builtin_sub_overflow(1, -2, &target_int) || target_int != 3) {
      return 1;
   }
   if (!__builtin_sub_overflow(-(int)(uint_max >> 1), 2, &target_int)) {
      return 1;
   }
   if (!__builtin_sub_overflow(uint_max, 1, &target_int)) {
      return 1;
   }
   return 0;
}
EOCP
   set try
   if eval $compile && $run ./try; then
      echo "Your C compiler supports __builtin_sub_overflow."
      val="$define"
   else
      echo "Your C compiler doesn't seem to understand __builtin_sub_overflow."
       val="$undef"
   fi
   ;;
*) val="$d_builtin_sub_overflow" ;;
esac

set d_builtin_sub_overflow
eval $setvar
$rm_try
```

```
: Look for GCC-style __builtin_mul_overflow
case "$d_builtin_mul_overflow" in
")
  echo " "
  echo "Checking whether your compiler can handle __builtin_mul_overflow ..." >&4
  $cat >try.c <<'EOCP'
int main(void) {
  const unsigned int uint_max = ~0u;
  int target_int = 0;
  if (__builtin_mul_overflow(2, 3, &target_int) || target_int != 6) {
     return 1;
  }
  if (!__builtin_mul_overflow((int)(uint_max >> 1), 2, &target_int)) {
     return 1;
  }
  if (!__builtin_mul_overflow(uint_max, 1, &target_int)) {
     return 1;
  }
  return 0;
}
EOCP
  set try
  if eval $compile && $run ./try; then
     echo "Your C compiler supports __builtin_mul_overflow."
     val="$define"
  else
     echo "Your C compiler doesn't seem to understand __builtin_mul_overflow."
     val="$undef"
  fi
  ;;
*) val="$d_builtin_mul_overflow"
 ;;
esac

set d_builtin_mul_overflow
eval $setvar
$rm_try
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_builtin_overflow.U
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```
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```

```
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_localeconv_l: Inlibc
?MAKE: -pick add $@ %<
?S:d_localeconv_l:
?S: This variable conditionally defines the HAS_LOCALECONV_L symbol, which
?S: indicates to the C program that the localeconv_l() routine is available.
?S:.
?C:HAS_LOCALECONV_L:
?C: This symbol, if defined, indicates that the localeconv_l routine is
?C: available to query certain information about a locale.
?C:.
?H:#$d_localeconv_l HAS_LOCALECONV_L  /**/
?H:.
?LINT:set d_localeconv_l
: see if localeconv_l exists
set localeconv_l d_localeconv_l
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_localeconv_l.U
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```
?RCS: $Id: ipc.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: ipc.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:53  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:ipc serve_shm serve_msg serve_inet_udp serve_inet_tcp serve_unix_udp \
 serve_unix_tcp: test Myread Oldconfig d_socket d_msg d_shm d_sem
?MAKE: -pick add $@ %<
?LINT:use d_msg d_sem
?S:ipc:
?S: This variable holds the type of IPC service we'll be using.  Values
?S: include "ip", "shm", "msg", "cms" and "os9".  We don't worry about
?S: cms or os9
 here, because Configure doesn't run in those places--HMS.
?S:.
```

```
?S:serve_shm:
?S: This variable controls the definition of SERVE_SHM, which tells the
?S: C program to use USG shared memory for IPC.
?S:.
?S:serve_msg:
?S: This variable controls the definition of SERVE_MSG, which tells the
?S: C program to use USG message queues for IPC.
?S:.
?S:serve_inet_udp:
?S: This variable controls the definition of SERVE_INET_UDP, which tells
?S: the C program to enable InterNet-domain UDP support for IPC.
?S:.
?S:serve_inet_tcp:
?S: This variable controls the definition of SERVE_INET_TCP, which tells
?S: the C program to enable InterNet-domain TCP support for IPC.
?S:.
?S:serve_unix_udp:
?S: This variable controls the definition of SERVE_UNIX_UDP, which tells
?S: the C program to enable Unix-domain UDP support for IPC.
?S:.
?S:serve_unix_tcp:
?S: This variable controls the definition of SERVE_UNIX_TCP, which tells
?S: the C program to enable Unix-domain TCP support for IPC.
?S:.
?C:SERVE_SHM:
?C: If
 defined, tells the C program to use USG shared memory for IPC.
?C:.
?C:SERVE_MSG:
?C: If defined, tells the C program to use USG message queues for IPC.
?C:.
?C:SERVE_INET_UDP:
?C: If defined, tells the C program to enable InterNet-domain UDP
?C: support for IPC.
?C:.
?C:SERVE_INET_TCP:
?C: If defined, tells the C program to enable InterNet-domain TCP
?C: support for IPC.
?C:.
?C:SERVE_UNIX_UDP:
?C: If defined, tells the C program to enable Unix-domain UDP
?C: support for IPC.
?C:.
?C:SERVE_UNIX_TCP:
?C: If defined, tells the C program to enable Unix-domain TCP
?C: support for IPC.
?C:.
?H:#$serve_shm SERVE_SHM /**/
```

```
?H:#$serve_msg SERVE_MSG /**/
?H:#$serve_inet_udp SERVE_INET_UDP /**/
?H:#$serve_inet_tcp SERVE_INET_TCP /**/
?H:#$serve_unix_udp SERVE_UNIX_UDP /**/
?H:#$serve_unix_tcp SERVE_UNIX_TCP /**/
?H:.
?X: FIXME -- RAM
?INIT:serve_shm=''
?INIT:serve_msg="$undef"
?INIT:serve_inet_udp=''
?INIT:serve_inet_tcp=''
?INIT:serve_unix_udp=''
?INIT:serve_unix_tcp=''
: get IPC mechanism
echo
 " "
ipc=''
while $test -z "$ipc"
do
 if $test "$ipc" != "shm" -a "$d_socket" = "$define"; then
  ipc=''
  if $test "$serve_inet_udp" = "$undef"; then
   dflt=n
  else
   dflt=y
  fi
  rp='Provide InterNet-domain UDP service?'
  . ./myread
  dflt=''
  case "$ans" in
  n*) serve_inet_udp="$undef";;
  *)
   serve_inet_udp="$define"
   ipc='ip'
   ;;
  esac

  if $test "$serve_inet_tcp" = "$define"; then
   dflt=y
  else
   dflt=n
  fi
  rp='Provide InterNet-domain TCP service?'
  . ./myread
  dflt=''
  case "$ans" in
  n*) serve_inet_tcp="$undef";;
  *)
```

```
  serve_inet_tcp="$define"
  ipc='ip'
  ;;
 esac

 if $test "$serve_unix_udp" = "$define"; then
  dflt=y
 else
  dflt=n
 fi
 rp='Provide Unix-domain UDP service?'
 . ./myread
 dflt=''
 case "$ans" in
 n*) serve_unix_udp="$undef";;
 *)
  serve_unix_udp="$define"
  ipc='ip'
  ;;
 esac

 if $test "$serve_unix_tcp" = "$define"; then
  dflt=y
 else
  dflt=n
 fi
 rp='Provide Unix-domain TCP service?'
 . ./myread
 dflt=''
 case
"$ans" in
 n*) serve_unix_tcp="$undef";;
 *)
  serve_unix_tcp="$define"
  ipc='ip'
  ;;
 esac
else
 serve_inet_udp="$undef"
 serve_inet_tcp="$undef"
 serve_unix_udp="$undef"
 serve_unix_tcp="$undef"
fi
if $test "$ipc" != "ip" -a "$d_shm" = "$define"; then
 echo "Providing USG shared memory IPC support." >&4
 serve_shm="$define"
 ipc='shm'
else
```

```
  serve_shm="$undef"
 fi
 if $test -z "$ipc"; then
  echo "You must select an IPC mechanism." >&4
 fi
done
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/ipc.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
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?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_ilogbl: Inlibc
?MAKE: -pick add $@ %<
?S:d_ilogbl:
?S: This variable conditionally defines the HAS_ILOGBL symbol, which
?S: indicates to the C program that the ilogbl() routine is available
?S: for extracting the exponent of long double x as a signed integer.
?S: If scalbnl is also present we can emulate frexpl.
?S:.
?C:HAS_ILOGBL:
?C: This symbol, if defined, indicates that the ilogbl routine is
?C: available.  If scalbnl is also present we can emulate frexpl.
?C:.
?H:#$d_ilogbl HAS_ILOGBL  /**/
?H:.
?LINT:set d_ilogbl
: see if ilogbl exists
set ilogbl d_ilogbl
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_ilogbl.U
No license file was found, but licenses were detected in source scan.

```
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```

```
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:sitehtml3dir sitehtml3direxp installsitehtml3dir: Getfile \
 Setprefixvar prefix siteprefix html3dir sed
?MAKE: -pick add $@ %<
?Y:TOP
?D:sitehtml3dir=''
?S:sitehtml3dir:
?S: This variable contains the name of the directory in which site-specific
?S: library html source pages are to be put.  It is the responsibility of the
?S: Makefile.SH to get the value of this into the proper command.
?S: You must be prepared to do the ~name expansion yourself.
?S: The standard distribution will put nothing in this directory.
?S: After
 perl has been installed, users may install their own local
?S: library html pages in this directory with
?S:  MakeMaker Makefile.PL
?S: or equivalent.  See INSTALL for details.
?S:.
?D:sitehtml3direxp=''
?S:sitehtml3direxp:
?S: This variable is the same as the sitehtml3dir variable, but is filename
?S: expanded at configuration time, for convenient use in makefiles.
?S:.
?D:installsitehtml3dir=''
?S:installsitehtml3dir:
?S: This variable is really the same as sitehtml3direxp, unless you are using
?S: AFS in which case it points to the read/write location whereas
?S: html3direxp only points to the read-only access location. For extra
?S: portability, you should only use this variable within your makefiles.
?S:.
?LINT:change prefixvar
?LINT:set installsitehtml3dir
?LINT:set sitehtml3dir
?LINT:set sitehtml3direxp
: determine where add-on library html pages go
: There is no standard location, so try to copy the previously-selected
: directory structure for the core html pages.
case
 "$sitehtml3dir" in
'')    dflt=`echo "$html3dir" | $sed "s#^$prefix#$siteprefix#"` ;;
*)     dflt=$sitehtml3dir ;;
esac
case "$dflt" in
"|' ') dflt=none ;;
```

```
esac
fn=dn+~
rp='Pathname where the site-specific library html pages should be installed?'
. ./getfile
prefixvar=sitehtml3dir
. ./setprefixvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/sitehtml3dir.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getnetent_r.U,v 0RCS:
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?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_getnetent_r getnetent_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_getnetent_r:
?S: This variable conditionally defines the HAS_GETNETENT_R symbol,
?S: which indicates to the C program that the getnetent_r()
?S: routine is available.
?S:.
?S:getnetent_r_proto:
?S: This variable encodes the prototype of getnetent_r.
?S: It is zero if d_getnetent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getnetent_r
?S: is defined.
?S:.
?C:HAS_GETNETENT_R:
?C: This symbol, if defined, indicates that the getnetent_r routine
?C: is
 available to getnetent re-entrantly.
?C:.
?C:GETNETENT_R_PROTO:
?C: This symbol encodes the prototype of getnetent_r.
?C: It is zero if d_getnetent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getnetent_r
?C: is defined.
?C:.
?H:#$d_getnetent_r HAS_GETNETENT_R /**/
?H:#define GETNETENT_R_PROTO $getnetent_r_proto /**/
?H:.
```

```
?T:try hdrs d_getnetent_r_proto
: see if getnetent_r exists
set getnetent_r d_getnetent_r
eval $inlibc
case "$d_getnetent_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
 case "$d_getnetent_r_proto:$usethreads" in
 ":define") d_getnetent_r_proto=define
  set d_getnetent_r_proto getnetent_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_getnetent_r_proto" in
 define)
 case "$getnetent_r_proto" in
 "|0) try='int getnetent_r(struct netent*, char*, size_t, struct netent**, int*);'
 ./protochk "$extern_C $try" $hdrs && getnetent_r_proto=I_SBWRE ;;
 esac
 case "$getnetent_r_proto" in
 "|0) try='int getnetent_r(struct
 netent*, char*, int, int*);'
 ./protochk "$extern_C $try" $hdrs && getnetent_r_proto=I_SBIE ;;
 esac
 case "$getnetent_r_proto" in
 "|0) try='struct netent* getnetent_r(struct netent*, char*, int, int*);'
 ./protochk "$extern_C $try" $hdrs && getnetent_r_proto=S_SBIE ;;
 esac
 case "$getnetent_r_proto" in
 "|0) try='struct netent* getnetent_r(struct netent*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getnetent_r_proto=S_SBI ;;
 esac
 case "$getnetent_r_proto" in
 "|0) try='int getnetent_r(struct netent*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getnetent_r_proto=I_SBI ;;
 esac
 case "$getnetent_r_proto" in
 "|0) try='int getnetent_r(struct netent*, struct netent_data*);'
 ./protochk "$extern_C $try" $hdrs && getnetent_r_proto=I_SD ;;
 esac
 case "$getnetent_r_proto" in
 "|0) d_getnetent_r=undef
  getnetent_r_proto=0
  echo "Disabling getnetent_r, cannot determine prototype." >&4 ;;
 * ) case "$getnetent_r_proto" in
  REENTRANT_PROTO*) ;;
  *) getnetent_r_proto="REENTRANT_PROTO_$getnetent_r_proto"
```

```
 ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "getnetent_r has no prototype, not using it." >&4 ;;
  esac
  d_getnetent_r=undef
  getnetent_r_proto=0
  ;;
 esac
 ;;
*) getnetent_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getnetent_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_srandom_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_srandom_r srandom_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_stdlib extern_C
?MAKE: -pick add $@ %<
?S:d_srandom_r:
?S: This variable conditionally defines the HAS_SRANDOM_R symbol,
?S: which indicates to the C program that the srandom_r()
?S: routine is available.
?S:.
?S:srandom_r_proto:
?S: This variable encodes the prototype of srandom_r.
?S: It is zero if d_srandom_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_srandom_r
?S: is defined.
?S:.
?C:HAS_SRANDOM_R:
?C: This symbol, if defined, indicates that the srandom_r routine
?C: is available to srandom re-entrantly.
?C:.
```

```
?C:SRANDOM_R_PROTO:
?C: This
 symbol encodes the prototype of srandom_r.
?C: It is zero if d_srandom_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_srandom_r
?C: is defined.
?C:.
?H:#$d_srandom_r HAS_SRANDOM_R /**/
?H:#define SRANDOM_R_PROTO $srandom_r_proto /**/
?H:.
?T:try hdrs d_srandom_r_proto
: see if srandom_r exists
set srandom_r d_srandom_r
eval $inlibc
case "$d_srandom_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_stdlib stdlib.h"
 case "$d_srandom_r_proto:$usethreads" in
 ":define") d_srandom_r_proto=define
  set d_srandom_r_proto srandom_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_srandom_r_proto" in
 define)
 case "$srandom_r_proto" in
 "|0) try='int srandom_r(unsigned int, struct random_data*);'
 ./protochk "$extern_C $try" $hdrs && srandom_r_proto=I_TS ;;
 esac
 case "$srandom_r_proto" in
 "|0) d_srandom_r=undef
  srandom_r_proto=0
  echo "Disabling srandom_r, cannot determine prototype." >&4 ;;
 *
 ) case "$srandom_r_proto" in
  REENTRANT_PROTO*) ;;
  *) srandom_r_proto="REENTRANT_PROTO_$srandom_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "srandom_r has no prototype, not using it." >&4 ;;
  esac
  d_srandom_r=undef
  srandom_r_proto=0
  ;;
 esac
```

```
 ;;
*) srandom_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_srandom_r.U
No license file was found, but licenses were detected in source scan.

```
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: models.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  16:13:17  ram
?RCS: patch61: added ?F: metalint hint
?RCS:
?RCS: Revision 3.0.1.1  1993/08/25  14:02:39  ram
?RCS: patch6: added default for large
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:17  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:models split small medium large huge: test cat Myread sysman Oldconfig \
 Loc Warn contains rm
?MAKE: -pick add $@ %<
?S:models:
?S: This variable contains the list of memory models supported by
 this
?S: system.  Possible component values are none, split, unsplit, small,
?S: medium, large, and huge.  The component values are space separated.
?S:.
?S:split:
?S: This variable contains a flag which will tell the C compiler and loader
?S: to produce a program that will run in separate I and D space, for those
?S: machines that support separation of instruction and data space.  It is
?S: up to the Makefile to use this.
?S:.
?S:small:
?S: This variable contains a flag which will tell the C compiler and loader
?S: to produce a program running with a small memory model.  It is up to
```

```
?S: the Makefile to use this.
?S:.
?S:medium:
?S: This variable contains a flag which will tell the C compiler and loader
?S: to produce a program running with a medium memory model.  If the
?S: medium model is not supported, contains the flag to produce large
?S: model programs.  It is up to the Makefile to use this.
?S:.
?S:large:
?S: This variable contains a flag which will tell the C compiler and loader
?S: to
 produce a program running with a large memory model.  It is up to
?S: the Makefile to use this.
?S:.
?S:huge:
?S: This variable contains a flag which will tell the C compiler and loader
?S: to produce a program running with a huge memory model.  If the
?S: huge model is not supported, contains the flag to produce large
?S: model programs.  It is up to the Makefile to use this.
?S:.
?T:unsplit tans modelcc
?F:!pdp11
?D:large=''
?LINT:extern cc
: see what memory models we can support
case "$models" in
'')
?X: We may not use Cppsym or we get a circular dependency through cc.
?X: But this should work regardless of which cc we eventually use.
 $cat >pdp11.c <<'EOP'
int main() {
#ifdef pdp11
 exit(0);
#else
 exit(1);
#endif
}
EOP
?X: Run cc in a subshell in case they don't have a 'cc' command.
?X: Presumably they do have gcc or something.
 case "$cc" in
 '') modelcc="$cc" ;;
 *) modelcc="cc" ;;
 esac
 ( $modelcc -o pdp11 pdp11.c ) >/dev/null 2>&1
 if $test -f pdp11 && ./pdp11 2>/dev/null;
 then
  dflt='unsplit split'
```

```
 else
  tans=`./loc . X /lib/small /lib/large /usr/lib/small /usr/lib/large /lib/medium /usr/lib/medium /lib/huge`
  case "$tans" in
  X) dflt='none';;
  *) if $test -d /lib/small || $test -d /usr/lib/small; then
    dflt='small'
   else
    dflt=''
   fi
   if $test -d /lib/medium || $test -d /usr/lib/medium; then
    dflt="$dflt medium"
   fi
   if $test -d /lib/large || $test -d /usr/lib/large; then
    dflt="$dflt large"
   fi
   if $test -d /lib/huge || $test -d /usr/lib/huge; then
    dflt="$dflt huge"
   fi
  esac
 fi;;
*) dflt="$models";;
esac
$cat <<EOM

Some systems have different model sizes.  On most systems they are called
small, medium, large, and huge.  On the PDP11 they are called unsplit and
split.  If your system doesn't support different memory models, say "none".
If you wish to force everything to one memory model, say "none" here and
put the appropriate flags later when it asks you for other cc and ld flags.
Venix systems may wish
 to put "none" and let the compiler figure things out.
(In the following question multiple model names should be space separated.)

The default for most systems is "none".

EOM
rp="Which memory models are supported?"
. ./myread
models="$ans"

case "$models" in
none)
 small=''
 medium=''
 large=''
 huge=''
 unsplit=''
 split=''
```

```
 ;;
*split)
 case "$split" in
 ") if $contains '\-i' $sysman/ld.1 >/dev/null 2>&1 || \
    $contains '\-i' $sysman/cc.1 >/dev/null 2>&1; then
   dflt='-i'
  else
   dflt='none'
  fi;;
 *) dflt="$split";;
 esac
 rp="What flag indicates separate I and D space?"
 . ./myread
 tans="$ans"
 case "$tans" in
 none) tans=";;
 esac
 split="$tans"
 unsplit=";;
*large*|*small*|*medium*|*huge*)
 case "$models" in
 *large*)
  case "$large" in
  ") dflt='-Ml';;
  *) dflt="$large";;
  esac
 rp="What flag indicates large model?"
 . ./myread
 tans="$ans"
 case "$tans" in
 none) tans=";
 esac
 large="$tans";;
 *) large=";;
 esac
 case "$models" in
 *huge*) case "$huge" in
  ")
 dflt='-Mh';;
  *) dflt="$huge";;
  esac
  rp="What flag indicates huge model?"
  . ./myread
  tans="$ans"
  case "$tans" in
  none) tans=";
  esac
  huge="$tans";;
```

```
 *) huge="$large";;
 esac
 case "$models" in
 *medium*) case "$medium" in
  ") dflt='-Mm';;
  *) dflt="$medium";;
  esac
  rp="What flag indicates medium model?"
  . ./myread
  tans="$ans"
  case "$tans" in
  none) tans=";
  esac
  medium="$tans";;
 *) medium="$large";;
 esac
 case "$models" in
 *small*) case "$small" in
  ") dflt='none';;
  *) dflt="$small";;
  esac
  rp="What flag indicates small model?"
  . ./myread
  tans="$ans"
  case "$tans" in
  none) tans=";
  esac
  small="$tans";;
 *) small=";;
 esac
 ;;
*)
 ./warn "Unrecognized memory models--you may have to edit Makefile.SH"
 ;;
esac
$rm -f pdp11.* pdp11
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/models.U
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```
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```

```
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: libs.U,v $
?RCS: Revision 3.0.1.6  1997/02/28  16:09:11  ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS:
?RCS: Revision 3.0.1.5  1995/07/25  14:12:05  ram
?RCS: patch56: now knows about OS/2 platforms
?RCS:
?RCS: Revision 3.0.1.4  1994/10/29  16:24:22  ram
?RCS: patch36: removed old broken thislib/thatlib processing (ADO)
?RCS:
?RCS: Revision 3.0.1.3  1994/06/20  07:05:44  ram
?RCS: patch30: code cleanup with if/elif by ADO and RAM
?RCS: patch30: undone patch23 for libswanted default
 setting
?RCS:
?RCS: Revision 3.0.1.2  1994/05/06  15:08:45  ram
?RCS: patch23: now includes ordered default libswanted variable (ADO)
?RCS: patch23: major cleanup for library lookups (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1993/08/25  14:02:31  ram
?RCS: patch6: added default for libs
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:03  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:libs libsfound libsfiles libsdirs libspath libscheck: \
 test cat Myread Oldconfig Loc libpth package xlibpth so _a \
 +usesocks sed +cc +ccflags +ldflags rm
?MAKE: -pick add $@ %<
?S:libs:
?S: This variable holds the additional libraries we want to use.
?S: It is up to the Makefile to deal with it.  The list can be empty.
?S:.
?S:libsfound:
?S: This variable holds the full pathnames of the libraries
?S: we found and accepted.
?S:.
?S:libsfiles:
?S: This variable holds the filenames aka basenames of the libraries
?S: we found and accepted.
?S:.
?S:libsdirs:
?S: This variable holds the directory
```

```
 names aka dirnames of the libraries
?S: we found and accepted, duplicates are removed.
?S:.
?S:libspath:
?S: This variable holds the directory names probed for libraries.
?S:.
?S:libscheck:
?S: This variable is intended to be set by hint files, if needed.
?S: It should contain shell code that will be eval'ed with $xxx holding
?S: some library file.  It may change $xxx if needed.
?S: For instance, on an Irix platform, you may make sure the right
?S: library file is used depending on the cc command line, so that the
?S: correct library is used depending on the selected ABI (for 32 and
?S: 64-bit compilations).
?S:
?S: Here is an example of code that could be found in a hint file on Irix
?S: when the selected compiler was for 32-bit -- that code is put in the
?S: cc.cbu call-back unit to be invoked AFTER the C compiler and its
?S: flags have been chosen:
?S:
?S:  libscheck='case "$xxx" in
?S:  *.a) /bin/ar p $xxx `/bin/ar t $xxx | sed q` >$$.o;
?S:   case "`/usr/bin/file $$.o`" in
?S:   *N32*)
 rm -f $$.o ;;
?S:   *) rm -f $$.o; xxx=/no/n32$xxx ;;
?S:   esac ;;
?S:  *) case "`/usr/bin/file $xxx`" in
?S:   *N32*) ;;
?S:   *) xxx=/no/n32$xxx ;;
?S:   esac ;;
?S:  esac'
?S:.
?D:libs="
?LINT:extern libswanted
?LINT:change libswanted
?INIT:: default library list
?INIT:libswanted="
?X: This order is chosen so that libraries  -lndir, -ldir, -lucb, -lbsd,
?X: -lBSD, -lPW, and -lx only get used if there are unresolved
?X: routines at link time.  Usually, these are backwards compatability
?X: libraries, and may not be as reliable as the standard c library.
?X:
?X: The -lsocket -linet -lnsl order has been reported to be necessary
?X: for at least one SVR4 implementation.
?X: -lc must proceed -lucb or -lbsd for most Solaris applications.
?X: -lc_s proceeds -lc so we pick up the shared library version, if
?X: it is available.
```

```
?X:
?X: The ordering of c, posix, and cposix is a guess and almost
?X: certainly wrong on about half of all systems.
?X:
?X: Set proper libswanted in your private
 Myinit.U if needed.
?X:
?X:: default ordered library list
?X:libswanted='net socket inet bind nsl nm sdbm gdbm ndbm dbm malloc dl'
?X:libswanted="$libswanted dld sun m c_s c posix cposix ndir dir ucb"
?X:libswanted="$libswanted bsd BSD PW x"
?X:
?INIT:: should be set by hint files if needed
?INIT:libscheck="
?T:xxx yyy thislib thisdir libstyle linkmsg
?F:lt.c lt
: Looking for optional libraries
echo " "
echo "Checking for optional libraries..." >&4
case "$libs" in
' '|'') dflt='';;
*) dflt="$libs";;
esac
case "$libswanted" in
'') libswanted='c_s';;
esac
?X: libsocks has nasty naming scheme.
?X: This does not work if somebody wants SOCKS 4.
case "$usesocks" in
"$define") libswanted="$libswanted socks5 socks5_sh" ;;
esac
?X: Used later for link checks
echo "extern char printf(); int main() { printf(); return 0; }" > lt.c
libsfound="
libsfiles="
libsdirs="
libspath="
for thisdir in $libpth $xlibpth; do
 test -d $thisdir && libspath="$libspath $thisdir"
done
for thislib in $libswanted;
 do
 for thisdir in $libspath; do
    xxx="
    if $test ! -f "$xxx" ; then
   xxx=`ls $thisdir/lib$thislib.$so.[0-9]* 2>/dev/null | $sed -n '1p'`
   $test -f "$xxx" && eval $libscheck
   $test -f "$xxx" && libstyle=shared
```

```
    fi
    if test ! -f "$xxx"; then
  xxx=$thisdir/lib$thislib.$so
  $test -f "$xxx" && eval $libscheck
  $test -f "$xxx" && libstyle=shared
    fi
    if test ! -f "$xxx"; then
  xxx=$thisdir/lib$thislib$_a
        $test -f "$xxx" && eval $libscheck
  $test -f "$xxx" && libstyle=static
    fi
    if test ! -f "$xxx"; then
  xxx=$thisdir/$thislib$_a
        $test -f "$xxx" && eval $libscheck
  $test -f "$xxx" && libstyle=static
    fi
    if test ! -f "$xxx"; then
  xxx=$thisdir/lib${thislib}_s$_a
        $test -f "$xxx" && eval $libscheck
  $test -f "$xxx" && libstyle=static
  $test -f "$xxx" && thislib=${thislib}_s
    fi
    if test ! -f "$xxx"; then
  xxx=$thisdir/Slib$thislib$_a
        $test -f "$xxx" && eval $libscheck
  $test
 -f "$xxx" && libstyle=static
    fi
    if $test -f "$xxx"; then
?X:
?X: It is not sufficient to find a .so on the disk.  We must make sure
?X: that we can indeed supply the -lfoo line on the cc line to link against
?X: that library.  On Linux for instance, a versionned .so will not be
?X: implicitly linked against, whereas it will work fine on Solaris 2.6.
?X:  --RAM, 10/10/2003
?X:
  if $cc -o lt $ccflags $ldflags lt.c -l$thislib >/dev/null 2>&1;
  then
   linkmsg=""
  else
   linkmsg=" but I can't link against it"
  fi
  case "$libstyle" in
  shared) echo "Found -l$thislib (shared)$linkmsg." ;;
  static) echo "Found -l$thislib$linkmsg." ;;
  *)      echo "Found -l$thislib ($libstyle)$linkmsg." ;;
  esac
  case " $dflt " in
```

```
  *"-l$thislib "*) ;;
  *)
   case "$linkmsg" in
   ")
    dflt="$dflt -l$thislib"
    libsfound="$libsfound $xxx"
    yyy=`basename $xxx`
    libsfiles="$libsfiles $yyy"
    yyy=`echo $xxx|$sed -e "s%/$yyy\\$%%"`
    case " $libsdirs
 " in
    *" $yyy "*) ;;
    *) libsdirs="$libsdirs $yyy" ;;
    esac
      ;;
   esac
   ;;
  esac
  break
    fi
 done
 if $test ! -f "$xxx"; then
    echo "No -l$thislib."
 fi
done
set X $dflt
shift
dflt="$*"
case "$libs" in
") dflt="$dflt";;
*) dflt="$libs";;
esac
case "$dflt" in
' '|") dflt='none';;
esac
$rm -f lt.c lt

$cat <<EOM

In order to compile $package on your machine, a number of libraries
are usually needed.  Include any other special libraries here as well.
Say "none" for none.  The default list is almost always right.
EOM

echo " "
rp="Which libraries to use?"
. ./myread
case "$ans" in
```

```
none) libs=' ';;
*) libs="$ans";;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/libs.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getppid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_getppid.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:07:45  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_getppid: Inlibc
?MAKE: -pick add $@ %<
?S:d_getppid:
?S: This variable conditionally defines the HAS_GETPPID symbol, which
?S: indicates to the C program that the getppid() routine is available
?S: to get the parent process ID.
?S:.
?C:HAS_GETPPID :
?C: This symbol,
 if defined, indicates that the getppid routine is
?C: available to get the parent process ID.
?C:.
?H:#$d_getppid HAS_GETPPID  /**/
?H:.
?LINT:set d_getppid
: see if getppid exists
set getppid d_getppid
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_getppid.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_mprotect: Inlibc
?MAKE: -pick add $@ %<
?S:d_mprotect:
?S: This variable conditionally defines HAS_MPROTECT if mprotect() is
?S: available to modify the access protection of a memory mapped file.
?S:.
?C:HAS_MPROTECT:
?C: This symbol, if defined, indicates that the mprotect system call is
?C: available to modify the access protection of a memory mapped file.
?C:.
?H:#$d_mprotect HAS_MPROTECT  /**/
?H:.
?LINT:set d_mprotect
: see if mprotect exists
set mprotect d_mprotect
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_mprotect.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: installstyle.U,v 1.2 1999/07/13 14:56:06 doughera Exp $
?RCS:
?RCS: Copyright (c) 1999 Andy Dougherty
?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: installstyle.U,v $
?RCS: Revision 1.2  1999/07/13 14:56:06  doughera
?RCS: Fix dependencies.  Add more comments.
?RCS:
```

```
?RCS: Revision 1.1  1999/07/12 17:30:41  doughera
?RCS: Initial revision
?RCS:
?RCS:
?MAKE:installstyle: prefix Myread
?MAKE: -pick add $@ %<
?X: Myread dependence is for dflt.
?S:installstyle:
?S: This variable describes the "style" of the perl installation.
?S: This is intended to be useful for tools that need to
?S: manipulate entire perl
 distributions.  Perl itself doesn't use
?S: this to find its libraries -- the library directories are
?S: stored directly in Config.pm.  Currently, there are only two
?S: styles:  "lib" and "lib/perl5".  The default library locations
?S: (e.g. privlib, sitelib) are either $prefix/lib or
?S: $prefix/lib/perl5.  The former is useful if $prefix is a
?S: directory dedicated to perl (e.g. /opt/perl), while the latter
?S: is useful if $prefix is shared by many packages, e.g. if
?S: $prefix=/usr/local.
?S:
?S: Unfortunately, while this "style" variable is used to set
?S: defaults for all three directory hierarchies (core, vendor, and
?S: site), there is no guarantee that the same style is actually
?S: appropriate for all those directories.  For example, $prefix
?S: might be /opt/perl, but $siteprefix might be /usr/local.
?S: (Perhaps, in retrospect, the "lib" style should never have been
?S: supported, but it did seem like a nice idea at the time.)
?S:
?S: The situation is even less clear for
 tools such as MakeMaker
?S: that can be used to install additional modules into
?S: non-standard places.  For example, if a user intends to install
?S: a module into a private directory (perhaps by setting PREFIX on
?S: the Makefile.PL command line), then there is no reason to
?S: assume that the Configure-time $installstyle setting will be
?S: relevant for that PREFIX.
?S:
?S: This may later be extended to include other information, so
?S: be careful with pattern-matching on the results.
?S:
?S: For compatibility with perl5.005 and earlier, the default
?S: setting is based on whether or not $prefix contains the string
?S: "perl".
?S:.
: determine installation style
: For now, try to deduce it from prefix unless it is already set.
: Reproduce behavior of 5.005 and earlier, maybe drop that in 5.7.
```

```
case "$installstyle" in
") case "$prefix" in
  *perl*) dflt='lib';;
  *) dflt='lib/perl5' ;;
 esac
 ;;
*) dflt="$installstyle" ;;
esac
: Probably not worth prompting for this since we prompt
 for all
: the directories individually, and the prompt would be too long and
: confusing anyway.
installstyle=$dflt
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/installstyle.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
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?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_finitel: Inlibc
?MAKE: -pick add $@ %<
?S:d_finitel:
?S: This variable conditionally defines the HAS_FINITEL symbol, which
?S: indicates to the C program that the finitel() routine is available.
?S:.
?C:HAS_FINITEL:
?C: This symbol, if defined, indicates that the finitel routine is
?C: available to check whether a long double is finite
?C: (non-infinity non-NaN).
?C:.
?H:#$d_finitel HAS_FINITEL  /**/
?H:.
?LINT:set d_finitel
: see if finitel exists
set finitel d_finitel
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_finitel.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: libdbm.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: libdbm.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  15:56:57  ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS:
?RCS: Revision 3.0  1993/08/18  12:08:58  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:libdbm: test Loc libpth _a
?MAKE: -pick add $@ %<
?S:libdbm:
?S: This variable contains the argument to pass to the loader in order
?S: to get the dbm library routines.  If there is no dbm or ndbm
?S: library, it is null.
?S:.
?T:xxx
:
 see if we should include -ldbm
echo " "
if $test -r /usr/lib/libndbm$_a || $test -r /usr/local/lib/libndbm$_a ; then
 echo "-lndbm found." >&4
 libdbm='-lndbm'
elif $test -r /usr/lib/libdbm$_a || $test -r /usr/local/lib/libdbm$_a ; then
 echo "-ldbm found." >&4
 libdbm='-ldbm'
else
 xxx=`./loc libdbm$_a x $libpth`
 case "$xxx" in
 x)
  echo "No dbm library found." >&4
  libdbm=''
  ;;
 *)
  echo "DBM library found in $xxx." >&4
  libdbm="$xxx"
  ;;
 esac
```

```
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/libdbm.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setpgid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_setpgid.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  15:41:49  ram
?RCS: patch61: reworded symbol comments
?RCS:
?RCS: Revision 3.0.1.1  1994/01/24  14:06:40  ram
?RCS: patch16: created
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:56  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setpgid: Inlibc
?MAKE: -pick add $@ %<
?S:d_setpgid:
?S: This variable conditionally defines the HAS_SETPGID symbol if the
?S: setpgid(pid, gpid) function is
 available to set process group ID.
?S:.
?C:HAS_SETPGID:
?C: This symbol, if defined, indicates that the setpgid(pid, gpid)
?C: routine is available to set process group ID.
?C:.
?H:#$d_setpgid HAS_SETPGID /**/
?H:.
?LINT:set d_setpgid
: see if setpgid exists
set setpgid d_setpgid
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setpgid.U

No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_lgamma: Inlibc
?MAKE: -pick add $@ %<
?S:d_lgamma:
?S: This variable conditionally defines the HAS_LGAMMA symbol, which
?S: indicates to the C program that the lgamma() routine is available
?S: for the log gamma function.  See also d_tgamma and d_lgamma_r.
?S:.
?C:HAS_LGAMMA:
?C: This symbol, if defined, indicates that the lgamma routine is
?C: available to do the log gamma function.  See also HAS_TGAMMA and
?C: HAS_LGAMMA_R.
?C:.
?H:#$d_lgamma HAS_LGAMMA  /**/
?H:.
?LINT:set d_lgamma
: see if lgamma exists
set lgamma d_lgamma
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_lgamma.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_vfork.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_vfork.U,v $
?RCS: Revision 3.0.1.1  1994/05/06  15:05:44  ram
?RCS: patch23: avoid inclusion of <vfork.h> if no vfork() used (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:08:50  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_vfork: Inhdr d_vfork
?MAKE: -pick add $@ %<
```

```
?S:i_vfork:
?S: This variable conditionally defines the I_VFORK symbol, and indicates
?S: whether a C program should include vfork.h.
?S:.
?C:I_VFORK:
?C: This symbol,
 if defined, indicates to the C program that it should
?C: include vfork.h.
?C:.
?H:#$i_vfork I_VFORK /**/
?H:.
: see if this is a vfork system
case "$d_vfork" in
"$define")
 set vfork.h i_vfork
 eval $inhdr
 ;;
*)
 i_vfork="$undef"
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_vfork.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_linuxstd.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_linuxstd.U,v $
?RCS: Revision 3.0.1.1  1994/10/29  16:14:05  ram
?RCS: patch36: created by ADO
?RCS:
?MAKE:d_linuxstd: d_stdstdio cppstdin cppflags cppminus \
 contains rm Setvar Findhdr
?MAKE: -pick add $@ %<
?S:d_linuxstd:
?S: This variable conditionally defines USE_LINUX_STDIO if this system
```

```
?S: has a FILE structure declaring _IO_read_base, _IO_read_ptr,
?S: and _IO_read_end
 in stdio.h.
?S:.
?C:USE_LINUX_STDIO:
?C: This symbol is defined if this system has a FILE structure declaring
?C: _IO_read_base, _IO_read_ptr, and _IO_read_end in stdio.h.
?C:.
?H:#$d_linuxstd USE_LINUX_STDIO  /**/
?H:.
?T:xxx
?LINT:set d_linuxstd
: see if stdio is like that in linux
case "$d_stdstdio" in
"$undef")
 echo " "
 xxx=`./findhdr stdio.h`
 $cppstdin $cppflags $cppminus < "$xxx" > stdio.E
 if $contains 'char.*_IO_read_base' stdio.E >/dev/null 2>&1 && \
  $contains '_IO_read_ptr' stdio.E >/dev/null 2>&1 && \
  $contains '_IO_read_end' stdio.E >/dev/null 2>&1 ; then
   echo "Your stdio looks like linux." >&4
   val="$define"
 else
  echo "You don't have linux stdio, either." >&4
  val="$undef"
 fi
 $rm -f stdio.E
 ;;
*) val="$undef" ;;
esac

set d_linuxstd
eval $setvar

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/dist/U/d_linuxstd.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: i_sysstatvfs.U,v $
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_sysstatvfs: Inhdr Hasfield
```

```
?MAKE: -pick add $@ %<
?S:i_sysstatvfs:
?S: This variable conditionally defines the I_SYSSTATVFS symbol,
?S: and indicates whether a C program should include <sys/statvfs.h>.
?S:.
?C:I_SYS_STATVFS:
?C: This symbol, if defined, indicates that <sys/statvfs.h> exists and
?C: should be included.
?C:.
?H:#$i_sysstatvfs I_SYS_STATVFS  /**/
?H:.
?LINT:set i_sysstatvfs
: see if this is a sys/statvfs.h system
set sys/statvfs.h i_sysstatvfs
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_sysstatvfs.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: lib.U,v $
?RCS: Revision 3.0.1.3  1995/09/25  09:16:47  ram
?RCS: patch59: unit is now forced to the top of Configure, if possible
?RCS:
?RCS: Revision 3.0.1.2  1995/01/30  14:38:08  ram
?RCS: patch49: can now handle installation prefix changes (from WED)
?RCS:
?RCS: Revision 3.0.1.1  1994/08/29  16:27:40  ram
?RCS: patch32: now uses installation prefix to set the default
?RCS:
?RCS: Revision 3.0  1993/08/18  12:08:56  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:lib libexp: Getfile
 Loc Oldconfig Prefixit Prefixup prefixexp
?MAKE: -pick add $@ %<
?Y:TOP
```

```
?S:lib:
?S: This variable holds the name of the directory in which the user wants
?S: to put public library files for the package in question.  It is most
?S: often a local directory such as /usr/local/lib. Programs using this
?S: variable must be prepared to deal with filename expansion.
?S:.
?S:libexp:
?S: This variable is the same as the lib variable, but is filename expanded
?S: at configuration time, for convenient use in your makefiles.
?S:.
: determine where public libraries go
set lib lib
eval $prefixit
case "$lib" in
")
 dflt=`./loc . "." $prefixexp/lib /usr/local/lib /usr/lib /lib`
 set dflt
 eval $prefixup
 ;;
*)  dflt="$lib";;
esac
echo " "
fn=d~
rp='Where do you want to put the public libraries?'
. ./getfile
lib="$ans"
libexp="$ansexp"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/lib.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_fma: Inlibc
?MAKE: -pick add $@ %<
?S:d_fma:
?S: This variable conditionally defines the HAS_FMA symbol, which
?S: indicates to the C program that the fma() routine is available.
?S:.
?C:HAS_FMA:
?C: This symbol, if defined, indicates that the fma routine is
?C: available to do the multiply-add function.
?C:.
?H:#$d_fma HAS_FMA  /**/
?H:.
```

```
?LINT:set d_fma
: see if fma exists
set fma d_fma
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fma.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_gethname.U,v $
?RCS: Revision 3.0.1.1  1994/10/29  16:13:00  ram
?RCS: patch36: call ./xenix explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0  1993/08/18  12:06:11  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_gethname d_uname d_phostname aphostname: phostname cat \
 myhostname package d_portable Loc echo n c +i_whoami +usrinc \
 Myread Guess Oldconfig Csym
?MAKE: -pick add $@ %<
?S:d_gethname:
?S: This variable conditionally defines the HAS_GETHOSTNAME symbol,
 which
?S: indicates to the C program that the gethostname() routine may be
?S: used to derive the host name.
?S:.
?S:d_uname:
?S: This variable conditionally defines the HAS_UNAME symbol, which
?S: indicates to the C program that the uname() routine may be
?S: used to derive the host name.
?S:.
?S:d_phostname:
?S: This variable conditionally defines the PHOSTNAME symbol, which
?S: contains the shell command which, when fed to popen(), may be
?S: used to derive the host name.
?S:.
?S:aphostname:
```

```
?S: Thie variable contains the command which can be used to compute the
?S: host name. The command is fully qualified by its absolute path, to make
?S: it safe when used by a process with super-user privileges.
?S:.
?C:HAS_GETHOSTNAME (GETHOSTNAME):
?C: This symbol, if defined, indicates that the C program may use the
?C: gethostname() routine to derive the host name.  See also HAS_UNAME
?C: and PHOSTNAME.
?C:.
?C:HAS_UNAME (UNAME):
?C: This symbol, if defined, indicates that the C program may
 use the
?C: uname() routine to derive the host name.  See also HAS_GETHOSTNAME
?C: and PHOSTNAME.
?C:.
?C:PHOSTNAME:
?C: This symbol, if defined, indicates that the C program may use the
?C: contents of PHOSTNAME as a command to feed to the popen() routine
?C: to derive the host name.  See also HAS_GETHOSTNAME and HAS_UNAME.
?C: Note that the command uses a fully qualified path, so that it is safe
?C: even if used by a process with super-user privileges.
?C:.
?H:#$d_gethname HAS_GETHOSTNAME /**/
?H:#$d_uname HAS_UNAME  /**/
?H:#$d_phostname PHOSTNAME "$aphostname" /* How to get the host name */
?H:.
?T:file val call
?LINT:change i_whoami
: see how we will look up host name
echo " "
if false; then
 : dummy stub to allow use of elif
@if HAS_GETHOSTNAME
elif set gethostname val -f d_gethname; eval $csym; $val; then
 echo 'gethostname() found.' >&4
 d_gethname="$define"
 call=gethostname
@end
@if HAS_UNAME
elif set uname val -f d_uname; eval $csym; $val; then
 if ./xenix; then
  $cat <<'EOM'
uname()
 was found, but you're running xenix, and older versions of xenix
have a broken uname(). If you don't really know whether your xenix is old
enough to have a broken system call, use the default answer.

EOM
```

```
  dflt=y
  case "$d_uname" in
  "$define") dflt=n;;
  esac
  rp='Is your uname() broken?'
  . ./myread
  case "$ans" in
  n*) d_uname="$define"; call=uname;;
  esac
 else
  echo 'uname() found.' >&4
  d_uname="$define"
  call=uname
 fi
@end
fi
case "$d_gethname" in
") d_gethname="$undef";;
esac
case "$d_uname" in
") d_uname="$undef";;
esac
@if PHOSTNAME || MYHOSTNAME
case "$d_uname$d_gethname" in
*define*)
 dflt=n
 cat <<EOM

Every now and then someone has a $call() that lies about the hostname
but can't be fixed for political or economic reasons.  If you wish, I can
@if MYHOSTNAME && PHOSTNAME
pretend $call() isn't there and maybe compile in the hostname or
compute it from the '$phostname' command at run-time.
@elsif MYHOSTNAME
pretend $call() isn't there and maybe compile
 in the hostname.
@elsif PHOSTNAME
pretend $call() isn't there and maybe compute hostname at run-time
thanks to the '$phostname' command.
@elsif WHOAMI
get the hostname from whomai.h (provided you have one).
@else
simply ignore your host name and use someting like "noname" instead.
@end

EOM
 rp="Shall I ignore $call() from now on?"
 . ./myread
```

```
 case "$ans" in
 y*) d_uname="$undef" d_gethname="$undef"; $echo $n "Okay...$c";;
 esac;;
esac
@end
@if PHOSTNAME || aphostname
?X: Compute the full path name for the command
case "$phostname" in
") aphostname=";;
*) case "$aphostname" in
 /*) ;;
 *) set X $phostname
  shift
  file=$1
  shift
  file=`./loc $file $file $pth`
  aphostname=`echo $file $*`
  ;;
 esac
 ;;
esac
@end
@if PHOSTNAME && MYHOSTNAME
case "$d_uname$d_gethname" in
*define*) ;;
*)
 case "$phostname" in
 ") ;;
 *)
  $cat <<EOT

There is no gethostname() or uname() on this system.  You have two
possibilities at this point:

1)  You can have your host name ($myhostname) compiled
 into $package, which
   lets $package start up faster, but makes your binaries non-portable, or
2)  you can have $package use a

 popen("$aphostname","r")

   which will start slower but be more portable.

@ if WHOAMI
Option 1 will give you the option of using whoami.h if you have one.
@ end
If you want option 2 but with a different command, you can edit config.sh at
the end of this shell script.
```

```
EOT
  case "$d_phostname" in
  "$define") dflt=n;;
  "$undef")  dflt=y;;
  ")
   case "$d_portable" in
   "$define") dflt=n ;;
   *) dflt=y ;;
   esac;;
  esac
  rp="Do you want your host name compiled in?"
  . ./myread
  case "$ans" in
  n*) d_phostname="$define" ;;
  *) aphostname=''; d_phostname="$undef";;
  esac;;
 esac
 case "$aphostname" in
 ")
@ if WHOAMI
  case "$i_whoami" in
  "$define")
   dflt=y
   $cat <<EOM

No hostname function--you can either use the whoami.h file, which has this line:

 `grep sysname $usrinc/whoami.h`

or you can have the name we came up with earlier
 ($myhostname) hardwired in.
EOM
   rp="Use whoami.h to get hostname?"
   . ./myread
   case "$ans" in
   n*) i_whoami="$undef";;
   esac
   ;;
  "$undef")
   $cat <<EOM
No hostname function and no whoami.h -- hardwiring "$myhostname".
EOM
   ;;
  esac;;
@ else
  echo 'No hostname function -- hardwiring "'$myhostname'".' >&4;;
@ end
```

```
 esac;;
esac
@elsif PHOSTNAME
case "$d_uname$d_gethname" in
*define*) ;;
*)
 case "$phostname" in
 ")
@ if WHOAMI
  case "$i_whoami" in
  "$define")
   $cat <<EOM

No hostname function--we'll use the whoami.h file, which has this line:

 `grep sysname $usrinc/whoami.h`

EOM
   ;;
  *) echo "There will be no way for $package to get your hostname." >&4;;
  esac;;
@ else
  echo "There will be no way for $package to get your hostname." >&4;;
@ end
 *)
 echo "I'll use 'popen("""$aphostname"", "r")"" to get your hostname." >&4
  ;;
 esac;;
esac
@elsif MYHOSTNAME
case "$d_uname$d_gethname" in
*define*) ;;
*)
@ if WHOAMI
 case "$i_whoami" in
 "$define")
  dflt=y
  $cat
 <<EOM

No hostname function--you can either use the whoami.h file, which has this line:

 `grep sysname $usrinc/whoami.h`

or you can have the name we came up with earlier ($myhostname) hardwired in.
EOM
  rp="Use whoami.h to get hostname?"
  . ./myread
```

```
  case "$ans" in
  n*) i_whoami="$undef";;
  esac
  ;;
 "$undef")
  echo 'No whoami.h--hardwiring "'$myhostname'".' >&4;;
 esac;;
@ else
 echo 'Hardwiring "'$myhostname'".' >&4;;
@ end
esac
@end
case "$d_phostname" in
") d_phostname="$undef";;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_gethname.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_fgetpos.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_fgetpos.U,v $
?RCS: Revision 3.0.1.1  1994/06/20  06:57:33  ram
?RCS: patch30: created
?RCS:
?MAKE:d_fgetpos: Inlibc
?MAKE: -pick add $@ %<
?S:d_fgetpos:
?S: This variable conditionally defines HAS_FGETPOS if fgetpos() is
?S: available to get the file position indicator.
?S:.
?C:HAS_FGETPOS:
?C: This symbol, if defined, indicates that the fgetpos routine is
?C: available to get the file position indicator, similar to ftell().
?C:.
?H:#$d_fgetpos
 HAS_FGETPOS /**/
?H:.
```

```
?LINT:set d_fgetpos
: see if fgetpos exists
set fgetpos d_fgetpos
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_fgetpos.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: libflex.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: libflex.U,v $
?RCS: Revision 3.0.1.3  1997/02/28  15:57:48  ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS:
?RCS: Revision 3.0.1.2  1994/05/06  15:07:02  ram
?RCS: patch23: now uses full library path instead of -l notation
?RCS:
?RCS: Revision 3.0.1.1  1994/01/24  14:13:25  ram
?RCS: patch16: un-obsoleted this unit to allow smooth lex/flex compilations
?RCS:
?RCS: Revision 3.0  1993/08/18  12:08:59  ram
?RCS: Baseline for dist 3.0 netwide
 release.
?RCS:
?MAKE:libflex: Loc lex libpth _a
?MAKE: -pick add $@ %<
?S:libflex:
?S: This variable contains the argument to pass to the loader in order
?S: to get the flex/lex library routines.  If there is no flex or flex
?S: library, it is null.
?S:.
?T:xxx
: see if we should include -lfl
echo " "
case "$lex" in
*flex)
 xxx=`./loc libfl$_a x $libpth`
 case "$xxx" in
```

```
 x)
  echo "No flex library found." >&4
  libflex=''
  ;;
 *)
  echo "flex library found in $xxx." >&4
  libflex="$xxx"
  ;;
 esac
 ;;
*lex)
 xxx=`./loc libl$_a x $libpth`
 case "$xxx" in
 x)
  echo "No lex library found." >&4
  libflex=''
  ;;
 *)
  echo "lex library found in $xxx." >&4
  libflex="$xxx"
  ;;
 esac
 ;;
*)
echo "You don't seem to have lex or flex, so I won't look for libraries." >&4
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/libflex.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_sysconf.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_sysconf.U,v $
?RCS: Revision 3.0.1.1  1994/10/29  16:15:57  ram
?RCS: patch36: created by ADO
```

```
?RCS:
?MAKE:d_sysconf: Inlibc
?MAKE: -pick add $@ %<
?S:d_sysconf:
?S: This variable conditionally defines the HAS_SYSCONF symbol, which
?S: indicates to the C program that the sysconf() routine is available
?S: to determine system related limits and options.
?S:.
?C:HAS_SYSCONF:
?C: This
 symbol, if defined, indicates that sysconf() is available
?C: to determine system related limits and options.
?C:.
?H:#$d_sysconf HAS_SYSCONF /**/
?H:.
?LINT:set d_sysconf
: see if sysconf exists
set sysconf d_sysconf
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_sysconf.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: lseektype.U,v 3.0.1.1 1994/08/29 16:30:10 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: lseektype.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:30:10  ram
?RCS: patch32: now uses new Typedef unit to compute type information
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:08  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:lseektype lseeksize: Myread Typedef cat Compile rm_try longsize run
?MAKE: -pick add $@ %<
?S:lseektype:
?S: This variable defines lseektype to be something like off_t, long,
?S: or whatever type is used to declare
```

```
 lseek offset's type in the
?S: kernel (which also appears to be lseek's return type).
?S:.
?S:lseeksize:
?S: This variable defines lseektype to be something like off_t, long,
?S: or whatever type is used to declare lseek offset's type in the
?S: kernel (which also appears to be lseek's return type).
?S:.
?C:Off_t (LSEEKTYPE):
?C: This symbol holds the type used to declare offsets in the kernel.
?C: It can be int, long, off_t, etc... It may be necessary to include
?C: <sys/types.h> to get any typedef'ed information.
?C:.
?C:LSEEKSIZE:
?C: This symbol holds the number of bytes used by the Off_t.
?C:.
?C:Off_t_size:
?C: This symbol holds the number of bytes used by the Off_t.
?C:.
?H:#define Off_t $lseektype  /* <offset> type */
?H:#define LSEEKSIZE $lseeksize  /* <offset> size */
?H:#define Off_t_size $lseeksize /* <offset> size */
?H:.
?F:!try
?LINT:set lseektype
: see what type lseek is declared as in the kernel
rp="What is the type used for lseek's offset on this system?"
set off_t lseektype
 long stdio.h sys/types.h
eval $typedef_ask

echo " "
echo "Checking to see how big your file offsets are..." >&4
$cat >try.c <<EOCP
#include <sys/types.h>
#include <stdio.h>
int main()
{
   printf("%d\n", (int)sizeof($lseektype));
   return(0);
}
EOCP
set try
if eval $compile_ok; then
 lseeksize=`$run ./try`
 echo "Your file offsets are $lseeksize bytes long."
else
 dflt=$longsize
```

```
 echo " "
 echo "(I can't seem to compile the test program.  Guessing...)"
 rp="What is the size of your file offsets (in bytes)?"
 . ./myread
 lseeksize="$ans"
fi
$rm_try
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/lseektype.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_grp.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:20  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_grp: Inhdr
?MAKE: -pick add $@ %<
?S:i_grp:
?S: This variable conditionally defines the I_GRP symbol, and indicates
?S: whether a C program should include <grp.h>.
?S:.
?C:I_GRP:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <grp.h>.
?C:.
?H:#$i_grp I_GRP  /**/
?H:.
?LINT:set i_grp
: see if this is an grp system
set grp.h i_grp
eval $inhdr
```

Found
 in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_grp.U

No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_fmax: Inlibc
?MAKE: -pick add $@ %<
?S:d_fmax:
?S: This variable conditionally defines the HAS_FMAX symbol, which
?S: indicates to the C program that the fmax() routine is available.
?S:.
?C:HAS_FMAX:
?C: This symbol, if defined, indicates that the fmax routine is
?C: available to do the maximum function.
?C:.
?H:#$d_fmax HAS_FMAX  /**/
?H:.
?LINT:set d_fmax
: see if fmax exists
set fmax d_fmax
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fmax.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysresrc.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_sysresrc.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:34  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: Look wether <sys/resource.h> needs to be included
?X:
?MAKE:i_sysresrc: Inhdr
?MAKE: -pick add $@ %<
?S:i_sysresrc:
?S: This variable conditionally defines the I_SYS_RESOURCE symbol,
```

?S: and indicates whether a C program should include <sys/resource.h>.
?S:.
?C:I_SYS_RESOURCE (I_SYSRESOURCE):
?C: This symbol, if defined, indicates
 to the C program that it should
?C: include <sys/resource.h>.
?C:.
?H:#$i_sysresrc I_SYS_RESOURCE /**/
?H:.
?LINT:set i_sysresrc
: see if sys/resource.h has to be included
set sys/resource.h i_sysresrc
eval $inhdr

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_sysresrc.U
No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_stdbool.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_isinf.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_isless.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_prctl.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_pthrattrj.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/ebcdic/ebcdic.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strtoll.U
*
 /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strtouq.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_nl_langinfo_l.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strtoull.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_dlsymun.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_pthread_atfork.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/perl/d_isfinite.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_off64_t.U
*
/opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_libm_lib_version.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_ptrdiff_t.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fcntl_can_lock.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fpos64_t.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_signbit.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_pthread_y.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/time_size.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_isnan.U
*
/opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_longlong.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_futimes.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_isnormal.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_union_semun.U
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_cplusplus.U
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_gconvert.U,v $
?RCS: Revision 3.0.1.3 1997/02/28 15:33:38 ram
?RCS: patch61: integrated new unit from perl5

```
?RCS:
?RCS: Revision 3.0.1.2  1995/07/25  13:55:59  ram
?RCS: patch56: improved comments about the Gconvert macro (ADO)
?RCS: patch56: force compile-link test since it may exist but be unusable (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  16:12:51  ram
?RCS: patch36: created by ADO
?RCS:
?MAKE:d_Gconvert:
 cat cc ccflags ldflags libs rm_try _o
?MAKE: -pick add $@ %<
?S:d_Gconvert:
?S: This variable holds what Gconvert is defined as to convert
?S: floating point numbers into strings. It could be 'gconvert'
?S: or a more complex macro emulating gconvert with gcvt() or sprintf.
?S:.
?C:Gconvert:
?C: This preprocessor macro is defined to convert a floating point
?C: number to a string without a trailing decimal point.  This
?C: emulates the behavior of sprintf("%g"), but is sometimes much more
?C: efficient.  If gconvert() is not available, but gcvt() drops the
?C: trailing decimal point, then gcvt() is used.  If all else fails,
?C: a macro using sprintf("%g") is used. Arguments for the Gconvert
?C: macro are: value, number of digits, whether trailing zeros should
?C: be retained, and the output buffer.
?C: Possible values are:
?C:  d_Gconvert='gconvert((x),(n),(t),(b))'
?C:  d_Gconvert='gcvt((x),(n),(b))'
?C:  d_Gconvert='sprintf((b),"%.*g",(n),(x))'
?C: The last two assume trailing zeros should
 not be kept.
?C:.
?H:#define Gconvert(x,n,t,b) $d_Gconvert
?H:.
?T: xxx_list xxx_convert
?F:!try
?X:
: Check how to convert floats to strings.
echo " "
echo "Checking for an efficient way to convert floats to strings."
?X: We want to be sure to drop trailing decimal points (perl5
?X: needs this).
$cat >try.c <<'EOP'
#ifdef TRY_gconvert
#define Gconvert(x,n,t,b) gconvert((x),(n),(t),(b))
char *myname = "gconvert";
#endif
#ifdef TRY_gcvt
```

```
#define Gconvert(x,n,t,b) gcvt((x),(n),(b))
char *myname = "gcvt";
#endif
#ifdef TRY_sprintf
#define Gconvert(x,n,t,b) sprintf((b),"%.*g",(n),(x))
char *myname = "sprintf";
#endif

#include <stdio.h>

int
checkit(expect, got)
char *expect;
char *got;
{
   if (strcmp(expect, got)) {
  printf("%s oddity:  Expected %s, got %s\n",
   myname, expect, got);
  exit(1);
 }
}

int
int main()
{
 char buf[64];
 buf[63] = '\0';

 /* This must be 1st test on (which?) platform */
 /* Alan Burlison <AlanBurlsin@unn.unisys.com> */
 Gconvert(0.1, 8, 0, buf);
 checkit("0.1",
 buf);

 Gconvert(1.0, 8, 0, buf);
 checkit("1", buf);

 Gconvert(0.0, 8, 0, buf);
 checkit("0", buf);

 Gconvert(-1.0, 8, 0, buf);
 checkit("-1", buf);

 /* Some Linux gcvt's give 1.e+5 here. */
 Gconvert(100000.0, 8, 0, buf);
 checkit("100000", buf);

 /* Some Linux gcvt's give -1.e+5 here. */
```

```
 Gconvert(-100000.0, 8, 0, buf);
 checkit("-100000", buf);

 exit(0);
}
EOP
?X: List of order in which to search for functions.
?X: Usual order of efficiency is gconvert gcvt sprintf
?X: Respect a previous or hinted value.
case "$d_Gconvert" in
gconvert*) xxx_list='gconvert gcvt sprintf' ;;
gcvt*) xxx_list='gcvt gconvert sprintf' ;;
sprintf*) xxx_list='sprintf gconvert gcvt' ;;
*) xxx_list='gconvert gcvt sprintf' ;;
esac

for xxx_convert in $xxx_list; do
 echo "Trying $xxx_convert"
 $rm_try
 if $cc $ccflags -DTRY_$xxx_convert $ldflags -o try \
  try.c $libs > /dev/null 2>&1 ; then
  echo "$xxx_convert" found. >&4
  if ./try; then
   echo "I'll use $xxx_convert to convert floats
 into a string." >&4
   break;
  else
   echo "...But $xxx_convert didn't work as I expected."
  fi
 else
  echo "$xxx_convert NOT found." >&4
 fi
done

case "$xxx_convert" in
gconvert) d_Gconvert='gconvert((x),(n),(t),(b))' ;;
gcvt) d_Gconvert='gcvt((x),(n),(b))' ;;
*) d_Gconvert='sprintf((b),"%.*g",(n),(x))' ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_gconvert.U
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```
?RCS: $Id: d_semop.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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```

```
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_semop.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:05  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_semop: Inlibc
?MAKE: -pick add $@ %<
?S:d_semop:
?S: This variable conditionally defines the HAS_SEMOP symbol, which
?S: indicates to the C program that the semop() routine is available.
?S:.
?C:HAS_SEMOP:
?C: This symbol, if defined, indicates that the semop() routine is
?C: available to execute semaphore operations.
?C:.
?H:#$d_semop
 HAS_SEMOP  /**/
?H:.
?LINT:set d_semop
: see if semop exists
set semop d_semop
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_semop.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getpent.U,v 3.0 1993/08/18 12:06:09 ram Exp $
?RCS:
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?RCS:
?RCS: $Log: d_getpent.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:09  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
```

```
?MAKE:d_getpent: Inlibc
?MAKE: -pick add $@ %<
?S:d_getpent:
?S: This variable conditionally defines HAS_GETPROTOENT if getprotoent() is
?S: available to look up protocols in some data base or another.
?S:.
?C:HAS_GETPROTOENT:
?C: This symbol, if defined, indicates that the getprotoent() routine is
?C: available to look up protocols in some data base
 or another.
?C:.
?H:#$d_getpent HAS_GETPROTOENT  /**/
?H:.
?LINT:set d_getpent
: see if getprotoent exists
set getprotoent d_getpent
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_getpent.U
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```
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?RCS:
?X: This unit generates a $hasstruct string that is used internally
?X: by Configure to check if this system has a field for a
?X: particular struct (of if this system has a particular struct!)
?X:
?X: To use it, say something like:
?X:  set d_statblocks stat i_sysstat sys/stat.h
?X:  eval $hasstruct
?X: Or, for more complicated sets of headers, do something like
?X: hdrs="$define sys/foo.h
?X:  $i_sysbar sys/bar.h
?X:  $i_syszot sys/zot.h
?X:  $i_zappa zappa.h"
?X: set d_statblocks stat $hdrs
?X: eval $hasstruct
?X:
?MAKE:Hasstruct: Setvar rm_try test Compile
?MAKE: -pick add $@ %<
?T:varname struct
```

```
?V:hasstruct
: Define hasstruct macro for Configure internal use
hasstruct='varname=$1; struct=$2; shift;
 shift;
while $test $# -ge 2; do
 case "$1" in
 $define) echo "#include <$2>";;
 esac ;
   shift 2;
done > try.c;
echo "int main () { struct $struct foo; }" >> try.c;
set try;
if eval $compile; then
 val="$define";
else
 val="$undef";
fi;
set $varname;
eval $setvar;
$rm_try'
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/Hasstruct.U
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```
?RCS: $Id: i_varhdr.U 1 2006-08-24 12:32:52Z rmanfredi $
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_varhdr.U,v $
?RCS: Revision 3.0.1.3  1997/02/28  15:54:42  ram
?RCS: patch61: varargs script now starts with leading "startsh"
?RCS:
?RCS: Revision 3.0.1.2  1994/10/29  16:21:02  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0.1.1  1994/05/13  15:26:05  ram
?RCS: patch27: this unit now supersedes old i_stdarg.U and i_varargs.U
?RCS: patch27: modified to avoid spurious Whoa warnings (ADO)
?RCS:
?RCS: Revision 3.0
```

```
  1993/08/18  12:08:49  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_stdarg i_varargs i_varhdr: cat +cc +ccflags rm test Setvar \
 Findhdr startsh _o
?MAKE: -pick add $@ %<
?S:i_stdarg:
?S: This variable conditionally defines the I_STDARG symbol, which
?S: indicates to the C program that <stdarg.h> exists and should
?S: be included.
?S:.
?S:i_varargs:
?S: This variable conditionally defines I_VARARGS, which indicates
?S: to the C program that it should include <varargs.h>.
?S:.
?S:i_varhdr:
?S: Contains the name of the header to be included to get va_dcl definition.
?S: Typically one of varargs.h or stdarg.h.
?S:.
?C:I_STDARG:
?C: This symbol, if defined, indicates that <stdarg.h> exists and should
?C: be included.
?C:.
?C:I_VARARGS:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <varargs.h>.
?C:.
?H:#$i_stdarg I_STDARG  /**/
?H:#$i_varargs I_VARARGS /**/
?H:.
?W:%<:va_dcl
?F:!varargs
?T:valstd
?LINT:set i_stdarg i_varargs
?X:
?X:
 Don't use setvar because the varargs test below might override these.
?X: Actually, the messages here are just informative. We don't wish to set
?X: i_varargs or i_stdarg to their final value before knowing which of the
?X: two we'll include.
?X:
: see if stdarg is available
echo " "
if $test `./findhdr stdarg.h`; then
 echo "<stdarg.h> found." >&4
 valstd="$define"
else
 echo "<stdarg.h> NOT found." >&4
```

```
 valstd="$undef"
fi

: see if varargs is available
echo " "
if $test `./findhdr varargs.h`; then
 echo "<varargs.h> found." >&4
else
 echo "<varargs.h> NOT found, but that's ok (I hope)." >&4
fi

?X:
?X: if you have stdarg.h, you need to support prototypes to actually use it;
?X: but if stdarg.h exists and the compiler doesn't support prototypes (for some
?X: bizarre reason), we'll fall back to varargs.h anyway so it's not so bad.
?X:
: set up the varargs testing programs
$cat > varargs.c <<EOP
#ifdef I_STDARG
#include <stdarg.h>
#endif
#ifdef I_VARARGS
#include <varargs.h>
#endif

#ifdef
 I_STDARG
int f(char *p, ...)
#else
int f(va_alist)
va_dcl
#endif
{
 va_list ap;
#ifndef I_STDARG
 char *p;
#endif
#ifdef I_STDARG
 va_start(ap,p);
#else
 va_start(ap);
 p = va_arg(ap, char *);
#endif
 va_end(ap);
 return 0;
}
EOP
$cat > varargs <<EOP
```

```
$startsh
if $cc -c $ccflags -D\$1 varargs.c >/dev/null 2>&1; then
 echo "true"
else
 echo "false"
fi
$rm -f varargs$_o
EOP
chmod +x varargs

: now check which varargs header should be included
echo " "
i_varhdr=''
val=''
case "$valstd" in
"$define")
 if `./varargs I_STDARG`; then
  val='stdarg.h'
 elif `./varargs I_VARARGS`; then
  val='varargs.h'
 fi
 ;;
*)
 if `./varargs I_VARARGS`; then
  val='varargs.h'
 fi
 ;;
esac
case "$val" in
'')
 echo " "
 echo "*** WHOA THERE!!! ***" >&4
 echo "    Your C compiler \"$cc\" doesn't seem to support stdarg or varargs!" >&4
 case "$knowitall" in
 '')
 echo "    I'm giving up; maybe you can try again with a different compiler?" >&4
  exit 1
  ;;
 esac
echo "I could not find the definition for va_dcl...
 You have problems..." >&4
 val="$undef"; set i_stdarg; eval $setvar
 val="$undef"; set i_varargs; eval $setvar
 ;;
*)
 set i_varhdr
 eval $setvar
 case "$i_varhdr" in
```

```
 stdarg.h)
  val="$define"; set i_stdarg; eval $setvar
  val="$undef"; set i_varargs; eval $setvar
  ;;
 varargs.h)
  val="$undef"; set i_stdarg; eval $setvar
  val="$define"; set i_varargs; eval $setvar
  ;;
 esac
 echo "We'll include <$i_varhdr> to get va_dcl definition." >&4;;
esac
$rm -f varargs*
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_varhdr.U
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_time.U,v $
?RCS: Revision 3.0.1.2  1995/07/25  14:07:43  ram
?RCS: patch56: typo fix, sytem -> system
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  16:16:38  ram
?RCS: patch36: now uses new Typedef unit to compute type information (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:07:45  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X: Maybe <sys/types.h> should be included?
?X:INC: i_systypes
?MAKE:d_time timetype: Csym Setvar Findhdr Myread Typedef
?MAKE: -pick add $@ %<
?S:d_time:
?S: This
 variable conditionally defines the HAS_TIME symbol, which indicates
?S: that the time() routine exists.  The time() routine is normally
?S: provided on UNIX systems.
?S:.
```

```
?S:timetype:
?S: This variable holds the type returned by time(). It can be long,
?S: or time_t on BSD sites (in which case <sys/types.h> should be
?S: included). Anyway, the type Time_t should be used.
?S:.
?C:HAS_TIME (TIMER):
?C: This symbol, if defined, indicates that the time() routine exists.
?C:.
?C:Time_t (TIMETYPE):
?C: This symbol holds the type returned by time(). It can be long,
?C: or time_t on BSD sites (in which case <sys/types.h> should be
?C: included).
?C:.
?H:#$d_time HAS_TIME  /**/
?H:#define Time_t $timetype  /* Time type */
?H:.
?LINT:set d_time
: see if time exists
echo " "
if set time val -f d_time; eval $csym; $val; then
 echo 'time() found.' >&4
 val="$define"
 set time_t timetype long stdio.h sys/types.h
 eval $typedef
 dflt="$timetype"
 echo " "
 rp="What type is returned by time() on this
 system?"
 . ./myread
 timetype="$ans"
else
 echo 'time() not found, hope that will do.' >&4
 val="$undef"
 timetype='int';
fi
set d_time
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_time.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_strstr.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_strstr.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:37  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_strstr: Inlibc
?MAKE: -pick add $@ %<
?S:d_strstr:
?S: This variable conditionally defines HAS_STRSTR if strstr() is
?S: available to find substrings.
?S:.
?C:HAS_STRSTR (STRSTR):
?C: This symbol, if defined, indicates that the strstr routine is
?C: available to find substrings.
?C:.
?H:#$d_strstr HAS_STRSTR /**/
?H:.
?LINT:set d_strstr
:
 see if strstr exists
set strstr d_strstr
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strstr.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: nis.U,v 3.0.1.3 1997/02/28 16:17:38 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: nis.U,v $
?RCS: Revision 3.0.1.3  1997/02/28  16:17:38  ram
?RCS: patch61: ensure suitable defaults for hostcat and friends
?RCS:
?RCS: Revision 3.0.1.2  1995/03/21  08:48:34  ram
?RCS: patch52: continued fix for NeXT NIS/NetInfo handling
```

```
?RCS:
?RCS: Revision 3.0.1.1  1995/02/15  14:16:23  ram
?RCS: patch51: now correctly handles NeXT using NIS rather than NetInfo
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:24  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:passcat
 groupcat hostcat: Myread Oldconfig test contains
?MAKE: -pick add $@ %<
?S:passcat:
?S: This variable contains a command that produces the text of the
?S: /etc/passwd file.  This is normally "cat /etc/passwd", but can be
?S: "ypcat passwd" when NIS is used.
?S: On some systems, such as os390, there may be no equivalent
?S: command, in which case this variable is unset.
?S:.
?S:groupcat:
?S: This variable contains a command that produces the text of the
?S: /etc/group file.  This is normally "cat /etc/group", but can be
?S: "ypcat group" when NIS is used.
?S: On some systems, such as os390, there may be no equivalent
?S: command, in which case this variable is unset.
?S:.
?S:hostcat:
?S: This variable contains a command that produces the text of the
?S: /etc/hosts file.  This is normally "cat /etc/hosts", but can be
?S: "ypcat hosts" when NIS is used.
?S: On some systems, such as os390, there may be no equivalent
?S: command, in which case this variable is unset.
?S:.
:
 see if we have to deal with yellow pages, now NIS.
?X: NeXT gives us some fun here, as always, by having both NIS (former YP)
?X: and NetInfo. But since it has both, it's ok to put the test inside the if.
?X: Contributed by Thomas Neumann <tom@smart.bo.open.de>.
if $test -d /usr/etc/yp || $test -d /etc/yp || $test -d /usr/lib/yp; then
@if passcat || groupcat
 case "$passcat" in
 nidump*) ;;
 *)
  case "$passcat" in
  *ypcat*) dflt=y;;
  ") if $contains '^\+' /etc/passwd >/dev/null 2>&1; then
    dflt=y
   else
    dflt=n
   fi;;
```

```
  *) dflt=n;;
  esac
  echo " "
  rp='Are you getting the passwd file via yellow pages?'
  . ./myread
  case "$ans" in
  y*) passcat='ypcat passwd'
@if groupcat
   echo "(Assuming /etc/group is also distributed.)"
   groupcat='ypcat group'
@end
   ;;
  *) passcat='cat /etc/passwd'
@if groupcat
   echo "(Assuming /etc/group is also local.)"
   groupcat='cat /etc/group'
@end
   ;;
  esac
  ;;
 esac
@end
@if hostcat
 case "$hostcat" in
 nidump*) ;;
 *)
  case
 "$hostcat" in
  *ypcat*) dflt=y;;
  ") if $contains '^\+' /etc/passwd >/dev/null 2>&1; then
    dflt=y
   else
    dflt=n
   fi;;
  *) dflt=n;;
  esac
  echo " "
  rp='Are you getting the hosts file via yellow pages?'
  . ./myread
  case "$ans" in
  y*) hostcat='ypcat hosts';;
  *) hostcat='cat /etc/hosts';;
  esac
  ;;
 esac
@end
fi
?X: Ensure suitable default -- Manoj Srivastava
```

```
case "$hostcat" in
") test -f /etc/hosts && hostcat='cat /etc/hosts';;
esac
case "$groupcat" in
") test -f /etc/group && groupcat='cat /etc/group';;
esac
case "$passcat" in
") test -f /etc/passwd && passcat='cat /etc/passwd';;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/nis.U
No license file was found, but licenses were detected in source scan.

```
?RCS: Copyright (c) 2017-2018, H.Merijn Brand
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?MAKE:d_mkostemp: Inlibc
?MAKE: -pick add $@ %<
?S:d_mkostemp:
?S: This variable conditionally defines HAS_MKOSTEMP if mkostemp() is
?S: available to exclusively create and open a uniquely named (with a
?S: suffix) temporary file.
?S:.
?C:HAS_MKOSTEMP:
?C: This symbol, if defined, indicates that the mkostemp routine is
?C: available to exclusively create and open a uniquely named (with a
?C: suffix) temporary file.
?C:.
?H:#$d_mkostemp HAS_MKOSTEMP /**/
?H:.
?LINT:set d_mkostemp
: see if mkostemp exists
set mkostemp d_mkostemp
eval $inlibc
```

Found
 in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_mkostemp.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_wifstat.U,v 3.0.1.3 1997/02/28 15:47:43 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_wifstat.U,v $
?RCS: Revision 3.0.1.3  1997/02/28  15:47:43  ram
?RCS: patch61: added a ?F: metalint hint
?RCS:
?RCS: Revision 3.0.1.2  1995/07/25  14:09:10  ram
?RCS: patch56: re-arranged compile line to include ldflags before objects
?RCS:
?RCS: Revision 3.0.1.1  1995/03/21  08:47:46  ram
?RCS: patch52: created
?RCS:
?MAKE:d_wifstat: Compile d_uwait Oldconfig cat rm
?MAKE: -pick add $@ %<
?S:d_wifstat:
?S: This symbol conditionally defines USE_WIFSTAT
 if the C program can
?S: safely use the WIFxxx macros with the kind of wait() parameter
?S: declared in the program (see UNION_WAIT), or if it can't. Should
?S: only matter on HP-UX, where the macros are incorrectly written and
?S: therefore cause programs using them with an 'union wait' variable
?S: to not compile properly.
?S:.
?C:USE_WIFSTAT:
?C: This symbol, if defined, indicates to the C program that the argument
?C: for the WIFxxx set of macros such as WIFSIGNALED or WIFEXITED can
?C: be of the same kind as the one used to hold the wait() status. Should
?C: only matter on HP-UX, where the macros are incorrectly written and
?C: therefore cause programs using them with an 'union wait' variable
?C: to not compile properly. See also UNION_WAIT.
?C:.
?H:#$d_wifstat USE_WIFSTAT  /**/
?H:.
?T:type
?F:!foo
: see if we can use WIFxxx macros
echo " "
case "$d_wifstat" in
"$define") echo "As before, you can safely use WIFEXITED and friends!" >&4;;
"$undef") echo "You still can't use WIFEXITED
```

```
 and friends!" >&4;;
*)
 echo "Let's see whether you can use the WIFEXITED(status) macro and its"
 case "$d_uwait" in
 "$define") type='union wait';;
 *) type='int';;
 esac
 echo "friends with status declared as '$type status'..."
 $cat >foo.c <<EOCP
#include <sys/types.h>
#include <sys/wait.h>

int main()
{
 $type status;
 int e = 0;

#ifdef WIFEXITED
 if (WIFEXITED(status))
  printf("\n");
 exit(0);
#else
 exit(2);
#endif
}
EOCP
 d_wifstat="$undef"
 set foo
 if eval $compile; then
  if ./foo >/dev/null; then
   echo "Great! Looks like we can use the WIFxxx macros." >&4
   d_wifstat="$define"
  else
   echo "You don't seem to have WIFxxx macros, but that's ok." >&4
  fi
 else
  echo "Apparently you can't use WIFxxx macros properly." >&4
 fi
 $rm -f foo.* foo core
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_wifstat.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: sitebin.U,v $

```
?RCS:
?RCS: Copyright (c) 1999 Andy Dougherty
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: sitebin.U,v $
?RCS:
?MAKE:sitebin sitebinexp installsitebin : Getfile Oldconfig \
 Setprefixvar siteprefix
?MAKE: -pick add $@ %<
?Y:TOP
?D:sitebin=''
?S:sitebin:
?S: This variable holds the name of the directory in which the user wants
?S: to put add-on publicly executable files for the package in question.  It
?S: is most often a local directory such as /usr/local/bin. Programs using
?S: this variable must be prepared to deal with ~name substitution.
?S: The standard distribution will put nothing
 in this directory.
?S: After perl has been installed, users may install their own local
?S: executables in this directory with
?S:  MakeMaker Makefile.PL
?S: or equivalent.  See INSTALL for details.
?S:.
?D:sitebinexp=''
?S:sitebinexp:
?S: This is the same as the sitebin variable, but is filename expanded at
?S: configuration time, for use in your makefiles.
?S:.
?D:installsitebin=''
?S:installsitebin:
?S: This variable is usually the same as sitebinexp, unless you are on
?S: a system running AFS, in which case they may differ slightly. You
?S: should always use this variable within your makefiles for portability.
?S:.
?LINT:change prefixvar
?LINT:set installsitebin
?LINT:set sitebin
?LINT:set sitebinexp
: determine where add-on public executables go
case "$sitebin" in
'') dflt=$siteprefix/bin ;;
*) dflt=$sitebin ;;
esac
```

```
fn=d~
rp='Pathname where the add-on public executables should be installed?'
. ./getfile
prefixvar=sitebin
. ./setprefixvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/sitebin.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2001 Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_flockproto: Hasproto i_sysfile
?MAKE: -pick add $@ %<
?S:d_flockproto:
?S: This variable conditionally defines the HAS_FLOCK_PROTO symbol,
?S: which indicates to the C program that the system provides
?S: a prototype for the flock() function.  Otherwise, it is
?S: up to the program to supply one.
?S:.
?C:HAS_FLOCK_PROTO:
?C: This symbol, if defined, indicates that the system provides
?C: a prototype for the flock() function.  Otherwise, it is up
?C: to the program to supply one.  A good guess is
?C:  extern int flock(int,
 int);
?C:.
?H:#$d_flockproto HAS_FLOCK_PROTO /**/
?H:.
?LINT:set d_flockproto
: see if prototype for flock is available
echo " "
set d_flockproto flock $i_sysfile sys/file.h
eval $hasproto
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_flockproto.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_mntent.U,v $
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_mntent: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_mntent:
?S: This variable conditionally defines the I_MNTENT symbol, and indicates
?S: whether a C program should include <mntent.h>.
?S:.
?C:I_MNTENT:
?C: This symbol, if defined, indicates that <mntent.h> exists and
?C: should be included.
?C:.
?H:#$i_mntent I_MNTENT  /**/
?H:.
?LINT:set i_mntent
: see if this is a mntent.h system
set mntent.h i_mntent
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_mntent.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: vendorhtml1dir.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera $
?RCS:
?RCS: Copyright (c) 1999, Andy Dougherty
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: vendorhtml1dir.U,v $
?RCS: Revision 1.1  1999/07/08 18:32:57  doughera
?RCS: Initial revision
?RCS:
?MAKE:vendorhtml1dir vendorhtml1direxp installvendorhtml1dir: html1dir Getfile \
 Setprefixvar Oldconfig Prefixit test vendorprefix prefix sed
?MAKE: -pick add $@ %<
```

```
?Y:TOP
?S:vendorhtml1dir:
?S: This variable contains the name of the directory for html
?S: pages.  It may have a ~ on the front.
?S: The standard distribution will put nothing in this
 directory.
?S: Vendors who distribute perl may wish to place their own
?S: html pages in this directory with
?S:  MakeMaker Makefile.PL INSTALLDIRS=vendor
?S: or equivalent.  See INSTALL for details.
?S:.
?S:vendorhtml1direxp:
?S: This variable is the ~name expanded version of vendorhtml1dir, so that you
?S: may use it directly in Makefiles or shell scripts.
?S:.
?D:installvendorhtml1dir=''
?S:installvendorhtml1dir:
?S: This variable is really the same as vendorhtml1direxp but may differ on
?S: those systems using AFS. For extra portability, only this variable
?S: should be used in makefiles.
?S:.
?LINT:change prefixvar
?LINT:set installvendorhtml1dir
: Set the vendorhtml1dir variables
case "$vendorprefix" in
'') vendorhtml1dir=''
 vendorhtml1direxp=''
 ;;
*) : determine where vendor-supplied html pages go.
 : There is no standard location, so try to copy the previously-selected
 : directory structure for the core html pages.
 : XXX Better default suggestions would be welcome.
 case "$vendorhtml1dir"
 in
 '') dflt=`echo "$html1dir" | $sed "s#^$prefix#$vendorprefix#"` ;;
 *) dflt=$vendorhtml1dir ;;
 esac
 case "$dflt" in
 '|' ') dflt=none ;;
 esac
 fn=dn+~
 rp='Pathname for the vendor-supplied html pages?'
 . ./getfile
 vendorhtml1dir="$ans"
 vendorhtml1direxp="$ansexp"
 ;;
esac
: Use ' ' for none so value is preserved next time through Configure
```

```
$test X"$vendorhtml1dir" = "X" && vendorhtml1dir=' '
prefixvar=vendorhtml1dir
. ./installprefix
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/vendorhtml1dir.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Warn_v7ND.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Warn_v7ND.U,v $
?RCS: Revision 3.0.1.1  1994/10/29  16:01:46  ram
?RCS: patch36: call ./v7 explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:18  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit warns V7 sites that they may not have a non-blocking read.
?X: This unit needs to be mentioned in End.U to get included.
?X:
?MAKE:Warn_v7ND: package Guess
?MAKE: -pick add $@ %<
: Warnings
if ./v7; then
 cat
 <<EOM

NOTE: many V7 systems do not have a way to do a non-blocking read.  If you
don't have any of FIONREAD, O_NDELAY, or rdchk(), the $package package
may not work as well as it might.  It might not work at all.
EOM
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Warn_v7ND.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_tzmin.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_tzmin.U,v $
?RCS: Revision 3.0.1.1  1994/10/29  16:16:58  ram
?RCS: patch36: call ./bsd explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0  1993/08/18  12:07:49  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_tzmin: contains cppstdin cppminus timeincl rm Setvar Guess
?MAKE: -pick add $@ %<
?S:d_tzmin:
?S: This symbol conditionally defines TZ_MINUTESWEST if the system uses
?S: tz_minuteswest in time header instead of timezone.
?S:.
?C:TZ_MINUTESWEST:
?C: This
 symbol is defined if this system uses tz_minuteswest
?C: in time header instead of timezone.
?C: If not defined, you may have to use struct timeb and ftime() rather
?C: than the new gettimeofday() system call.
?C:.
?H:#$d_tzmin TZ_MINUTESWEST  /**/
?H:.
?LINT:set d_tzmin
: see if tz_minuteswest is defined in time header
echo " "
val="$undef"
$cppstdin $cppminus < $timeincl > try 2>&1
if $contains 'tz_minuteswest' try >/dev/null 2>&1; then
echo "You have tz_minuteswest defined in $timeincl rather than timezone." >&4
 val="$define"
elif $contains 'timezone' try >/dev/null 2>&1; then
echo "You have timezone defined in $timeincl rather than tz_minuteswest." >&4
else
 echo "Your $timeincl file looks strange." >&4
fi
if ./bsd; then
 case "$d_tzmin" in
 "$undef") echo "(Maybe your system is an USG one after all?)";;
```

```
 esac
fi
set d_tzmin
eval $setvar
$rm -f try
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_tzmin.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getnbyad.U,v $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_getnbyname: Inlibc
?MAKE: -pick add $@ %<
?S:d_getnbyname:
?S: This variable conditionally defines the HAS_GETNETBYNAME symbol, which
?S: indicates to the C program that the getnetbyname() routine is available
?S: to look up networks by their names.
?S:.
?C:HAS_GETNETBYNAME:
?C: This symbol, if defined, indicates that the getnetbyname() routine is
?C: available to look up networks by their names.
?C:.
?H:#$d_getnbyname HAS_GETNETBYNAME  /**/
?H:.
?LINT:set d_getnbyname
: see if getnetbyname exists
set getnetbyname d_getnbyname
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_getnbynm.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setnent.U,v 3.0 1993/08/18 12:06:09 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_setnent.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:09  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setnent: Inlibc
?MAKE: -pick add $@ %<
?S:d_setnent:
?S: This variable conditionally defines HAS_SETNETENT if setnetent() is
?S: available.
?S:.
?C:HAS_SETNETENT:
?C: This symbol, if defined, indicates that the setnetent() routine is
?C: available.
?C:.
?H:#$d_setnent HAS_SETNETENT  /**/
?H:.
?LINT:set d_setnent
: see if setnetent exists
set
 setnetent d_setnent
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_setnent.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Extractall.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Extractall.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  15:00:43  ram
?RCS: patch61: created
?RCS:
?X:
?X: If extraction has been requested, load the configuration file, perform
?X: the extraction and exit.
?X:
```

```
?X: This unit was originally a part of Options.U. It had to be removed from
?X: it to prevent a dependency cycle: Extract -> src -> Options -> Extract
?X: The Begin.U unit now requires us before beginning to do anything
?X: interesting, to ensure
 proper semantics. -- RAM, 15/03/96
?X:
?MAKE:Extractall: Extract Options
?MAKE: -pick wipe $@ %<
: extract files and exit if asked to do so
case "$extractsh" in
true)
?X: Undo the forced silent=true when -S was supplied, by probing realsilent
?X: which was set iff -s was also given. See Options.U for details.
 case "$realsilent" in
 true) ;;
 *) exec 1>&4;;
 esac
 case "$config_sh" in
 ") config_sh='config.sh';;
 esac
 echo " "
 echo "Fetching answers from $config_sh..."
 cd ..
 . $config_sh
?X: extract has to be run from the top directory, not within UU.
 . UU/optdef.sh
 echo " "
?X: extract has to be run from the top directory, not within UU.
 . UU/extract
 rm -rf UU
 echo "Extraction done."
 exit 0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Extractall.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setservent_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
```

```
?MAKE:d_setservent_r setservent_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_setservent_r:
?S: This variable conditionally defines the HAS_SETSERVENT_R symbol,
?S: which indicates to the C program that the setservent_r()
?S: routine is available.
?S:.
?S:setservent_r_proto:
?S: This variable encodes the prototype of setservent_r.
?S: It is zero if d_setservent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_setservent_r
?S: is defined.
?S:.
?C:HAS_SETSERVENT_R:
?C: This symbol, if defined, indicates that the setservent_r routine
?C: is
 available to setservent re-entrantly.
?C:.
?C:SETSERVENT_R_PROTO:
?C: This symbol encodes the prototype of setservent_r.
?C: It is zero if d_setservent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_setservent_r
?C: is defined.
?C:.
?H:#$d_setservent_r HAS_SETSERVENT_R /**/
?H:#define SETSERVENT_R_PROTO $setservent_r_proto /**/
?H:.
?T:try hdrs d_setservent_r_proto
: see if setservent_r exists
set setservent_r d_setservent_r
eval $inlibc
case "$d_setservent_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
 case "$d_setservent_r_proto:$usethreads" in
 ":define") d_setservent_r_proto=define
  set d_setservent_r_proto setservent_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_setservent_r_proto" in
 define)
 case "$setservent_r_proto" in
 "|0) try='int setservent_r(int, struct servent_data*);'
 ./protochk "$extern_C $try" $hdrs && setservent_r_proto=I_ID ;;
 esac
 case "$setservent_r_proto" in
```

```
"|0) try='void
setservent_r(int, struct servent_data*);'
./protochk "$extern_C $try" $hdrs && setservent_r_proto=V_ID ;;
esac
case "$setservent_r_proto" in
"|0) d_setservent_r=undef
 setservent_r_proto=0
 echo "Disabling setservent_r, cannot determine prototype." >&4 ;;
* ) case "$setservent_r_proto" in
 REENTRANT_PROTO*) ;;
 *) setservent_r_proto="REENTRANT_PROTO_$setservent_r_proto" ;;
 esac
 echo "Prototype: $try" ;;
esac
;;
*) case "$usethreads" in
 define) echo "setservent_r has no prototype, not using it." >&4 ;;
 esac
 d_setservent_r=undef
 setservent_r_proto=0
 ;;
esac
;;
*) setservent_r_proto=0
;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_setservent_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999, Jarkko Hietaniemi
?RCS:
?RCS: This file is included with or a derivative work of a file included
?RCS: with the metaconfig program of Raphael Manfredi's "dist" distribution.
?RCS: In accordance with clause 7 of dist's modified Artistic License:
?RCS:
?RCS:     You may distribute under the terms of either the GNU General Public
?RCS:     License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:multiarch: osname
?MAKE: -pick add $@ %<
?S:multiarch:
?S: This variable conditionally defines the MULTIARCH symbol
?S: which signifies the presence of multiplatform files.
```

```
?S: This is normally set by hints files.
?S:.
?C:MULTIARCH:
?C: This symbol, if defined, signifies that the build
?C: process will produce some binary files that are going to be
?C: used in a cross-platform environment.  This is the case for
?C: example with the NeXT "fat" binaries that contain executables
?C: for
 several CPUs.
?C:.
?H:#$multiarch MULTIARCH  /**/
?H:.
: Check if is a multiplatform env
case "$osname" in
darwin) multiarch="$define" ;;
esac
case "$multiarch" in
"|[nN]*) multiarch="$undef" ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/a_dvisory/multiarch.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: archlib.U,v 3.1 1999/07/08 18:32:29 doughera Exp doughera $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: This file is included with or a derivative work of a file included
?RCS: with the metaconfig program of Raphael Manfredi's "dist" distribution.
?RCS: In accordance with clause 7 of dist's modified Artistic License:
?RCS:
?RCS:     You may distribute under the terms of either the GNU General Public
?RCS:     License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: archlib.U,v $
?RCS: Revision 3.1  1999/07/08 18:32:29  doughera
?RCS: Updated for perl5.005_5x
?RCS:
?RCS:
?RCS: Revision 3.0.1.4  1995/09/25  09:15:18  ram
?RCS: patch59: unit is now forced to the top of Configure, if possible
?RCS:
?RCS: Revision 3.0.1.3  1995/02/15  14:14:14  ram
?RCS: patch51: architecture name is now
```

```
 computed by a separate unit
?RCS:
?RCS: Revision 3.0.1.2  1995/01/30  14:32:22  ram
?RCS: patch49: archname is now systematically recomputed
?RCS: patch49: can now handle installation prefix changes (from WED)
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  16:02:36  ram
?RCS: patch36: created by ADO
?RCS:
?MAKE:d_archlib archlib archlibexp installarchlib: \
 cat Getfile Setprefixvar Loc Oldconfig archname spackage  \
 privlib sed test Prefixit Prefixup binexp
?MAKE: -pick add $@ %<
?Y:TOP
?S:d_archlib:
?S: This variable conditionally defines ARCHLIB to hold the pathname
?S: of architecture-dependent library files for $package.  If
?S: $archlib is the same as $privlib, then this is set to undef.
?S:.
?D:archlib=''
?S:archlib:
?S: This variable holds the name of the directory in which the user wants
?S: to put architecture-dependent public library files for $package.
?S: It is most often a local directory such as /usr/local/lib.
?S: Programs using this variable must be prepared to deal
?S: with
 filename expansion.
?S:.
?D:archlibexp=''
?S:archlibexp:
?S: This variable is the same as the archlib variable, but is
?S: filename expanded at configuration time, for convenient use.
?S:.
?D:installarchlib=''
?S:installarchlib:
?S: This variable is really the same as archlibexp but may differ on
?S: those systems using AFS. For extra portability, only this variable
?S: should be used in makefiles.
?S:.
?C:ARCHLIB:
?C: This variable, if defined, holds the name of the directory in
?C: which the user wants to put architecture-dependent public
?C: library files for $package.  It is most often a local directory
?C: such as /usr/local/lib.  Programs using this variable must be
?C: prepared to deal with filename expansion.  If ARCHLIB is the
?C: same as PRIVLIB, it is not defined, since presumably the
?C: program already searches PRIVLIB.
?C:.
```

```
?C:ARCHLIB_EXP:
?C: This symbol contains the ~name expanded version of ARCHLIB, to be used
?C: in programs that are not prepared to deal with ~ expansion
 at run-time.
?C:.
?H:#$d_archlib ARCHLIB "$archlib"  /**/
?H:#$d_archlib ARCHLIB_EXP "$archlibexp"  /**/
?H:.
?T: tdflt
?LINT:change prefixvar
?LINT:set archlib
?LINT:set archlibexp
?LINT:set installarchlib
: determine where public architecture dependent libraries go
set archlib archlib
eval $prefixit
: privlib default is /usr/local/lib/$package/$version
: archlib default is /usr/local/lib/$package/$version/$archname
: privlib may have an optional trailing /share.
tdflt=`echo $privlib | $sed 's,/share$,,'`
tdflt=$tdflt/$archname
case "$archlib" in
") dflt=$tdflt
 ;;
*) dflt="$archlib"
   ;;
esac
$cat <<EOM

$spackage contains architecture-dependent library files.  If you are
sharing libraries in a heterogeneous environment, you might store
these files in a separate location.  Otherwise, you can just include
them with the rest of the public library files.

EOM
?X: Force dependency on bin.U
fn=$binexp
fn=d+~
rp='Where do you want to put the public architecture-dependent libraries?'
.
 ./getfile
prefixvar=archlib
. ./setprefixvar
if $test X"$archlib" = X"$privlib"; then
 d_archlib="$undef"
else
 d_archlib="$define"
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/archlib.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_times.U,v 3.0.1.2 1995/07/25 14:07:50 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_times.U,v $
?RCS: Revision 3.0.1.2  1995/07/25  14:07:50  ram
?RCS: patch56: typo fix, sytem -> system
?RCS:
?RCS: Revision 3.0.1.1  1994/08/29  16:14:00  ram
?RCS: patch32: now uses new Typedef unit to compute type information
?RCS:
?RCS: Revision 3.0  1993/08/18  12:07:46  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: What is the type returned by times() ?
?X:
?X: Force inclusion of <sys/types.h>
?X:INC: i_systypes
?MAKE:d_times clocktype:
 Csym Myread Typedef i_systimes
?MAKE: -pick add $@ %<
?S:d_times:
?S: This variable conditionally defines the HAS_TIMES symbol, which indicates
?S: that the times() routine exists.  The times() routine is normally
?S: provided on UNIX systems. You may have to include <sys/times.h>.
?S:.
?S:clocktype:
?S: This variable holds the type returned by times(). It can be long,
?S: or clock_t on BSD sites (in which case <sys/types.h> should be
?S: included).
?S:.
?C:HAS_TIMES (TIMES):
?C: This symbol, if defined, indicates that the times() routine exists.
?C: Note that this became obsolete on some systems (SUNOS), which now
?C: use getrusage(). It may be necessary to include <sys/times.h>.
```

```
?C:.
?C:Clock_t (CLOCKTYPE):
?C: This symbol holds the type returned by times(). It can be long,
?C: or clock_t on BSD sites (in which case <sys/types.h> should be
?C: included).
?C:.
?H:#$d_times HAS_TIMES  /**/
?H:#define Clock_t $clocktype /* Clock time */
?H:.
?T:val inc
: see if times exists
echo "
 "
if set times val -f d_times; eval $csym; $val; then
 echo 'times() found.' >&4
 d_times="$define"
 inc=''
 case "$i_systimes" in
 "$define") inc='sys/times.h';;
 esac
 rp="What is the type returned by times() on this system?"
 set clock_t clocktype long stdio.h sys/types.h $inc
 eval $typedef_ask
else
 echo 'times() NOT found, hope that will do.' >&4
 d_times="$undef"
?X: The following is needed for typedef (won't like an empty variable)
 clocktype='int'
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/d_times.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_frexpl: Inlibc
?MAKE: -pick add $@ %<
?S:d_frexpl:
?S: This variable conditionally defines the HAS_FREXPL symbol, which
?S: indicates to the C program that the frexpl() routine is available.
?S:.
```

```
?C:HAS_FREXPL:
?C: This symbol, if defined, indicates that the frexpl routine is
?C: available to break a long double floating-point number into
?C: a normalized fraction and an integral power of 2.
?C:.
?H:#$d_frexpl HAS_FREXPL  /**/
?H:.
?LINT:set d_frexpl
: see if frexpl exists
set frexpl d_frexpl
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_frexpl.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_syscall.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_syscall.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:42  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_syscall: Inlibc
?MAKE: -pick add $@ %<
?S:d_syscall:
?S: This variable conditionally defines HAS_SYSCALL if syscall() is
?S: available call arbitrary system calls.
?S:.
?C:HAS_SYSCALL (SYSCALL):
?C: This symbol, if defined, indicates that the syscall routine is
?C: available to call arbitrary system calls. If undefined, that's tough.
?C:.
?H:#$d_syscall
 HAS_SYSCALL /**/
?H:.
?LINT:set d_syscall
: see if syscall exists
set syscall d_syscall
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_syscall.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysioctl.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_sysioctl.U,v $
?RCS: Revision 3.0.1.2  1994/05/06  15:04:57  ram
?RCS: patch23: added knowledge for <sys/filio.h> (WED)
?RCS: patch23: optimized amount of findhdr calls
?RCS:
?RCS: Revision 3.0.1.1  1993/11/10  17:36:09  ram
?RCS: patch14: now use a compiler check for TIOCNOTTY because of HP-UX 9.x
?RCS:
?RCS: Revision 3.0  1993/08/18  12:08:32  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_sysioctl i_bsdioctl i_sysfilio i_syssockio
 d_voidtty: test contains \
 cat i_termio i_termios i_sgtty Setvar Findhdr +cc rm Inhdr
?MAKE: -pick add $@ %<
?S:i_sysioctl:
?S: This variable conditionally defines the I_SYS_IOCTL symbol, which
?S: indicates to the C program that <sys/ioctl.h> exists and should
?S: be included.
?S:.
?S:i_sysfilio:
?S: This variable conditionally defines the I_SYS_FILIO symbol, which
?S: indicates to the C program that <sys/filio.h> exists and should
?S: be included in preference to <sys/ioctl.h>.
?S:.
?S:i_bsdioctl:
?S: This variable conditionally defines the I_SYS_BSDIOCTL symbol, which
?S: indicates to the C program that <sys/bsdioctl.h> exists and should
?S: be included.
?S:.
?S:i_syssockio:
?S: This variable conditionally defines I_SYS_SOCKIO to indicate to the
```

```
?S: C program that socket ioctl codes may be found in <sys/sockio.h>
?S: instead of <sys/ioctl.h>.
?S:.
?S:d_voidtty:
?S: This variable conditionally defines USE_IOCNOTTY to indicate that the
?S: ioctl() call with TIOCNOTTY should be used
 to void tty association.
?S: Otherwise (on USG probably), it is enough to close the standard file
?S: descriptors and do a setpgrp().
?S:.
?C:I_SYS_IOCTL (I_SYSIOCTL):
?C: This symbol, if defined, indicates that <sys/ioctl.h> exists and should
?C: be included. Otherwise, include <sgtty.h> or <termio.h>.
?C:.
?C:I_SYS_FILIO:
?C: This symbol, if defined, indicates that <sys/filio.h> exists and
?C: should be included instead of <sys/ioctl.h>.
?C:.
?C:I_SYS_BSDIOCTL (I_BSDIOCTL):
?C: This symbol, if defined, indicates that <sys/bsdioctl.h> exists and should
?C: be included. Otherwise, try <sys/ioctl.h>. This is primarly intended for
?C: definitions of sockets options, like SIOCATMARK.
?C:.
?C:I_SYS_SOCKIO (I_SYSSOCKIO):
?C: This symbol, if defined, indicates the <sys/sockio.h> should be included
?C: to get socket ioctl options, like SIOCATMARK.
?C:.
?C:USE_TIOCNOTTY (VOIDTTY):
?C: This symbol, if defined indicate to the C program that the ioctl()
?C: call with TIOCNOTTY should be used
 to void tty association.
?C: Otherwise (on USG probably), it is enough to close the standard file
?C: descriptors and do a setpgrp().
?C:.
?H:#$i_sysioctl I_SYS_IOCTL  /**/
?H:#$i_sysfilio I_SYS_FILIO  /**/
?H:#$i_bsdioctl I_SYS_BSDIOCTL  /**/
?H:#$i_syssockio I_SYS_SOCKIO /**/
?H:#$d_voidtty USE_TIOCNOTTY /**/
?H:.
?T:xxx
: see if ioctl defs are in sgtty, termio, sys/filio or sys/ioctl
?LINT:set i_sysfilio
set sys/filio.h i_sysfilio
eval $inhdr
echo " "
if $test `./findhdr sys/ioctl.h`; then
 val="$define"
```

```
 echo '<sys/ioctl.h> found.' >&4
else
 val="$undef"
 if $test $i_sysfilio = "$define"; then
     echo '<sys/ioctl.h> NOT found.' >&4
 else
  $test $i_sgtty = "$define" && xxx="sgtty.h"
  $test $i_termio = "$define" && xxx="termio.h"
  $test $i_termios = "$define" && xxx="termios.h"
echo "No <sys/ioctl.h> found, assuming ioctl args are defined in <$xxx>." >&4
 fi
fi
?LINT:set i_sysioctl
set i_sysioctl
eval $setvar

@if I_BSDIOCTL || i_bsdioctl
?X:
?X: The only machine I know where this
 inclusion was necessary is a
?X: BULL DPX 5000 (a French machine).
?X:
: see if socket ioctl defs are in sys/bsdioctl or sys/ioctl
echo " "
xxx=`./findhdr sys/bsdioctl.h`
if $test "$xxx"; then
 if $contains SIOCATMARK $xxx >/dev/null 2>&1; then
  val="$define"
  echo "You have socket ioctls defined in <sys/bsdioctl.h>." >&4
 else
  val="$undef"
  echo "No socket ioctls found in <sys/bsdioctl.h>." >&4
 fi
else
 val="$undef"
 echo "<sys/bsdioctl.h> not found, but that's ok." >&4
fi
?LINT:set i_bsdioctl
set i_bsdioctl
eval $setvar

@end
@if I_SYSSOCKIO || i_syssockio
: see if socket ioctl defs are in sys/sockio.h
echo " "
xxx=`./findhdr sys/sockio.h`
if $test "$xxx"; then
 if $contains SIOCATMARK $xxx >/dev/null 2>&1; then
```

```
  val="$define"
  echo "You have socket ioctls defined in <sys/sockio.h>." >&4
 else
  val="$undef"
  echo "No socket ioctls found in <sys/sockio.h>." >&4
 fi
else
 val="$undef"
@if I_BSDIOCTL
 case "$i_bsdioctl" in
 "$define") $cat <<EOM
<sys/sockio.h> not found, using
 ioctls from <sys/bsdioctl.h>.
EOM
 ;;
 *) $cat <<EOM
<sys/sockio.h> not found, assuming socket ioctls are in <sys/ioctl.h>.
EOM
 ;;
 esac
@else
 $cat <<EOM
<sys/sockio.h> not found, assuming socket ioctls are in <sys/ioctl.h>.
EOM
@end
fi
?LINT:set i_syssockio
set i_syssockio
eval $setvar

@end
@if VOIDTTY || d_voidtty
: check how to void tty association
echo " "
case "$i_sysioctl" in
"$define") xxx='sys/ioctl.h';;
?X: otherwise $xxx was set during the determination of i_sysioctl, above.
esac
?X:
?X: Can't use $contains here since HP-UX 9.x has TIOCNOTTY between a pair
?X: of #ifdef/#endif and is never actually defined. Oh well...
?X:
$cat > tcio.c <<EOM
#include <sys/types.h> /* Just in case */
#include <$xxx>

int main()
{
```

```
#ifdef TIOCNOTTY
 exit(0);
#else
 exit(1);
#endif
}
EOM
if ($cc -o tcio tcio.c && ./tcio) >/dev/null 2>&1; then
 val="$define"
 echo "TIOCNOTTY found in <$xxx>." >&4
 echo "Using ioctl() call on /dev/tty to void tty association." >&4
else
 val="$undef"
 echo "Closing
 standard file descriptors should void tty association." >&4
fi
?LINT:set d_voidtty
set d_voidtty
eval $setvar
$rm -f tcio tcio.? core

@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_sysioctl.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: filexp.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: filexp.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:08  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:filexp: privlib
?MAKE: -pick add $@ %<
?S:filexp:
?S: This symbol contains the full pathname of the filexp script, in case we
?S: are saving the script for posterity.
?S:.
```

```
: must not allow self reference
case "$privlib" in
 /*)
 filexp=$privlib/filexp
 ;;
 *)
 filexp=`pwd`/filexp
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/filexp_path.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_sigprocmask: Inlibc
?MAKE: -pick add $@ %<
?S:d_sigprocmask:
?S: This variable conditionally defines HAS_SIGPROCMASK
?S: if sigprocmask() is available to examine or change the signal mask
?S: of the calling process.
?S:.
?C:HAS_SIGPROCMASK:
?C: This symbol, if defined, indicates that the sigprocmask
?C: system call is available to examine or change the signal mask
?C: of the calling process.
?C:.
?H:#$d_sigprocmask HAS_SIGPROCMASK  /**/
?H:.
?LINT:set d_sigprocmask
: see if sigprocmask exists
set sigprocmask d_sigprocmask
eval
 $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_sigprocmask.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_getpwent.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:17  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_getpwent: Csym Setvar
?MAKE: -pick add $@ %<
?S:d_getpwent:
?S: This variable conditionally defines the HAS_GETPWENT symbol, which
?S: indicates to the C program that it should use the getpwent()
?S: routine instead of the getpw() routine.
?S:.
?C:HAS_GETPWENT (GETPWENT):
?C: This symbol, if defined, indicates that the getpwent() routine
?C: should be used instead of the getpw()
 routine.
?C:.
?H:#$d_getpwent HAS_GETPWENT /**/
?H:.
?LINT:set d_getpwent
: see if there is a getpwent
echo " "
if set getpwent val -f d_getpwent; eval $csym; $val; then
 echo "getpwent() found." >&4
 val="$define"
else
 echo "No getpwent() found -- will use getpw() instead." >&4
 val="$undef"
fi
set d_getpwent
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_getpwent.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: d_passwd.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_passwd.U,v $
?RCS: Revision 3.0.1.2 1997/02/28 15:37:21 ram
?RCS: patch61: useless unit dropped.
?RCS:
?RCS: Revision 3.0.1.1 1994/08/29 16:09:51 ram
?RCS: patch32: created by ADO
?RCS:
?X:
?X: Useless unit dropped.
?X:
?LINT:empty

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_passwd.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: Obsol_sh.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Obsol_sh.U,v $
?RCS: Revision 3.0 1993/08/18 12:05:11 ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This file is prepended to .MT/Obsol_sh if that file is not empty. That file
?X: contains the necessary mappings of new symbols to obsolete ones.
?X:
?MAKE:Obsol_sh:

```
?MAKE: -pick prepend $@ ./Obsol_sh
?LINT:nocomment
#
# The following symbols are obsolete. They are mapped to the the new
# symbols only to ease the transition process.
 The sources should be
# updated so as to use the new symbols only, since supporting of those
# obsolete symbols may end without notice.
#
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Obsol_sh.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_speedopt.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_speedopt.U,v $
?RCS: Revision 3.0.1.1  1994/10/29  16:15:51  ram
?RCS: patch36: call ./Cppsym explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0  1993/08/18  12:07:27  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_speedopt: Myread Cppsym Oldconfig cat models Setvar
?MAKE: -pick add $@ %<
?S:d_speedopt:
?S: This variable conditionally defines the SPEED_OVER_MEM symbol, which
?S: indicates to the C program that it can
 burn memory in order to save
?S: CPU time.
?S:.
?C:SPEED_OVER_MEM (SPEEDOVERMEM):
?C: This symbol, if defined, indicates that the program can use more
?C: memory in order to reduce CPU time.  The symbol doesn't say whether
?C: we are more interested in saving text space or data space.
?C:.
?H:#$d_speedopt SPEED_OVER_MEM /**/
?H:.
?LINT:set d_speedopt
```

```
: do we want speed at the expense of memory
$cat <<'EOM'

I can try to optimize this package for either speed or memory.  If you have
limited address space you may wish to optimize for memory.  Otherwise you
should probably optimize for speed.

EOM
case "$d_speedopt" in
") if ./Cppsym $smallmach; then
 case "$models" in
  *large*|*huge*) dflt=speed;;
  *) dflt=memory;;
  esac
 else
  dflt=speed
 fi
 ;;
*define*) dflt=speed;;
*) dflt=memory;;
esac
rp="What to optimize for?"
. ./myread
case "$ans" in
mem*) val="$undef";;
*) val="$define";;
esac
set d_speedopt
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_speedopt.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
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?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_getspnam: Inlibc
?MAKE: -pick add $@ %<
?S:d_getspnam:
```

```
?S: This variable conditionally defines HAS_GETSPNAM if getspnam() is
?S: available to retrieve SysV shadow password entries by name.
?S:.
?C:HAS_GETSPNAM:
?C: This symbol, if defined, indicates that the getspnam system call is
?C: available to retrieve SysV shadow password entries by name.
?C:.
?H:#$d_getspnam HAS_GETSPNAM  /**/
?H:.
?LINT:set d_getspnam
: see if getspnam exists
set getspnam d_getspnam
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getspnam.U
No license file was found, but licenses were detected in source scan.

```
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_qgcvt: Inlibc
?MAKE: -pick add $@ %<
?S:d_qgcvt:
?S: This variable conditionally defines the HAS_QGCVT symbol, which
?S: indicates to the C program that the qgcvt() routine is available.
?S:.
?C:HAS_QGCVT:
?C: This symbol, if defined, indicates that the qgcvt routine is
?C: available to convert long doubles ("quad doubles") to strings.
?C: This is a low-level routine hopefully faster than sprintf.
?C:.
?H:#$d_qgcvt HAS_QGCVT  /**/
?H:.
?LINT:set d_qgcvt
: see if qgcvt exists
set qgcvt d_qgcvt
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_qgcvt.U

No license file was found, but licenses were detected in source scan.

```
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?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_sresgproto: Hasproto i_unistd
?MAKE: -pick add $@ %<
?S:d_sresgproto:
?S: This variable conditionally defines the HAS_SETRESGID_PROTO symbol,
?S: which indicates to the C program that the system provides
?S: a prototype for the setresgid() function.  Otherwise, it is
?S: up to the program to supply one.
?S:.
?C:HAS_SETRESGID_PROTO:
?C: This symbol, if defined, indicates that the system provides
?C: a prototype for the setresgid() function.  Otherwise, it is up
?C: to the program to supply one.  Good guesses are
?C:  extern
 int setresgid(uid_t ruid, uid_t euid, uid_t suid);
?C:.
?H:#$d_sresgproto HAS_SETRESGID_PROTO /**/
?H:.
?LINT:set d_sresgproto
: see if prototype for setresgid is available
echo " "
set d_sresgproto setresgid $i_unistd unistd.h
eval $hasproto
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_sresgproto.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2019 Karl Williamson
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_towupper: Inlibc
```

```
?MAKE: -pick add $@ %<
?S:d_towupper:
?S: This variable conditionally defines the HAS_TOWUPPER symbol, which
?S: indicates to the C program that the towupper() routine is available.
?S:.
?C:HAS_TOWUPPER:
?C: This symbol, if defined, indicates that the towupper () routine is
?C: available to do case conversion.
?C:.
?H:#$d_towupper HAS_TOWUPPER  /**/
?H:.
?LINT:set d_towupper
: see if towupper exists
set towupper d_towupper
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_towupper.U
No license file was found, but licenses were detected in source scan.

```
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?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: privlib.U,v $
?RCS: Revision 3.0.1.4  1995/09/25  09:17:09  ram
?RCS: patch59: unit is now forced to the top of Configure, if possible
?RCS:
?RCS: Revision 3.0.1.3  1995/01/30  14:44:23  ram
?RCS: patch49: can now handle installation prefix changes (from WED)
?RCS:
?RCS: Revision 3.0.1.2  1994/08/29  16:31:52  ram
?RCS: patch32: now uses installation prefix
?RCS:
?RCS: Revision 3.0.1.1  1993/09/13  16:12:34  ram
?RCS: patch10: added support for /local/lib (WED)
?RCS: patch10: prompt phrasing made
 more explicit (WED)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:35  ram
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
?MAKE:privlib privlibexp installprivlib: afs package cat Getfile \
 Oldconfig Prefixit test
?MAKE: -pick add $@ %<
?Y:TOP
?S:privlib:
?S: This variable contains the eventual value of the PRIVLIB symbol,
?S: which is the name of the private library for this package.  It may
?S: have a ~ on the front. It is up to the makefile to eventually create
?S: this directory while performing installation (with ~ substitution).
?S:.
?S:privlibexp:
?S: This variable is the ~name expanded version of privlib, so that you
?S: may use it directly in Makefiles or shell scripts.
?S:.
?S:installprivlib:
?S: This variable is really the same as privlibexp but may differ on
?S: those systems using AFS. For extra portability, only this variable
?S: should be used in makefiles.
?S:.
?C:PRIVLIB:
?C: This symbol contains the name of the private library for this package.
?C: The library is
 private in the sense that it needn't be in anyone's
?C: execution path, but it should be accessible by the world.  The program
?C: should be prepared to do ~ expansion.
?C:.
?C:PRIVLIB_EXP:
?C: This symbol contains the ~name expanded version of PRIVLIB, to be used
?C: in programs that are not prepared to deal with ~ expansion at run-time.
?C:.
?H:#define PRIVLIB "$privlib"  /**/
?H:#define PRIVLIB_EXP "$privlibexp"  /**/
?H:.
: determine where private executables go
set dflt privlib lib/$package
eval $prefixit
$cat <<EOM

There are some auxiliary files for $package that need to be put into a
private library directory that is accessible by everyone.

EOM
fn=d~+
rp='Pathname where the private library files will reside?'
. ./getfile
if $test "X$privlibexp" != "X$ansexp"; then
 installprivlib="
```

```
fi
privlib="$ans"
privlibexp="$ansexp"
if $afs; then
 $cat <<EOM

Since you are running AFS, I need to distinguish the directory in which
private files reside from the directory in which they are installed
 (and from
which they are presumably copied to the former directory by occult means).

EOM
 case "$installprivlib" in
 ") dflt=`echo $privlibexp | sed 's#^/afs/#/afs/.#'`;;
 *) dflt="$installprivlib";;
 esac
 fn=de~
 rp='Where will private files be installed?'
 . ./getfile
 installprivlib="$ans"
else
 installprivlib="$privlibexp"
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/privlib.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: longsize.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: longsize.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  16:09:35  ram
?RCS: patch61: code moved to intsize.U
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  16:24:31  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:07  ram
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
?X:
?X: 'longsize' is now defined within intsize.U
?X:
?LINT: empty
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/longsize.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_gethbynm.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:08  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_gethbynm: Inlibc
?MAKE: -pick add $@ %<
?S:d_gethbynm (d_gethhstby):
?S: This variable conditionally defines the HAS_GETHOSTBYNAME symbol, which
?S: indicates to the C program that the gethostbyname() routine is available
?S: to lookup host names in some data base or other.
?S:.
?C:HAS_GETHOSTBYNAME (GETHOSTBYNAME):
?C: This symbol, if defined, indicates that the gethostbyname()
 routine is
?C: available to lookup host names in some data base or other.
?C:.
?H:#$d_gethbynm HAS_GETHOSTBYNAME  /**/
?H:.
?LINT:set d_gethbynm
: see if gethostbyname exists
set gethostbyname d_gethbynm
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_gethbynm.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: patchlevel.U,v 3.0.1.1 1997/02/28 16:18:41 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: This file is included with or a derivative work of a file included
?RCS: with the metaconfig program of Raphael Manfredi's "dist" distribution.
?RCS: In accordance with clause 7 of dist's modified Artistic License:
?RCS:
?RCS:     You may distribute under the terms of either the GNU General Public
?RCS:     License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: patchlevel.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  16:18:41  ram
?RCS: patch61: added support for src.U
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:31  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:patchlevel revision version subversion \
 perl_patchlevel version_patchlevel_string \
 api_revision api_version api_subversion api_versionstring: \
 package test rsrc echo awk osname
?MAKE: -pick
 add $@ %<
?S:revision:
?S: The value of revision comes from the patchlevel.h file.
?S: In a version number such as 5.6.1, this is the "5".
?S: In patchlevel.h, this is referred to as "PERL_REVISION".
?S:.
?S:patchlevel:
?S: The patchlevel level of this package.
?S: The value of patchlevel comes from the patchlevel.h file.
?S: In a version number such as 5.6.1, this is the "6".
?S: In patchlevel.h, this is referred to as "PERL_VERSION".
?S:.
?S:subversion:
?S: The subversion level of this package.
?S: The value of subversion comes from the patchlevel.h file.
?S: In a version number such as 5.6.1, this is the "1".
?S: In patchlevel.h, this is referred to as "PERL_SUBVERSION".
?S: This is unique to perl.
?S:.
?S:version:
?S: The full version number of this package, such as 5.6.1 (or 5_6_1).
?S: This combines revision, patchlevel, and subversion to get the
?S: full version number, including any possible subversions.
```

```
?S: This is suitable for use as a directory name, and hence is
?S: filesystem
 dependent.
?S:.
?S:api_revision:
?S: The three variables, api_revision, api_version, and
?S: api_subversion, specify the version of the oldest perl binary
?S: compatible with the present perl.  In a full version string
?S: such as '5.6.1', api_revision is the '5'.
?S: Prior to 5.5.640, the format was a floating point number,
?S: like 5.00563.
?S:
?S: perl.c:incpush() and lib/lib.pm will automatically search in
?S: $sitelib/.. for older directories back to the limit specified
?S: by these api_ variables.  This is only useful if you have a
?S: perl library directory tree structured like the default one.
?S: See INSTALL for how this works.  The versioned site_perl
?S: directory was introduced in 5.005, so that is the lowest
?S: possible value.  The version list appropriate for the current
?S: system is determined in inc_version_list.U.
?S:
?S: XXX To do:  Since compatibility can depend on compile time
?S: options (such as bincompat, longlong, etc.) it should
?S: (perhaps) be set by
 Configure, but currently it isn't.
?S: Currently, we read a hard-wired value from patchlevel.h.
?S: Perhaps what we ought to do is take the hard-wired value from
?S: patchlevel.h but then modify it if the current Configure
?S: options warrant.  patchlevel.h then would use an #ifdef guard.
?S:.
?S:api_version:
?S: The three variables, api_revision, api_version, and
?S: api_subversion, specify the version of the oldest perl binary
?S: compatible with the present perl.  In a full version string
?S: such as '5.6.1', api_version is the '6'.  See api_revision for
?S: full details.  As a special case, 5.5.0 is rendered in the
?S: old-style as 5.005.  (In the 5.005_0x maintenance series,
?S: this was the only versioned directory in $sitelib.)
?S:.
?S:api_subversion:
?S: The three variables, api_revision, api_version, and
?S: api_subversion, specify the version of the oldest perl binary
?S: compatible with the present perl.  In a full version string
?S: such as '5.6.1', api_subversion is the
 '1'.  See api_revision for
?S: full details.
?S:.
?S:api_versionstring:
```

```
?S: This variable combines api_revision, api_version, and
?S: api_subversion in a format such as 5.6.1 (or 5_6_1) suitable
?S: for use as a directory name.  This is filesystem dependent.
?S:.
?S:perl_patchlevel:
?S: This is the Perl patch level, a numeric change identifier,
?S: as defined by whichever source code maintenance system
?S: is used to maintain the patches; currently Perforce.
?S: It does not correlate with the Perl version numbers or
?S: the maintenance versus development dichotomy except
?S: by also being increasing.
?S:.
?S:version_patchlevel_string:
?S: This is a string combining version, subversion and
?S: perl_patchlevel (if perl_patchlevel is non-zero).
?S: It is typically something like
?S: 'version 7 subversion 1'  or
?S: 'version 7 subversion 1 patchlevel 11224'
?S: It is computed here to avoid duplication of code in myconfig.SH
?S: and lib/Config.pm.
?S:.
?LINT:extern LC_ALL
?LINT:extern LANGUAGE
:
 get the patchlevel
echo " "
echo "Getting the current patchlevel..." >&4
if $test -r $rsrc/patchlevel.h;then
 revision=`awk '/define[  ]+PERL_REVISION/ {print $3}' $rsrc/patchlevel.h`
 patchlevel=`awk '/define[  ]+PERL_VERSION/ {print $3}' $rsrc/patchlevel.h`
 subversion=`awk '/define[  ]+PERL_SUBVERSION/ {print $3}' $rsrc/patchlevel.h`
 api_revision=`awk '/define[  ]+PERL_API_REVISION/ {print $3}' $rsrc/patchlevel.h`
 api_version=`awk '/define[  ]+PERL_API_VERSION/ {print $3}' $rsrc/patchlevel.h`
 api_subversion=`awk '/define[  ]+PERL_API_SUBVERSION/ {print $3}' $rsrc/patchlevel.h`
 perl_patchlevel=`egrep ',"(MAINT|SMOKE)[0-9][0-9]*"' $rsrc/patchlevel.h|tail -1|sed 's/[^0-9]//g'`
else
 revision=0
 patchlevel=0
 subversion=0
 api_revision=0
 api_version=0
 api_subversion=0
 perl_patchlevel=0
 $echo "(You do not have patchlevel.h.  Eek.)"
fi
: Define a handy string here to avoid duplication in myconfig.SH and configpm.
version_patchlevel_string="version $patchlevel subversion $subversion"
case
```

```
 "$perl_patchlevel" in
0|") ;;
*)  perl_patchlevel=`echo $perl_patchlevel | sed 's/.* //'`
   version_patchlevel_string="$version_patchlevel_string patch $perl_patchlevel"
   ;;
esac

$echo "(You have $package $version_patchlevel_string.)"

case "$osname" in
dos|vms)
 : XXX Should be a Configure test for double-dots in filenames.
 version=`echo $revision $patchlevel $subversion | \
   $awk '{ printf "%d_%d_%d", $1, $2, $3 }'`
 api_versionstring=`echo $api_revision $api_version $api_subversion | \
   $awk '{ printf "%d_%d_%d", $1, $2, $3 }'`
 ;;
*)
 version=`echo $revision $patchlevel $subversion | \
   $awk '{ printf "%d.%d.%d", $1, $2, $3 }'`
 api_versionstring=`echo $api_revision $api_version $api_subversion | \
   $awk '{ printf "%d.%d.%d", $1, $2, $3 }'`
 ;;
esac
: Special case the 5.005_xx maintenance series, which used 5.005
: without any subversion label as a subdirectory in $sitelib
if test "${api_revision}${api_version}${api_subversion}" = "550"; then
 api_versionstring='5.005'
fi
```

Found
 in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/patchlevel.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Init.U,v 3.0.1.1 1994/10/31 09:45:59 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: Init.U,v $
?RCS: Revision 3.0.1.1  1994/10/31  09:45:59  ram
```

```
?RCS: patch44: removed Options from MAKE to prevent Init overrides
?RCS: patch44: option processing now done after Myinit thanks to new Begin.U
?RCS: patch44: moved "Beginning of configuration questions" to Begin.U
?RCS: patch44: moved signal trapping instruction to Begin.U as well
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:02  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This file
 initializes certain default variables used by Configure.  They
?X: may be overridden or added to by definitions in Myinit.U.
?X:
?MAKE:Init eunicefix: Null
?MAKE: -pick add $@ %<
?MAKE: -pick weed $@ ./Init
?S:eunicefix:
?S: When running under Eunice this variable contains a command which will
?S: convert a shell script to the proper form of text file for it to be
?S: executable by the shell.  On other systems it is a no-op.
?S:.
?V:define undef smallmach:rmlist
?X:
?X: Throughout the units, one may make use of $define and $undef to reference
?X: a defined symbol or an undefined one. There is no need to add them in
?X: the dependency line since this unit makes them visible via ?V:, and
?X: everyone inherits from those symbols since by convention Init.U is the
?X: root dependency.
?X:
?LINT:extern DJGPP
?LINT:extern _exe
?LINT:change _exe
?LINT:extern is_os2
: Detect odd OSs
define='define'
undef='undef'
smallmach='pdp11 i8086 z8000 i80286 iAPX286'
rmlist=''

: We must find out about
 Eunice early
eunicefix=':'
if test -f /etc/unixtovms; then
 eunicefix=/etc/unixtovms
fi
if test -f /etc/unixtovms.exe; then
 eunicefix=/etc/unixtovms.exe
fi
```

```
: Set executable suffix now -- needed before hints available
if test -f "/libs/version.library"; then
: Amiga OS
   _exe=""
elif test -f "/system/gnu_library/bin/ar.pm"; then
: Stratus VOS
   _exe=".pm"
elif test -n "$DJGPP"; then
: DOS DJGPP
   _exe=".exe"
elif test -f /kern/cookiejar; then
: MiNT
   _exe=""
elif test -d c:/. -o -n "$is_os2" ; then
: OS/2 or cygwin
   _exe=".exe"
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Init.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: prototype.U,v 3.0.1.3 1994/05/06 15:11:49 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: prototype.U,v $
?RCS: Revision 3.0.1.3  1994/05/06  15:11:49  ram
?RCS: patch23: ensure cc flags used when looking for prototype support
?RCS:
?RCS: Revision 3.0.1.2  1994/01/24  14:15:36  ram
?RCS: patch16: prototype handling macros now appear only when needed
?RCS:
?RCS: Revision 3.0.1.1  1993/08/25  14:03:12  ram
?RCS: patch6: defines were referring to non-existent VOID symbol
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:36  ram
?RCS: Baseline for dist
 3.0 netwide release.
?RCS:
```

```
?MAKE:prototype: Nothing
?S:prototype:
?S: This variable holds the eventual value of CAN_PROTOTYPE, which
?S: indicates the C compiler can handle function prototypes.
?S:.
: stub, never used
prototype=nothing
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/prototype.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_recvmsg: Inlibc
?MAKE: -pick add $@ %<
?S:d_recvmsg:
?S: This variable conditionally defines the HAS_RECVMSG symbol, which
?S: indicates to the C program that the recvmsg() routine is available.
?S:.
?C:HAS_RECVMSG:
?C: This symbol, if defined, indicates that the recvmsg routine is
?C: available to send structured socket messages.
?C:.
?H:#$d_recvmsg HAS_RECVMSG  /**/
?H:.
?LINT:set d_recvmsg
: see if recvmsg exists
set recvmsg d_recvmsg
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_recvmsg.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getpgid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1996, Andy Dougherty
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_getpgid.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  15:33:44  ram
?RCS: patch61: created
?RCS:
?MAKE:d_getpgid: Inlibc
?MAKE: -pick add $@ %<
?S:d_getpgid:
?S: This variable conditionally defines the HAS_GETPGID symbol, which
?S: indicates to the C program that the getpgid(pid) function
?S: is available to get the process group id.
?S:.
?C:HAS_GETPGID:
?C: This symbol, if defined, indicates to the C program
 that
?C: the getpgid(pid) function is available to get the
?C: process group id.
?C:.
?H:#$d_getpgid HAS_GETPGID  /**/
?H:.
?LINT:set d_getpgid
: see if getpgid exists
set getpgid d_getpgid
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_getpgid.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sunmath.U,v $
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_sunmath: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_sunmath:
?S: This variable conditionally defines the I_SUNMATH symbol, and indicates
?S: whether a C program should include <sunmath.h>.
?S:.
?C:I_SUNMATH:
```

```
?C: This symbol, if defined, indicates that <sunmath.h> exists and
?C: should be included.
?C:.
?H:#$i_sunmath I_SUNMATH  /**/
?H:.
?LINT:set i_sunmath
: see if this is a sunmath.h system
set sunmath.h i_sunmath
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_sunmath.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getnent.U,v 3.0 1993/08/18 12:06:09 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_getnent.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:09  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_getnent: Inlibc
?MAKE: -pick add $@ %<
?S:d_getnent:
?S: This variable conditionally defines HAS_GETNETENT if getnetent() is
?S: available to look up network names in some data base or another.
?S:.
?C:HAS_GETNETENT:
?C: This symbol, if defined, indicates that the getnetent() routine is
?C: available to look up network names in some data base
 or another.
?C:.
?H:#$d_getnent HAS_GETNETENT  /**/
?H:.
?LINT:set d_getnent
: see if getnetent exists
set getnetent d_getnent
eval $inlibc
```

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_getnent.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: privlib.U,v 3.1 1999/07/08 18:32:29 doughera Exp doughera $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: This file is included with or a derivative work of a file included
?RCS: with the metaconfig program of Raphael Manfredi's "dist" distribution.
?RCS: In accordance with clause 7 of dist's modified Artistic License:
?RCS:
?RCS:     You may distribute under the terms of either the GNU General Public
?RCS:     License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: privlib.U,v $
?RCS: Revision 3.1  1999/07/08 18:32:29  doughera
?RCS: Updated for perl5.005_5x
?RCS:
?RCS: Revision 3.0.1.4  1995/09/25  09:17:09  ram
?RCS: patch59: unit is now forced to the top of Configure, if possible
?RCS:
?RCS: Revision 3.0.1.3  1995/01/30  14:44:23  ram
?RCS: patch49: can now handle installation prefix changes (from WED)
?RCS:
?RCS: Revision 3.0.1.2  1994/08/29  16:31:52  ram
?RCS:
 patch32: now uses installation prefix
?RCS:
?RCS: Revision 3.0.1.1  1993/09/13  16:12:34  ram
?RCS: patch10: added support for /local/lib (WED)
?RCS: patch10: prompt phrasing made more explicit (WED)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:35  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:privlib privlibexp installprivlib: package cat Getfile Oldconfig \
 Setprefixvar Prefixit version installstyle binexp
?MAKE: -pick add $@ %<
?Y:TOP
?D:privlib=''
?S:privlib:
?S: This variable contains the eventual value of the PRIVLIB symbol,
?S: which is the name of the private library for this package.  It may
?S: have a ~ on the front. It is up to the makefile to eventually create
?S: this directory while performing installation (with ~ substitution).
?S:.
?D:privlibexp=''
```

```
?S:privlibexp:
?S: This variable is the ~name expanded version of privlib, so that you
?S: may use it directly in Makefiles or shell scripts.
?S:.
?D:installprivlib="
?S:installprivlib:
?S: This variable
 is really the same as privlibexp but may differ on
?S: those systems using AFS. For extra portability, only this variable
?S: should be used in makefiles.
?S:.
?C:PRIVLIB:
?C: This symbol contains the name of the private library for this package.
?C: The library is private in the sense that it needn't be in anyone's
?C: execution path, but it should be accessible by the world.  The program
?C: should be prepared to do ~ expansion.
?C:.
?C:PRIVLIB_EXP:
?C: This symbol contains the ~name expanded version of PRIVLIB, to be used
?C: in programs that are not prepared to deal with ~ expansion at run-time.
?C:.
?H:#define PRIVLIB "$privlib"  /**/
?H:#define PRIVLIB_EXP "$privlibexp"  /**/
?H:.
?LINT:change prefixvar
?LINT:set installprivlib
?LINT:set privlib
?LINT:set privlibexp
: determine where private library files go
: Usual default is /usr/local/lib/perl5/$version.
: Also allow things like /opt/perl/lib/$version, since
: /opt/perl/lib/perl5... would be redundant.
: The default "style"
 setting is made in installstyle.U
case "$installstyle" in
*lib/perl5*) set dflt privlib lib/$package/$version ;;
*)  set dflt privlib lib/$version ;;
esac
eval $prefixit
$cat <<EOM

There are some auxiliary files for $package that need to be put into a
private library directory that is accessible by everyone.

EOM
?X: Force dependency on bin.U
fn=$binexp
fn=d~+
```

```
rp='Pathname where the private library files will reside?'
. ./getfile
prefixvar=privlib
. ./setprefixvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/privlib.U
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Perl5 Metaconfig Units

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These units are the ones used to build Configure and config_h.SH
in the Perl5 distribution.

metaconfig will first look in its standard locations (specified when you
installed dist). It will then recurse through the 'U' subdirectory
and find any additional "private" units. Private units override
standard ones supplied with metaconfig.

Files in this directory:

README
This file.

Glossary.patch
The standard dist units contain some strings that make pod2man
complain. This patch silences those warnings. As new units are
added and Configure is regenerated, this patch may need more and more
'fuzz' to be applied. It should be freshly regenerated every once
in a while. See also mkgloss.pl

ln-all.pl
Re-generate the all/ folder

mkglossary
A script
to regenerate Porting/Glossary. You have to manually
edit the top of the script to point the location of your metaconfig
units. It is called automatically by 'mksample'. See also mkgloss.pl

mkgloss.pl
A perl script that calls U/mkglossary from the perl source tree, sorts
the list of symbols, and applies the patch mentioned in Glossary.patch.

When called on its own, redirect the output to a temporary file, and
compare that file to Porting/Glossary before applying.

mksample
A script to regenerate Porting/config.sh and Porting/config.H.
It also calls mkglossary, if necessary.

Subdirectories:

The units and other related files have been broken up into the following
directories.

a_dvisory/
These are units that have to go first in the generated config_h.SH.
A word of explanation: Configure and config_h.SH are generated from 'Units'
(the *.U files). Files indicate dependencies (using make(1)), and
Configure is built to follow those dependencies.
However, config_h.SH
is simply built by putting all the units in alphabetical order and
extracting the relevant lines. (This could be fixed, I suppose, but
it wasn't trivial the one time I looked.)
The a_dvisory/ directory, then, is a place to put units that need
to be early in config_h.SH. (Most units are self-contained
and ought to be able to go anywhere. However, some things, like
byteorder, need to have the #defines from multiarch available.)

acl/
This is an old patch to begin to detect and use ACL (access
control list) file protection schemes.

all/
A folder that conveniently holds symbolic links to all the modules
that are used to build the current Configure and config_h.SH.

compline/
These are similar to the standard units, but I have modified them
to have a more uniform compile command line, usually using the
new Compile.U unit. (The ccflags.U unit is perl-specific since it
mentions -DDEBUGGING and
-DPOSIX_SOURCE, but that's the only place
it is perl-specific.)

dist_patches/
These are patches to dist that must be applied before it is built
and installed. I have submitted these for inclusion in the
regular dist distribution. They have already been applied
to the ../dist-3.0at70b directory.

ebcdic/
These are units that had to be specially modified to work under either EBCDIC or ASCII.

installdirs/
These are units to handle perl's installation directories and related issues.

modified/
These are modified versions of the standard units. Also included in this directory are new units that are clearly derived from existing units. I have submitted these for inclusion in the regular dist distribution.

nullified/
These are null units that replace units in the standard distribution. Typically they are there because some part of the perl source accidentally uses a symbol that metaconfig thinks means we want the corresponding
unit.

perl/
These are specific to perl. Some are heavily derived from original dist units, and are marked as such. Others are original.

perl_patches/
These are patches to the perl source. This directory should ordinarily be empty, but there may have been drift between the standard version of perl and the one associated with these units.

protos/
These are units modified to use the new Hasproto.U or Protochk.U units to check for prototypes.

threads/
These are specific to threading perl.

typedefs/
These are standard units modified to use the modified Typedef.U unit to check for typedefs. (The modified Typdef.U includes a function to avoid unnecessary prompts if the typdef being searched for exists.)

Where appropriate, I submitted these units for inclusion into the regular dist distribution. However, since dist is no longer actively maintained, and the alternative is for *me* to actively maintain it,

the units just
sit here.

Copyright Information:

Unless otherwise indicated, the files contained in this
distribution are:

Copyright (c) 1996-1998, Andy Dougherty

The following licensing terms apply to all files contained in
this distribution:

You may distribute the files contained in this distribution
under the terms of either

a) the "Artistic License" which comes with Perl, or

b) the "Artistic License" which comes with dist, or

c) the GNU General Public License as published by the Free
Software Foundation; either version 1, or (at your option) any
later version (see the file "Copying" that comes with the
Perl distribution).

Which one to use is your choice.

The units in the "modified" directory have been derived from units
associated with the metaconfig program of Raphael Manfredi's "dist"
distribution. These units list Raphael Manfredi as the Copyright holder.
dist is distributed under a modified version of the Perl Artistic License.
Clause 7 of this modified
license as contained in dist-3.0-pl60 provides:

7. You may reuse parts of this Package in your own programs, provided
that you explicitly state where you got them from, in the source code
(and, left to your courtesy, in the documentation), duplicating
all the associated copyright notices and disclaimers. Besides
your changes, if any, must be clearly marked as such. Parts reused
that way will no longer fall under this license if, and only if,
the name of your program(s) have no immediate connection with the
name of the Package itself or its associated programs. You may then
apply whatever restrictions you wish on the reused parts or choose
to place them in the Public Domain--this will apply only within the
context of your package.

In accordance with this clause, the versions of these units
contained here are made available under the same terms as the

rest of the units.

If you have any questions about the use of these units or about
the differences
 between these units and the standard versions, please
feel free to ask.

Andy Dougherty doughera@lafayette.edu
Dept. of Physics
Lafayette College
Easton, PA 18042-1782

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/README
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setsent.U,v 3.0 1993/08/18 12:06:09 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_setsent.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:09  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setsent: Inlibc
?MAKE: -pick add $@ %<
?S:d_setsent:
?S: This variable conditionally defines HAS_SETSERVENT if setservent() is
?S: available.
?S:.
?C:HAS_SETSERVENT:
?C: This symbol, if defined, indicates that the setservent() routine is
?C: available.
?C:.
?H:#$d_setsent HAS_SETSERVENT  /**/
?H:.
?LINT:set d_setsent
: see if setservent exists
set
 setservent d_setsent
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_setsent.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Chk_whoami.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Chk_whoami.U,v $
?RCS: Revision 3.0  1993/08/18  12:04:46  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit makes sure we don't try to include whoami.h if uname() exists.
?X:
?MAKE:Chk_whoami: d_uname i_whoami
?MAKE: -pick add $@ %<
?LINT:change i_whoami
: weed out incompatibilities
case "$d_uname" in
 "$define") i_whoami="$undef" ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Chk_whoami.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_lstat.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_lstat.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:28  ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_lstat: Inlibc
?MAKE: -pick add $@ %<
?S:d_lstat:
?S: This variable conditionally defines HAS_LSTAT if lstat() is
?S: available to do file stats on symbolic links.
?S:.
?C:HAS_LSTAT (LSTAT):
?C: This symbol, if defined, indicates that the lstat routine is
?C: available to do file stats on symbolic links.
?C:.
?H:#$d_lstat HAS_LSTAT  /**/
?H:.
?LINT:set
 d_lstat
: see if lstat exists
set lstat d_lstat
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_lstat.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: perlpath.U,v 3.0.1.2 1995/09/25 09:17:04 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: This file is included with or a derivative work of a file included
?RCS: with the metaconfig program of Raphael Manfredi's "dist" distribution.
?RCS: In accordance with clause 7 of dist's modified Artistic License:
?RCS:
?RCS:     You may distribute under the terms of either the GNU General Public
?RCS:     License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: perlpath.U,v $
?RCS:
?RCS: Special perl5 unit -- we haven't installed perl yet.
?RCS:
?RCS: Revision 3.0.1.2  1995/09/25  09:17:04  ram
?RCS: patch59: unit is now forced to the top of Configure, if possible
?RCS:
?RCS: Revision 3.0.1.1  1995/01/11  15:33:53  ram
?RCS: patch45: can now use Loc variables since path stripping is deferred
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:32  ram
?RCS: Baseline for dist
```

```
 3.0 netwide release.
?RCS:
?X:
?X: The purpose of this unit is to locate perl good enough to construct a #!
?X:
?MAKE:perlpath: cat Getfile Loc Myread Oldconfig initialinstalllocation \
 startperl version versiononly
?MAKE: -pick add $@ %<
?Y:TOP
?S:perlpath:
?S: This variable contains the eventual value of the PERLPATH symbol,
?S: which contains the name of the perl interpreter to be used in
?S: shell scripts and in the "eval 'exec'" idiom.  This variable is
?S: not necessarily the pathname of the file containing the perl
?S: interpreter; you must append the executable extension (_exe) if
?S: it is not already present.  Note that Perl code that runs during
?S: the Perl build process cannot reference this variable, as Perl
?S: may not have been installed, or even if installed, may be a
?S: different version of Perl.
?S:.
?C:PERLPATH:
?C: This symbol contains the name of the perl interpreter to be
?C: used in shell scripts and in the "eval 'exec'" idiom.
?C:.
?H:#define PERLPATH "$perlpath"  /**/
?H:.
:
 figure best path for perl in scripts
case "$perlpath" in
")
 case "$versiononly" in
 "$define") perlpath="$initialinstalllocation/perl$version";;
 *)  perlpath="$initialinstalllocation/perl";;
 esac
 case "$startperl" in
 *!*) ;;
 *)
  $cat <<EOH

I will use the "eval 'exec'" idiom to start Perl on your system.
I can use the full path of your Perl binary for this purpose, but
doing so may cause problems if you want to share those scripts and
Perl is not always in a standard place ($initialinstalllocation/perl).

EOH
  dflt="$initialinstalllocation/perl"
  rp="What path shall I use in \"eval 'exec'\"?"
  . ./myread
```

```
  perlpath="$ans"
  ;;
 esac
 ;;
esac
case "$startperl" in
*!*) ;;
*) echo "I'll use $perlpath in \"eval 'exec'\"" ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/perlpath.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: bin.U,v 3.1 1999/07/09 18:20:13 doughera Exp doughera $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: bin.U,v $
?RCS: Revision 3.1  1999/07/09 18:20:13  doughera
?RCS: Updated for installprefix
?RCS:
?RCS: Revision 3.0.1.4  1995/09/25  09:15:32  ram
?RCS: patch59: unit is now forced to the top of Configure, if possible
?RCS:
?RCS: Revision 3.0.1.3  1995/01/30  14:32:40  ram
?RCS: patch49: can now handle installation prefix changes (from WED)
?RCS:
?RCS: Revision 3.0.1.2  1994/08/29  16:05:28  ram
?RCS: patch32: now uses installation prefix
?RCS:
?RCS:
 Revision 3.0.1.1  1993/09/13  15:56:51  ram
?RCS: patch10: made prompting more explicit (WAD)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:26  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:bin binexp installbin userelocatableinc initialinstalllocation: \
 Myread Prefixit Getfile Setvar Setprefixvar Oldconfig \
 test prefix prefixexp
```

```
?MAKE: -pick add $@ %<
?Y:TOP
?D:bin=''
?S:bin:
?S: This variable holds the name of the directory in which the user wants
?S: to put publicly executable images for the package in question.  It
?S: is most often a local directory such as /usr/local/bin. Programs using
?S: this variable must be prepared to deal with ~name substitution.
?S:.
?D:binexp=''
?S:binexp:
?S: This is the same as the bin variable, but is filename expanded at
?S: configuration time, for use in your makefiles.
?S:.
?D:installbin=''
?S:installbin:
?S: This variable is the same as binexp unless AFS is running in which case
?S: the user is explicitly prompted for it. This variable
 should always
?S: be used in your makefiles for maximum portability.
?S:.
?D:userelocatableinc=''
?S:userelocatableinc:
?S: This variable is set to true to indicate that perl should relocate
?S: @INC entries at runtime based on the path to the perl binary.
?S: Any @INC paths starting "../" are relocated relative to the directory
?S: containing the perl binary, and a logical cleanup of the path is then
?S: made around the join point (removing "dir/../" pairs)
?S:.
?S:initialinstalllocation:
?S: When userelocatableinc is true, this variable holds the location
?S: that make install should copy the perl binary to, with all the
?S: run-time relocatable paths calculated from this at install time.
?S: When used, it is initialized to the original value of binexp, and
?S: then binexp is set to '../', as the other binaries are found
?S: relative to the perl binary.
?S:.
?C:BIN:
?C: This symbol holds the path of the bin directory where the package will
?C: be installed. Program must be
 prepared to deal with ~name substitution.
?C:.
?C:BIN_EXP:
?C: This symbol is the filename expanded version of the BIN symbol, for
?C: programs that do not want to deal with that at run-time.
?C:.
?C:PERL_RELOCATABLE_INC:
?C: This symbol, if defined, indicates that we'd like to relocate entries
```

```
?C: in @INC at run time based on the location of the perl binary.
?C:.
?H:#define BIN "$bin" /**/
?H:#define BIN_EXP "$binexp" /**/
?H:#define PERL_RELOCATABLE_INC "$userelocatableinc"  /**/
?H:.
?D:bin='/usr/local/bin'
?LINT:change prefix
?LINT:change prefixexp
?LINT:change prefixvar
?LINT:change installprefixexp
?LINT:set userelocatableinc
: determine where public executables go
echo " "
set dflt bin bin
eval $prefixit
fn=d~
rp='Pathname where the public executables will reside?'
. ./getfile
if $test "X$ansexp" != "X$binexp"; then
 installbin="
fi
prefixvar=bin
: XXX Bug? -- ignores Configure -Dinstallprefix setting.
: XXX If this is fixed, also fix the "start perl" hunk below, which relies on
:
    this via initialinstalllocation
. ./setprefixvar

case "$userelocatableinc" in
$define|true|[yY]*) dflt='y' ;;
*)   dflt='n' ;;
esac
cat <<EOM

Would you like to build Perl so that the installation is relocatable, so that
library paths in @INC are determined relative to the path of the perl binary?
This is not advised for system Perl installs, or if you need to run setid
scripts or scripts under taint mode.

If this doesn't make any sense to you, just accept the default '$dflt'.
EOM
rp='Use relocatable @INC?'
. ./myread
case "$ans" in
y|Y) val="$define" ;;
*) val="$undef"  ;;
esac
```

```
set userelocatableinc
eval $setvar

initialinstalllocation="$binexp"
: Default prefix is now "up one level from where the binaries are"
case "$userelocatableinc" in
$define|true|[yY]*)
   bin=".../"
   binexp=".../"
   prefix=".../.."
   prefixexp=".../.."
   installprefixexp=".../.."
   ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/bin.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: vaproto.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Orginal Author: Graham Stoney <greyham@research.canon.oz.au>
?RCS:
?RCS: $Log: vaproto.U,v $
?RCS: Revision 3.0.1.1  1994/01/24  14:17:16  ram
?RCS: patch16: definition of _V now appears only when needed
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:59  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:vaproto: prototype i_stdarg Setvar
?MAKE: -pick add $@ %<
?S:vaproto:
?S: This variable conditionally defines CAN_VAPROTO on systems supporting
?S: prototype
 declaration of functions with a variable number of
?S: arguments. See also prototype.
?S:.
?C:CAN_VAPROTO ~ %<:
```

```
?C: This variable is defined on systems supporting prototype declaration
?C: of functions with a variable number of arguments.
?C:.
?C:_V:
?C: This macro is used to declare function parameters in prototypes for
?C: functions with a variable number of parameters. Use double parentheses.
?C: For example:
?C:
?C:  int printf _V((char *fmt, ...));
?C:
?C: Remember to use the plain simple _() macro when declaring a function
?C: with no variable number of arguments, since it might be possible to
?C: have a non-effect _V() macro and still get prototypes via _().
?C:.
?H:?%<:#$vaproto CAN_VAPROTO /**/
?H:?_V:#ifdef CAN_VAPROTO
?H:?_V:#define _V(args) args
?H:?_V:#else
?H:?_V:#define _V(args) ()
?H:?_V:#endif
?H:.
?LINT:set vaproto
: see if prototypes support variable argument declarations
echo " "
case "$prototype$i_stdarg" in
$define$define)
 echo "It appears we'll be able
 to prototype varargs functions." >&4
 val="$define"
 ;;
*)
 echo "Too bad... We won't be using prototyped varargs functions..." >&4
 val="$undef"
 ;;
esac
set vaproto
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/vaproto.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_pwrite.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_pwrite.U,v $
?RCS:
?MAKE:d_pwrite: Inlibc
?MAKE: -pick add $@ %<
?S:d_pwrite:
?S: This variable conditionally defines the HAS_PWRITE symbol, which
?S: indicates to the C program that the pwrite() routine is available.
?S:.
?C:HAS_PWRITE :
?C: This symbol, if defined, indicates that the pwrite routine is
?C: available to perform writes on a file descriptor at a given offset.
?C:.
?H:#$d_pwrite HAS_PWRITE  /**/
?H:.
?LINT:set d_pwrite
: see if pwrite
 exists
set pwrite d_pwrite
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_pwrite.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:ivdformat uvuformat uvoformat uvxformat uvXUformat \
 nvEUformat nvFUformat nvGUformat \
 nveformat nvfformat nvgformat: \
 ivsize longsize intsize shortsize \
 sPRId64 sPRIu64 sPRIo64 sPRIx64 sPRIXU64 \
 uselongdouble d_longdbl usequadmath d_PRIgldbl \
 sPRIEUldbl sPRIFUldbl sPRIGUldbl sPRIeldbl sPRIfldbl sPRIgldbl \
 test echo
?MAKE: -pick add $@ %<
?S:ivdformat:
?S: This variable contains the format string used for printing
```

?S: a Perl IV as a signed decimal integer.
?S:.
?S:uvuformat:
?S: This variable contains the format string used for printing
?S: a Perl UV as an unsigned decimal integer.
?S:.
?S:uvoformat:
?S: This variable contains the format string used for printing
?S: a Perl UV as an unsigned
 octal integer.
?S:.
?S:uvxformat:
?S: This variable contains the format string used for printing
?S: a Perl UV as an unsigned hexadecimal integer in lowercase abcdef.
?S:.
?S:uvXUformat:
?S: This variable contains the format string used for printing
?S: a Perl UV as an unsigned hexadecimal integer in uppercase ABCDEF.
?S:.
?S:nveformat:
?S: This variable contains the format string used for printing
?S: a Perl NV using %e-ish floating point format.
?S:.
?S:nvfformat:
?S: This variable contains the format string used for printing
?S: a Perl NV using %f-ish floating point format.
?S:.
?S:nvgformat:
?S: This variable contains the format string used for printing
?S: a Perl NV using %g-ish floating point format.
?S:.
?S:nvEUformat:
?S: This variable contains the format string used for printing
?S: a Perl NV using %E-ish floating point format.
?S:.
?S:nvFUformat:
?S: This variable contains the format string used for printing
?S: a Perl NV using %F-ish floating point format.
?S:.
?S:nvGUformat:
?S: This
 variable contains the format string used for printing
?S: a Perl NV using %G-ish floating point format.
?S:.
?C:IVdf:
?C: This symbol defines the format string used for printing a Perl IV
?C: as a signed decimal integer.
?C:.

```
?C:UVuf:
?C: This symbol defines the format string used for printing a Perl UV
?C: as an unsigned decimal integer.
?C:.
?C:UVof:
?C: This symbol defines the format string used for printing a Perl UV
?C: as an unsigned octal integer.
?C:.
?C:UVxf:
?C: This symbol defines the format string used for printing a Perl UV
?C: as an unsigned hexadecimal integer in lowercase abcdef.
?C:.
?C:UVXf:
?C: This symbol defines the format string used for printing a Perl UV
?C: as an unsigned hexadecimal integer in uppercase ABCDEF.
?C:.
?C:NVef:
?C: This symbol defines the format string used for printing a Perl NV
?C: using %e-ish floating point format.
?C:.
?C:NVff:
?C: This symbol defines the format string used for printing a Perl NV
?C: using %f-ish floating point
 format.
?C:.
?C:NVgf:
?C: This symbol defines the format string used for printing a Perl NV
?C: using %g-ish floating point format.
?C:.
?C:NVEf:
?C: This symbol defines the format string used for printing a Perl NV
?C: using %E-ish floating point format.
?C:.
?C:NVFf:
?C: This symbol defines the format string used for printing a Perl NV
?C: using %F-ish floating point format.
?C:.
?C:NVGf:
?C: This symbol defines the format string used for printing a Perl NV
?C: using %G-ish floating point format.
?C:.
?H:#define IVdf  $ivdformat  /**/
?H:#define UVuf  $uvuformat  /**/
?H:#define UVof  $uvoformat  /**/
?H:#define UVxf  $uvxformat  /**/
?H:#define UVXf  $uvXUformat  /**/
?H:#define NVef  $nveformat  /**/
?H:#define NVff  $nvfformat  /**/
```

```
?H:#define NVgf  $nvgformat  /**/
?H:#define NVEf  $nvEUformat  /**/
?H:#define NVFf  $nvFUformat  /**/
?H:#define NVGf  $nvGUformat  /**/
?H:.
: Check format strings for internal types
echo " "
$echo "Checking the format strings to be used for Perl's
 internal types..." >&4

if $test X"$ivsize" = X8; then
 ivdformat="$sPRId64"
 uvuformat="$sPRIu64"
 uvoformat="$sPRIo64"
 uvxformat="$sPRIx64"
 uvXUformat="$sPRIXU64"
else
 if $test X"$ivsize" = X"$longsize"; then
  ivdformat="'ld'"
  uvuformat="'lu'"
  uvoformat="'lo'"
  uvxformat="'lx'"
  uvXUformat="'lX'"
 else
  if $test X"$ivsize" = X"$intsize"; then
   ivdformat="'d'"
   uvuformat="'u'"
   uvoformat="'o'"
   uvxformat="'x'"
   uvXUformat="'X'"
  else
   : far out
   if $test X"$ivsize" = X"$shortsize"; then
    ivdformat="'hd'"
    uvuformat="'hu'"
    uvoformat="'ho'"
    uvxformat="'hx'"
    uvXUformat="'hX'"
   fi
  fi
 fi
fi

if $test X"$usequadmath" = X"$define"; then
   nveformat="'Qe'"
   nvfformat="'Qf'"
   nvgformat="'Qg'"
   nvEUformat="'QE'"
```

```
   nvFUformat='"QF"'
   nvGUformat='"QG"'
else
   if $test X"$uselongdouble" = X"$define" -a X"$d_longdbl" = X"$define" -a X"$d_PRIgldbl" = X"$define"; then
 nveformat="$sPRIeldbl"
 nvfformat="$sPRIfldbl"
 nvgformat="$sPRIgldbl"
 nvEUformat="$sPRIEUldbl"
 nvFUformat="$sPRIFUldbl"
 nvGUformat="$sPRIGUldbl"
    else
 nveformat='"e"'
 nvfformat='"f"'
 nvgformat='"g"'
 nvEUformat='"E"'
 nvFUformat='"F"'
 nvGUformat='"G"'
   fi
fi

case "$ivdformat" in
") echo "$0: Fatal: failed to find format strings, cannot continue." >&4
   exit 1
   ;;
esac

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/perl/perlxvf.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: End.U,v $
?RCS: Revision 3.0  1993/08/18  12:04:51  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit serves as the goal which forces make to choose all the units that
?X: ask questions.  The $W on the ?MAKE: line is the list of all symbols wanted.
```

```
?X: To force any unit to be included, copy this unit to your private U directory
?X: and add the name of the unit desired to the ?MAKE: dependency line.
?X:
?MAKE:End: $W
?MAKE: -pick add $@ %<
?LINT:use $W
: end of configuration
 questions
echo " "
echo "End of configuration questions."
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/End.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_fegetround: Inlibc
?MAKE: -pick add $@ %<
?S:d_fegetround:
?S: This variable conditionally defines HAS_FEGETROUND if fegetround() is
?S: available to get the floating point rounding mode.
?S:.
?C:HAS_FEGETROUND:
?C: This symbol, if defined, indicates that the fegetround routine is
?C: available to return the macro corresponding to the current rounding
?C: mode.
?C:.
?H:#$d_fegetround HAS_FEGETROUND /**/
?H:.
?LINT:set d_fegetround
: see if fegetround exists
set fegetround d_fegetround
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fegetround.U
No license file was found, but licenses were detected in source scan.

```
;###########################################################################
;# Jmake rules for building libraries, programs, scripts, and data files
;# $Id: Jmake.rules 18 2006-12-27 10:35:09Z rmanfredi $

/*
*     MACHINE-INDEPENDENT RULES -- DO NOT MODIFY
```

```
*/

/* $Id: Jmake.rules 18 2006-12-27 10:35:09Z rmanfredi $
*
*  Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
*
*  You may redistribute only under the terms of the Artistic Licence,
*  as specified in the README file that comes with the distribution.
*  You may reuse parts of this distribution only within the terms of
*  that same Artistic Licence; a copy of which may be found at the root
*  of the source tree for dist 4.0.
*
* $Log: Jmake.rules,v $
* Revision 3.0.1.7  2004/08/22 08:28:58  ram
* patch71: random cleanup
*
* Revision 3.0.1.6  1997/02/28  14:56:01  ram
* patch61: now handles USRINC for dependencies
* patch61: smarter about dependencies
 computation
*
* Revision 3.0.1.5  1995/09/25  09:07:19  ram
* patch59: smarter sed command to strip /usr/include dependencies
*
* Revision 3.0.1.4  1995/07/25  13:33:59  ram
* patch56: install of script man pages can now cope with missing files
* patch56: the clobber target now removes the .config directory as well
*
* Revision 3.0.1.3  1995/03/21  08:35:28  ram
* patch52: suppressed extra argument to NormalProgramTarget call
*
* Revision 3.0.1.2  1995/01/11  14:49:55  ram
* patch45: new macros ShellScriptTargetExt and SimpleShellScriptTargetExt
* patch45: directory installation is now made via INSTALLDIR (Configure)
*
* Revision 3.0.1.1  1994/10/29  15:46:30  ram
* patch36: added RemoteDependency rule
*
* Revision 3.0  1993/08/18  12:04:14  ram
* Baseline for dist 3.0 netwide release.
*
*/

/* Please, edit only with tabstops = 4 (":set ts=4" under vi) */

/*
* AddedByConfigure:
* Gives name of the files generated by Configure that can safely
```

```
* be removed
 when a "make clobber" is issued. Not that it is useless
* to name config.h or config.sh because these are already taken care
* of by jmake.
*/
#define AddedByConfigure(files) @!\
local_clobber::   @@\
 $(RM) files

/*
* AddSuffix:
* Adds a sufix to the .SUFFIXES: list.
*/
#define AddSuffix(ext) @!\
|suffix ext


/*
* AllTarget:
* Generate rules to build necessary things during make all.
*/
#define AllTarget(depends) @!\
all:: depends    @!\
      @!\
local_realclean::   @@\
 $(RM) depends

/*
* RemoveTargetProgram:
* This is used in some other macros in order to remove the target
* before starting its building (saves disk space).  There should be
* no '@!' at the end of the '#define' line, because this macro is
* used *inside* building rules.
*/
#define RemoveTargetProgram(program) \
 $(RM) program @@\
 if test -f program^^^$(_EXE); then \ @@\
  $(MV) program^^^$(_EXE) program^^~^^^$(_EXE); fi

/*
* NormalProgramTarget:
* Generate rules to compile and link the
 indicated program; since
* it does not use any default object files, it may be used for
* multiple programs in the same Jmakefile.
*/
#define NormalProgramTarget(program,sources,objects) @!\
++OBJECTS objects @!\
```

```
++SOURCES sources @!\
NormalObjectRule()    @!\
AllTarget(program)    @!\
        @!\
program: objects    @@\
 RemoveTargetProgram($@)  @@\
 $(CC) -o $@ objects $(JLDFLAGS) $(LIBS) @!\


/*
* SingleProgramTarget:
* Obsolete version of NormalProgramTarget that doesn't have
* deplibs.
*/
#define SingleProgramTarget(program,objects,libs)  \
NormalProgramTarget(program,objects,libs)

/*
* SimpleProgramTarget:
* Generate rules for compiling and linking programs that only have
* one C source file.  It should only be used in Jmakefiles that
* describe a single program.
*/
#define SimpleProgramTarget(program) @!\
NormalProgramTarget(program,program.c,program.o)



/*
* ComplexProgramTarget:
* Generate rules for compiling and linking the program specified by
* $(OBJS) and
 $(SRCS), installing the program and its man page, and
* generating dependencies.  It should only be used in Jmakefiles
* that describe a single program.
*/
#define ComplexProgramTarget(program) @!\
++OBJECTS $(OBJS) @!\
++SOURCES $(SRCS) @!\
NormalObjectRule()     @!\
AllTarget(program)     @!\
        @!\
program: $(OBJS)     @@\
 RemoveTargetProgram($@)   @@\
 $(CC) -o $@ $(OBJS) $(JLDFLAGS) $(LIBS) @!\
        @!\
InstallProgram(program,$(BINDIR)) @!\
InstallManPage(program,$(MANSRC)) @!\
```

```
DependTarget()      @!\
LintTarget()


/*
* ComplexProgramTarget_1:
* Generate rules for compiling and linking the program specified by
* $(OBJS1) and $(SRCS1), installing the program and its man page,
* and generating dependencies for it and any programs described by
* $(SRCS2) and $(SRCS3).  It should be used to build the primary
* program in Jmakefiles that describe multiple programs.
*/
#define ComplexProgramTarget_1(program) @!\
++OBJECTS $(OBJS1) @!\
++SOURCES $(SRCS1) @!\
NormalObjectRule()     @!\
AllTarget(program)     @!\
        @!\
program:
 $(OBJS1)     @@\
 RemoveTargetProgram($@)   @@\
 $(CC) -o $@ $(OBJS1) $(JLDFLAGS) $(LIBS) @!\
        @!\
InstallProgram(program,$(BINDIR)) @!\
InstallManPage(program,$(MANSRC)) @!\
        @!\
DependTarget()      @!\
LintTarget()


/*
* ComplexProgramTarget_2:
* Generate rules for compiling and linking the program specified by
* $(OBJS2) and $(SRCS2) and installing the program and man page.
* It should be used to build the second program in Jmakefiles
* describing more than one program.
*/
#define ComplexProgramTarget_2(program) @!\
++OBJECTS $(OBJS2) @!\
++SOURCES $(SRCS2) @!\
NormalObjectRule()     @!\
AllTarget(program)     @!\
        @!\
program: $(OBJS2)     @@\
 RemoveTargetProgram($@)   @@\
 $(CC) -o $@ $(OBJS2) $(JLDFLAGS) $(LIBS) @!\
        @!\
InstallProgram(program,$(BINDIR)) @!\
```

```
InstallManPage(program,$(MANSRC))


/*
* ComplexProgramTarget_3:
* Generate rules for compiling and linking the
 program specified by
* $(OBJS3) and $(SRCS3) and installing the program and man page.  It
* should be used to build the third program in Jmakefiles describing
* more than one program.
*/
#define ComplexProgramTarget_3(program) @!\
++OBJECTS $(OBJS3) @!\
++SOURCES $(SRCS3) @!\
NormalObjectRule()     @!\
AllTarget(program)     @!\
        @!\
program: $(OBJS3)     @@\
 RemoveTargetProgram($@)   @@\
 $(CC) -o $@ $(OBJS3) $(JLDFLAGS) $(LIBS) @!\
        @!\
InstallProgram(program,$(BINDIR)) @!\
InstallManPage(program,$(MANSRC))


/*
* ComplexShellManualTarget:
* Builds manual pages that are to be extracted from .SH files into
* .$manext files.
*/
#define ComplexShellManualTarget(manpages) @!\
++MANPAGE manpages @!\
|once _ShellManualRule_  @!\
|rule:.SH.$manext:   @!\
|rule: /bin/sh $<   @!\
|rule:      @!\
-once      @!\
AddSuffix(.SH)    @!\
AddSuffix(.$manext)   @!\
AllTarget(manpages)   @!\
       @!\
local_install.man::   @@\
 _MakeInstallDirIgnore($(MANSRC)) \     @@\
 for
 file in manpages; do \  @@\
  (set -x; $(INSTALL) -c -m 444 $$file \ @@\
   $(INSTALL_PREFIX)$(MANSRC)) || exit 1; \ @@\
 done     @!\
```

```
      @!\
local_deinstall.man::  @@\
 @case '${MFLAGS}' in *[i]*) set +e;; esac; \ @@\
 for file in manpages; do \  @@\
  (set -x; $(RM) $(INSTALL_PREFIX)$(MANSRC)/$$file); \ @@\
 done


/*
* Initialize:
* Puts the line symbol = value in the initialization section of
* Makefile.SH (the one that is subject to parameter substitutions).
*/
#define Initialize(symbol,value) @!\
+symbol = value


/*
* InstallLibrary:
* Generate rules to install the indicated library.
*/
#define InstallLibrary(libname,dest) @!\
local_install:: lib^^libname.a  @@\
 _MakeInstallDirIgnore(dest) \ @@\
 $(INSTALL) -c -m 644 lib^^libname.a $(INSTALL_PREFIX)^^^dest  @@\
 $(RANLIB) dest/lib^^libname.a @@\
 chmod 444 dest/lib^^libnane.a @!\
        @!\
local_deinstall::     @@\
 $(RM) $(INSTALL_PREFIX)^^^dest/lib^^libname.a


/*
* InstallSharedLibrary:
* Generate rules to install
 the shared library.
*/
#define InstallSharedLibrary(libname,rev,dest) @!\
local_install:: lib^^libname.so.rev  @@\
 _MakeInstallDirIgnore(dest) \  @@\
 $(INSTALL) -c -m 444 lib^^libname.so.rev $(INSTALL_PREFIX)^^^dest @!\
         @!\
local_deinstall::      @@\
 $(RM) $(INSTALL_PREFIX)^^^dest/lib^^libname.so.rev


/*
* InstallSharedLibraryData:
```

```
* Generate rules to install the shared library data
*/
#define InstallSharedLibraryData(libname,rev,dest) @!\
local_install:: lib^^libname.sa.rev  @@\
 _MakeInstallDirIgnore(dest) \  @@\
 $(INSTALL) -c -m 444 lib^^libname.sa.rev $(INSTALL_PREFIX)^^^dest @!\
        @!\
local_deinstall::     @@\
 $(RM) $(INSTALL_PREFIX)^^^dest/lib^^libname.sa.rev


/*
* InstallLibraryAlias:
* Generate rules to create a link from one library name to another
* for the purposes of aliasing.
*/
#define InstallLibraryAlias(libname,alias,dest) @!\
local_install:: lib^^libname.a @@\
 $(RM) lib^^alias.a  @@\
 -(cd dest; $(LN) lib^^libname.a lib^^alias.a)
 @!\
      @!\
local_deinstall::   @@\
 $(RM) dest/lib^^alias.a


/*
* InstallLintLibrary:
* Generate rules to install the indicated lint library.
*/
#define InstallLintLibrary(libname,dest) @!\
install.ln:: llib-l^^libname.ln   @@\
 _MakeInstallDirIgnore(dest) \  @@\
 $(INSTALL) -c -m 444 llib-l^^libname.ln $(INSTALL_PREFIX)^^^dest @!\
      @!\
deinstall.ln::    @@\
 $(RM) $(INSTALL_PREFIX)^^^dest/llib-l^^libname.ln


/*
* InstallManPageLong:
* Generate rules to install the indicated manual page, giving it an
* alternate name.  This is used for installing man pages whose base
* name without the .man suffix would normally be longer than 8
* characters (the limit for using source code control systems on
* files systems with short file names).
*/
#define InstallManPageLong(file,destdir,dest) @!\
```

```
local_install.man:: file.man   @@\
 _MakeInstallDirIgnore(destdir) \ @@\
 $(INSTALL) -c -m 444 file.man $(INSTALL_PREFIX)^^^destdir/dest.$(L) @!\
        @!\
local_deinstall.man::     @@\
 $(RM)
 $(INSTALL_PREFIX)^^^destdir/dest.$(L)  @!\


/*
* InstallManPage:
* Generate rules to install the indicated manual page.
*/
#define InstallManPage(file,dest) @!\
InstallManPageLong(file,dest,file)


/*
* InstallNonExec:
* Generate rules to install a data file using any special
*  install flags.
*/
#define InstallNonExec(file,dest) @!\
local_install:: file    @@\
 _MakeInstallDirIgnore(dest) \ @@\
 $(INSTALL) -c -m 444 file $(INSTALL_PREFIX)^^^dest @!\
        @!\
local_deinstall::     @@\
 $(RM) $(INSTALL_PREFIX)^^^dest/file


/*
* InstallProgramWithFlags:
* Generate rules to install an executable program using given
* install flags.
*/
#define InstallProgramWithFlags(program,dest,flags) @!\
local_install:: program    @@\
 _MakeInstallDirIgnore(dest) \ @@\
 $(INSTALL) -c -s -m 555 flags program^^^$(_EXE) $(INSTALL_PREFIX)^^^dest @!\
        @!\
local_deinstall::     @@\
 $(RM) $(INSTALL_PREFIX)^^^dest/program^^^$(_EXE)


/*
* InstallProgramNoStripWithFlags:
```

```
 * Generate rules to install an executable program using given
* install flags.
*/
#define InstallProgramNoStripWithFlags(program,dest,flags) @!\
local_install:: program    @@\
 _MakeInstallDirIgnore(dest) \ @@\
 $(INSTALL) -c -m 555 flags program^^^$(_EXE) $(INSTALL_PREFIX)^^^dest @!\
        @!\
local_deinstall::     @@\
 $(RM) $(INSTALL_PREFIX)^^^dest/program^^^$(_EXE)


/*
* InstallProgram:
* Generate rules to install an executable program using any special
* install flags set in $(INSTALLFLAGS).
*/
#define InstallProgram(program,dest) @!\
InstallProgramWithFlags(program,dest,^^)


/*
* InstallProgramNoStrip:
* Generate rules to install an executable program using any special
* install flags set in $(INSTALLFLAGS), but without stripping the
* executable from debugging symbols.
*/
#define InstallProgramNoStrip(program,dest) @!\
InstallProgramNoStripWithFlags(program,dest,^^)


/*
* InstallScriptWithFlags:
* Generate rules to install an executable script using given
* install
 flags.
*/
#define InstallScriptWithFlags(script,dest,flags) @!\
local_install:: script    @@\
 _MakeInstallDirIgnore(dest) \ @@\
 $(INSTALL) -c -m 555 flags script $(INSTALL_PREFIX)^^^dest @!\
        @!\
local_deinstall::     @@\
 $(RM) $(INSTALL_PREFIX)^^^dest/script


/*
* InstallScript:
```

```
* Generate rules to install an executable script using any special
* install flags set in $(INSTALLFLAGS).
*/
#define InstallScript(script,dest) @!\
InstallScriptWithFlags(script,dest,^^)


/*
* InstallScripts:
* Generate rules to install all the scripts listed in the generated
*  $(SCRIPTS) and $(LSCRIPTS) macros.
*/
#define InstallScripts() @!\
|once _InstallScripts_  @!\
local_install:: $(SCRIPTS) $(LSCRIPTS)    @@\
 _MakeInstallDirIgnore($(SCRIPTDIR)) \  @@\
 for file in $(SCRIPTS) $(LSCRIPTS); do \ @@\
  (set -x; \ @@\
  $(INSTALL) -c -m 555 $$file $(INSTALL_PREFIX)$(SCRIPTDIR)) || \ @@\
  exit 1; \ @@\
 done     @!\
      @!\
local_deinstall::   @@\
 @for file in $(SCRIPTS)
 $(LSCRIPTS); do \ @@\
  case '${MFLAGS}' in *[i]*) set +e;; esac; \ @@\
  (set -x; $(RM) $(INSTALL_PREFIX)$(SCRIPTDIR)/$$file); \ @@\
 done     @!\
-once

/*
* InstallManScripts:
* Generate rule to install/deinstall manual pages for scripts listed
* in the automatically generated $(SCRIPTS) macro.
*/
#define InstallManScripts() @!\
|once _InstallManScripts_ @!\
?NOMAN:|skip    @!\
local_install.man::   @@\
 _MakeInstallDirIgnore($(MANSRC)) \  @@\
 for file in $(SCRIPTS); do \   @@\
  if test -f $$file.man; then \  @@\
   (set -x; \      @@\
   $(INSTALL) -c -m 444 $$file.man \ @@\
    $(INSTALL_PREFIX)$(MANSRC)/$$file.$(L)) || \ @@\
    exit 1; \ @@\
  fi; \    @@\
 done     @!\
```

```
	@!\
local_deinstall.man::  @@\
 case '${MFLAGS}' in *[i]*) set +e;; esac; \ @@\
 for file in $(SCRIPTS); do \ @@\
  (set -x; $(RM) $(INSTALL_PREFIX)$(MANSRC)/$$file.$(L)); \ @@\
 done	@!\
	@!\
-skip	@!\
-once



/*
* LinkFileList:
* Link a list of list of files from one place to another
 */
#define LinkFileList(step,list,dir,sub) @!\
step:: list	@@\
 @case '${MFLAGS}' in *[i]*) set +e;; esac; \ @@\
 echo " cd" dir; cd dir; for i in list; do (set -x; $(LN) sub/$$i .); done


/*
* InstallMultipleDestFlags:
* Generate rules to install multiple files at once during a particular
* step in the build using a specific set of install flags.
*/
#define InstallMultipleDestFlags(step,list,dest,flags) @!\
step:: list	@@\
 _MakeInstallDirIgnore(dest) \ @@\
 for i in list; do \	@@\
  (set -x; $(INSTALL) -c flags \ @@\
   $$i $(INSTALL_PREFIX)^^^dest) || exit 1;\ @@\
 done

/*
* DeinstallMultipleDest:
* Generate rules to deinstall multiple files at once during a particular
* step in the build.
*/
#define DeinstallMultipleDest(step,list,dest) @!\
step::	@@\
 @case '${MFLAGS}' in *[i]*) set +e;; esac; \ @@\
 for i in list; do \	@@\
  (set -x; $(RM) $(INSTALL_PREFIX)^^^dest/$$i); \ @@\
 done

/*
```

```
* InstallMultiple:
* Generate rules to install multiple
 files at once during the install
* step of the build using any install flags set in $(INSTALLFLAGS)
* and deinstall them.
*/
#define InstallMultiple(list,dest) @!\
InstallMultipleDestFlags(local_install,list,dest,$(INSTALLFLAGS)) @!\
DeinstallMultipleDest(local_deinstall,list,dest)


/*
* InstallMultipleFlags:
* Generate rules to install multiple files at once during the
* install step of the build using the given install flags.
*/
#define InstallMultipleFlags(list,dest,flags) @!\
InstallMultipleDestFlags(local_install,list,dest,flags) @!\
DeinstallMultipleDest(local_deinstall,list,dest)


/*
* InstallMultipleMan:
* Generate rules to install a variety of manual pages
* during the install.man step of the build.
*/
#define InstallMultipleMan(list,dest) @!\
InstallMultipleDestFlags(local_install.man,list,dest,$(INSTALLFLAGS)) @!\
DeinstallMultipleDest(local_deinstall.man,list,dest)


/*
* DependDependency:
* Generate rules to build the makedepend program.
*/
#define DependDependency()
   @!\
depend:: TOPDIR/mkdep    @!\
        @!\
TOPDIR/mkdep:      @!\
?TOP: @echo "You have to run Configure first."; exit 1 @!\
%TOP: @echo "You have to run Configure in $(TOP) first."; exit 1


/*
* DependTarget:
* Generate rules to compute dependencies for all files listed
* in $(SOURCES) (automatically generated macro).
```

```
*/
#define DependTarget()    @!\
+USRINC = $usrinc @!\
|once _DependTarget_    @!\
DependDependency()     @!\
        @!\
depend::       @@\
 ($(SED) '/^# DO NOT DELETE/q' Makefile && \ @@\
 $(MKDEP) $(SOURCES) | \   @@\
 $(SED) -e 's:/usr/lib[^ ]*::g; s:$(USRINC)[^ ]*::g; ' \ @@\
  -e '/: / b print' -e '$$ b print' -e 'H; d; n; : print' \ @@\
  -e 'x; s/\\$$//; s/\\\n//g; s/ ^^ */ /g; s/ :/:/;' -e '/: *$$/d' \ @@\
 ) > Makefile.new    @@\
 cp Makefile Makefile.bak  @@\
 cp Makefile.new Makefile  @@\
 $(RM) Makefile.new    @!\
        @!\
-once


/*
* CleanTarget:
* Generate rules to remove any garbage files.
*/
#define CleanTarget()    @!\
?SUBDIRS:clean:
 sub_clean local_clean    @!\
%SUBDIRS:clean: local_clean       @!\
?SUBDIRS:realclean: sub_realclean local_realclean @!\
%SUBDIRS:realclean: local_realclean     @!\
?SUBDIRS:clobber: sub_clobber local_clobber   @!\
%SUBDIRS:clobber: local_clobber      @!\
        @!\
local_clean::       @@\
 if test -f core; then $(RM) core; fi @@\
 $(RM) *~ *.o     @!\
        @!\
local_realclean:: local_clean  @!\
?TOP: $(RM) -r UU     @!\
        @!\
local_clobber:: local_realclean  @!\
%TOP: $(RM) Makefile config.sh  @!\
?TOP: $(RM) config.sh config.h  @!\
?TOP: $(RM) -r .config    @!\
?TOP: $(RM) Makefile    @!\


/*
```

```
* InstallTarget:
* Generate rules to recursively install files
*/
#define InstallTarget()          @!\
?SUBDIRS:install:: local_install sub_install     @!\
%SUBDIRS:install:: local_install        @!\
?SUBDIRS:install.man:: maybe_install.man sub_install.man  @!\
%SUBDIRS:install.man:: maybe_install.man      @!\
?SUBDIRS:deinstall:: sub_deinstall local_deinstall    @!\
%SUBDIRS:deinstall::
 local_deinstall       @!\
?SUBDIRS:deinstall.man:: sub_deinstall.man maybe_deinstall.man @!\
%SUBDIRS:deinstall.man:: maybe_deinstall.man     @!\
              @!\
?MANSRC:install.man-yes: local_install.man      @!\
install.man-no:             @!\
?MANSRC:deinstall.man-yes: local_deinstall.man     @!\
deinstall.man-no:           @!\


/*
* TagsTarget:
* Generate rules to compute tags files for C source code.
*/
#define TagsTarget()    @!\
tags::       @@\
 $(CTAGS) -w *.[ch]    @@\
 $(CTAGS) -xw *.[ch] > tags  @!\
        @!\
local_clobber::      @@\
 $(RM) tags



/*
* BuildMakefileSH:
* Generate rules to build a Makefile.SH from an Jmakefile and any
* special jmake flags.  This is generally done automatically by the
* template or by any special Jmakefiles.
* This function will simply touch Makefile.SH if no $(TOP)/.package
* exists, assuming the Jmakefile is not in a production environment.
*/
#define BuildMakefileSH(jmakeflags) @!\
Makefile.SH:
 Jmakefile     @@\
 -@if test -f $(TOP)/.package; then \ @@\
  if test -f Makefile.SH; then \ @@\
   echo " $(RM) Makefile.SH~; $(MV) Makefile.SH Makefile.SH~"; \ @@\
```

```
  $(RM) Makefile.SH~; $(MV) Makefile.SH Makefile.SH~; \ @@\
 fi; \      @@\
 echo " $(JMAKE) -DTOPDIR=$(TOP) -DCURDIR=$(CURRENT)" jmakeflags; \ @@\
 $(JMAKE) -DTOPDIR=$(TOP) -DCURDIR=$(CURRENT) jmakeflags; \ @@\
else touch $@; fi


/*
* BuildMakefile:
* Generate rules to build a Makefile from a Makefile.SH.
*/
#define BuildMakefile() @!\
Makefile: Makefile.SH    @@\
 /bin/sh Makefile.SH


/*
* MakefileTarget:
* Generate rules to build a normal Makefile.
*/
#define MakefileTarget()  @!\
BuildMakefileSH(^^)    @!\
BuildMakefile()


/*
* NormalObjectRule:
* Generate make rule to build usual object files.
*/
#define NormalObjectRule()   @!\
|once _ObjectRule_     @!\
|rule:.c.o:       @!\
|rule: $(CC) -c $(JCFLAGS) $<  @!\
|rule:        @!\
-once

/*
* NormalLibraryObjectRule:
* Generate make rules to build
 "normal" objects.
*/
#define NormalLibraryObjectRule() @!\
|once _ObjectRule_     @!\
|rule:.c.o:       @!\
|rule: $(RM) $@      @!\
|rule: $(CC) -c $(JCFLAGS) $<  @!\
|rule:        @!\
-once
```

```
/*
* ProfiledLibraryObjectRule:
* Generate make rules to build both profiled and "normal" objects.
*/
#define ProfiledLibraryObjectRule() @!\
all::	@@\
 @if [ ! -d profiled ]; then mkdir profiled; fi @!\
	@!\
|rule:.c.o:	@!\
|rule: $(RM) $@ profiled/$@   @!\
|rule: $(CC) -pg -c $(JCFLAGS) $*.c @!\
|rule: $(MV) $*.o profiled/$*.o  @!\
|rule: $(CC) -c $(JCFLAGS) $*.c  @!\
|rule:	@!\
local_clean::	@@\
 -@if [ -d profiled ]; then echo " $(RM) profiled/?*.o"; \ @@\
  $(RM) profiled/?*.o; fi


/*
* DebuggedLibraryObjectRule:
* Generate make rules to build both debuggable and "normal"
* objects.
*/
#define DebuggedLibraryObjectRule()	@!\
all::	@@\
 @if [ ! -d debugger ]; then mkdir debugger; fi @!\
	@!\
|rule:.c.o:	@!\
|rule: $(RM) $@
 debugger/$@   @!\
|rule: $(CC) -g -c $(JCFLAGS) $*.c @!\
|rule: $(MV) $*.o debugger/$*.o  @!\
|rule: $(CC) -c $(JCFLAGS) $*.c  @!\
|rule:	@!\
local_clean::	@@\
 -@if [ -d debugger ]; then echo " $(RM) debugger/?*.o"; \ @@\
  $(RM) debugger/?*.o; fi


/*
* DebuggedAndProfiledLibraryOjbectRule:
* Generate make rules to build debuggable, profiled, and "normal"
* objects.
*/
#define DebuggedAndProfiledLibraryObjectRule() @!\
all::	@@\
```

```
 @if [ ! -d profiled ]; then mkdir profiled; fi @@\
 @if [ ! -d debugger ]; then mkdir debugger; fi @!\
        @!\
|rule:.c.o:       @!\
|rule: $(RM) $@ profiled/$@ debugger/$@ @!\
|rule: $(CC) -pg -c $(JCFLAGS) $*.c  @!\
|rule: $(MV) $*.o profiled/$*.o   @!\
|rule: $(CC) -g -c $(JCFLAGS) $*.c  @!\
|rule: $(MV) $*.o debugger/$*.o   @!\
|rule: $(CC) -c $(JCFLAGS) $*.c   @!\
|rule:        @!\
local_clean::      @@\
 -@if [ -d profiled ]; then echo " $(RM) profiled/?*.o"; \ @@\
  $(RM) profiled/?*.o; fi   @@\
 -@if [ -d debugger ];
 then echo " $(RM) debugger/?*.o"; \ @@\
  $(RM) debugger/?*.o; fi


/*
* SharedLibraryObjectRule:
* Generate make rules to build shared and "normal" object files.
*/
#define SharedLibraryObjectRule()     @!\
all::       @@\
 @if [ ! -d shared ]; then mkdir shared; fi  @!\
        @!\
|rule:.c.o:      @!\
|rule: $(RM) $@ shared/$@   @!\
|rule: $(CC) -pic -c $(SHAREDCODEDEF) $(SHLIBDEF) $(JCFLAGS) $*.c @!\
|rule: $(MV) $*.o shared/$*.o  @!\
|rule: $(CC) -c $(SHLIBDEF) $(JCFLAGS) $*.c    @!\
|rule:       @!\
local_clean::     @@\
 -@if [ -d shared ]; then echo " $(RM) shared/?*.o"; \  @@\
  $(RM) shared/?*.o; fi

/*
* SharedAndDebuggedLibraryObjectRule:
* Generate make rules to build shared, debuggable, and "normal"
* object files.
*/
#define SharedAndDebuggedLibraryObjectRule() @!\
all::         @@\
 @if [ ! -d shared ]; then mkdir shared; fi  @@\
 @if [ ! -d debugger ]; then mkdir debugger; fi @!\
          @!\
|rule:.c.o:        @!\
```

```
|rule: $(RM) $@ shared/$@ debugger/$@  @!\
|rule:
 $(CC) -pic -c $(SHAREDCODEDEF) $(SHLIBDEF) $(JCFLAGS) $*.c @!\
|rule: $(MV) $*.o shared/$*.o    @!\
|rule: $(CC) -g -c $(SHLIBDEF) $(JCFLAGS) $*.c @!\
|rule: $(MV) $*.o debugger/$*.o    @!\
|rule: $(CC) -c $(SHLIBDEF) $(JCFLAGS) $*.c @!\
|rule:         @!\
local_clean::        @@\
 -@if [ -d shared ]; then echo " $(RM) shared/?*.o"; \  @@\
  $(RM) shared/?*.o; fi    @@\
 -@if [ -d debugger ]; then echo " $(RM) debugger/?*.o"; \ @@\
  $(RM) debugger/?*.o; fi

/*
* SpecialSharedAndDebuggedObjectRule:
* Generate rules to compile a file with special flags and to make
* shared and debuggable versions.
*/
#define SpecialSharedAndDebuggedObjectRule(objs,depends,options) @!\
all::        @@\
 @if [ ! -d shared ]; then mkdir shared; fi  @@\
 @if [ ! -d debugger ]; then mkdir debugger; fi @!\
        @!\
objs: depends       @@\
 $(RM) $@ shared/$@ debugger/$@  @@\
 $(CC) -pic -c $(SHAREDCODEDEF) $(SHLIBDEF) $(JCFLAGS) options $*.c @@\
 $(MV) $*.o shared/$*.o    @@\
 $(CC)
 -g -c $(SHLIBDEF) $(JCFLAGS) options $*.c   @@\
 $(MV) $*.o debugger/$*.o   @@\
 $(CC) -c $(SHLIBDEF) $(JCFLAGS) options $*.c

/*
* SpecialSharedObjectRule:
* Generate rules to compile a file with special flags and to make
* shared and debuggable versions.
*/
#define SpecialSharedObjectRule(objs,depends,options)  @!\
all::        @@\
 @if [ ! -d shared ]; then mkdir shared; fi  @!\
        @!\
objs: depends       @@\
 $(RM) $@ shared/$@      @@\
 $(CC) -pic -c $(SHAREDCODEDEF) $(SHLIBDEF) $(JCFLAGS) options $*.c @@\
 $(MV) $*.o shared/$*.o    @@\
 $(CC) -c $(SHLIBDEF) $(JCFLAGS) options $*.c
```

```
/*
* SpecialObjectRule:
* Generate rules to compile a file with special flags.
*/
#define SpecialObjectRule(objs,depends,options)  @!\
objs: depends       @@\
 $(RM) $@       @@\
 $(CC) -c $(JCFLAGS) options $*.c


/*
* SpecialProfiledObjectRule:
* Generate rules to compile a file with special flags and to make a
* profiled version.
*/
#define SpecialProfiledObjectRule(objs,depends,options)   @!\
all::        @@\
 @if
 [ ! -d profiled ]; then mkdir profiled; fi @!\
        @!\
objs: depends       @@\
 $(RM) $@ profiled/$@    @@\
 $(CC) -pg -c $(JCFLAGS) options $*.c @@\
 $(MV) $*.o profiled/$*.o   @@\
 $(CC) -c $(JCFLAGS) options $*.c


/*
* SpecialDebuggedObjectRule:
* Generate rules to compile a file with special flags and to make a
* debuggable version.
*/
#define SpecialDebuggedObjectRule(objs,depends,options) @!\
all::        @@\
 @if [ ! -d debugger ]; then mkdir debugger; fi @!\
        @!\
objs: depends       @@\
 $(RM) $@ debugger/$@    @@\
 $(CC) -g -c $(JCFLAGS) options $*.c @@\
 $(MV) $*.o debugger/$*.o   @@\
 $(CC) -c $(JCFLAGS) options $*.c


/*
* SpecialDebuggedAndProfiledObjectRule:
* Generate rules to compile a file with special flags and to make
* debuggable and profiled versions.
```

```
*/
#define SpecialDebuggedAndProfiledObjectRule(objs,depends,options) @!\
all::        @@\
 @if [ ! -d profiled ]; then mkdir profiled; fi @@\
 @if [ ! -d
 debugger ]; then mkdir debugger; fi @!\
         @!\
objs: depends       @@\
 $(RM) $@ profiled/$@ debugger/$@ @@\
 $(CC) -pg -c $(JCFLAGS) options $*.c @@\
 $(MV) $*.o profiled/$*.o   @@\
 $(CC) -g -c $(JCFLAGS) options $*.c @@\
 $(MV) $*.o debugger/$*.o   @@\
 $(CC) -c $(JCFLAGS) options $*.c


/*
* NormalLibraryTarget:
* Generate rules to create a library. The 'srclist' and 'objlist'
* parameters are added to SOURCES and OBJECTS macros. The 'srclist'
* is not otherwise used by this rule, but is necessary for make depend.
*/
#define NormalLibraryTarget(libname,srclist,objlist) @!\
++OBJECTS objlist @!\
++SOURCES srclist @!\
NormalLibraryObjectRule()  @!\
AllTarget(lib^^libname.a)  @!\
        @!\
lib^^libname.a: objlist   @@\
 $(RM) $@     @@\
 $(AR) $@ objlist   @@\
 $(RANLIB) $@


/*
* NormalSharedLibraryTarget:
* Generate rules to create a shared library; build it into a
* different name so that the we don't hose people by having the
* library gone for long periods.
*/
#define
 NormalSharedLibraryTarget(libname,rev,solist) @!\
AllTarget(lib^^libname.so.rev) @!\
         @!\
lib^^libname.so.rev:  solist  @@\
 $(RM) $@~      @@\
 (cd shared; $(LD) -o ../$@~ -assert pure-text solist)  @@\
 $(RM) $@       @@\
```

```
 $(MV) $@~ $@

/*
* NormalSharedLibraryDataTarget:
* Generate rules to create shlib data file; build it into a
* different name so that the we don't hose people by having the
* library gone for long periods.
*/
#define NormalSharedLibraryDataTarget(libname,rev,salist) @!\
AllTarget(lib^^libname.sa.rev) @!\
        @!\
lib^^libname.sa.rev:  salist  @@\
 $(RM) $@      @@\
 $(AR) $@ salist     @@\
 $(RANLIB) $@


/*
* NormalLibraryTarget2:
* Generate rules to create a library in two steps.  This is used to
* create libraries with large numbers of files.
*/
#define NormalLibraryTarget2(libname,srclist,objlist1,objlist2) @!\
++SOURCES srclist @!\
++OBJECTS objlist1 @!\
++OBJECTS objlist2 @!\
NormalLibraryObjectRule()   @!\
AllTarget(lib^^libname.a)   @!\
        @!\
lib^^libname.a:
 objlist1 objlist2 @@\
 $(RM) $@      @@\
 $(AR) $@ objlist1    @@\
 $(AR) $@ objlist2    @@\
 $(RANLIB) $@


/*
* ProfiledLibraryTarget:
* Generate rules to create a profiled library.
*/
#define ProfiledLibraryTarget(libname,srclist,objlist) @!\
++SOURCES srclist @!\
++OBJECTS objlist @!\
AllTarget(lib^^libname^^_p.a)  @!\
        @!\
lib^^libname^^_p.a: objlist   @@\
 $(RM) $@      @@\
```

```
 cd profiled; $(AR) ../$@ objlist @@\
 $(RANLIB) $@


/*
* DebuggedLibraryTarget:
* Generate rules to create a debuggable library.
*/
#define DebuggedLibraryTarget(libname,srclist,objlist) @!\
++SOURCES srclist @!\
++OBJECTS objlist @!\
AllTarget(lib^^libname^^_d.a)  @!\
        @!\
lib^^libname^^_d.a: objlist   @@\
 $(RM) $@       @@\
 cd debugger; $(AR) ../$@ objlist @@\
 $(RANLIB) $@


/*
* AliasedLibraryTarget:
* Generate rules to link one library to another.
*/
#define AliasedLibraryTarget(libname,alias) @!\
AllTarget(lib^^alias.a)   @!\
        @!\
lib^^alias.a:
 lib^^libname.a @@\
 $(RM) $@     @@\
 $(LN) lib^^libname.a $@


/*
* PrelinkedRelocatableTarget:
* Generate rules to produce a relocatable object file instead of a
* library.
*/
#define PrelinkedRelocatableTarget(objname,objlist,libs) @!\
AllTarget(objname.o)    @!\
        @!\
objname.o: objlist     @@\
 $(RM) $@      @@\
 $(LD) $(JLDFLAGS) -r objlist -o $@ libs


/*
* NormalObjectTarget:
* Generate rules to produce a single object file.o from a file.c.
```

```
*/
#define NormalObjectTarget(file) @!\
++SOURCES file^^.c     @!\
AllTarget(file^^.o)     @!\
NormalObjectRule()

/*
* NormalRelocatableTarget:
* Generate rules to produce a relocatable object file instead of a
* library.
*/
#define NormalRelocatableTarget(objname,objlist) @!\
AllTarget(objname.o)    @!\
        @!\
objname.o: objlist     @@\
 $(RM) $@      @@\
 $(LD) $(JLDFLAGS) -r objlist -o $@


/*
* ProfiledRelocatableTarget:
* Generate rules to produce a profiled relocatable object file
* instead
 of a library.
*/
#define ProfiledRelocatableTarget(objname,objlist) @!\
AllTarget(objname^^_p.o)  @!\
       @!\
objname^^_p.o: objlist   @@\
 $(RM) $@     @@\
 $(LD) -X -r objlist -o $@


/*
* DebuggedRelocatableTarget:
* Generate rules to produce a debuggable relocatable object file
* instead of a library.
*/
#define DebuggedRelocatableTarget(objname,objlist) @!\
AllTarget(objname^^_d.o)  @!\
       @!\
objname^^_d.o: objlist   @@\
 $(RM) $@     @@\
 $(LD) -X -r objlist -o $@

/*
* LintLibraryTarget:
* Generate rules to create a lint library.  Note that the lint
```

```
* library is always forced to be newer than the library itself.
*/
#define LintLibraryTarget(libname,srclist) @!\
lintlib:: llib-l^^libname.ln @!\
        @!\
llib-l^^libname.ln: srclist  @@\
 $(RM) $@     @@\
 $(LINT) $(LINTLIBFLAG)^^libname $(LINTFLAGS) srclist


/*
* NormalLintTarget:
* Generate rules to lint a set of sources.
*/
#define NormalLintTarget(srclist) @!\
lint:        @@\
 $(LINT) $(LINTFLAGS) srclist
 $(LINTLIBS)


/*
* LintTarget:
* Generate rules to lint $(SOURCES) (automatically generated)
*/
#define LintTarget()   @!\
|once _LintTarget_    @!\
NormalLintTarget($(SOURCES)) @!\
-once


/*
* LinkSourceFile:
* Snag source file from some other directory
*/
#define LinkSourceFile(src,dir)  @!\
src:  dir/src   @@\
 $(RM) $@   @@\
 $(LN) $? $@   @!\


/*
* MakeSubincludesForBuild:
* Make includes in sub directories.
*/
#define MakeSubincludesForBuild(step,dir,srclist) @!\
step::  dir srclist        @@\
 @-(list=`echo srclist | sed -e 's/[^ ]*\//g'`; \  @@\
  set -x; cd dir; $(RM) $$list)   @@\
```

```
 @for i in srclist; do \      @@\
  (set -x; cd dir; $(LN) ../$$i .) || exit 1; \  @@\
 done          @!\
           @!\
MakeDirectories(dir,dir)      @!\
           @!\
local_realclean::         @@\
 @-(if [ -d dir ]; then \     @@\
  list=`echo srclist | sed -e 's/[^ ]*\//g'`; \  @@\
  set -x; cd dir; $(RM) $$list; fi)


/*
* CommonSubdirsRule:
* Rule for making $(TARGET) in
 every subdirectory, with $(VERB) as
* verbose message and $(FLAGS) as additional flags.
*/
#define CommonSubdirsRule(dirs) @!\
subdirs:       @@\
 @case '${MFLAGS}' in *[ik]*) set +e;; esac; \   @@\
 for i in dirs ;\     @@\
 do \        @@\
  (cd $$i ; echo $(VERB) "in $(DIR)$$i..."; \  @@\
   $(MAKE) $(MFLAGS) $(FLAGS) $(TARGET)) || exit 1; \ @@\
 done


/*
* NamedTargetSubdirsRule:
* Recursively make a series of steps in the specified directories.
*/
#define NamedTargetSubdirsRule(dirs,name,verb,flags) @!\
name::         @@\
 @case '${MFLAGS}' in *[ik]*) set +e;; esac; \  @@\
 for i in dirs ;\     @@\
 do \        @@\
  (cd $$i ; echo verb "in $(DIR)$$i..."; \ @@\
   $(MAKE) $(MFLAGS) flags name) || exit 1; \ @@\
 done


/*
* NamedTargetSubdirs:
* Recursively make a series of steps.
*/
#define NamedTargetSubdirs(name,verb,flags)  @!\
name::          @@\
```

```
 @$(MAKE) subdirs TARGET=name VERB=verb FLAGS=flags


/*
* NamedSubTargetSubdirs:
* Recursively make a series of steps,
 like NamedTargetSubdirs.
* However, the supplied "name" has "sub_" prefixed to it.
*/
#define NamedSubTargetSubdirs(name,verb,flags) @!\
sub_^^^name::          @@\
 @$(MAKE) subdirs TARGET=name VERB=verb FLAGS=flags

/*
* NamedDepthTargetSubdirs:
* Recursively make a series of steps. We first enter the
* subdirectories, then perform the local entries.
* The supplied "name" has "sub_" prefixed to it.
*/
#define NamedDepthTargetSubdirs(name,verb,flags)  @!\
sub_^^^name::      @@\
 @$(MAKE) subdirs TARGET=name VERB=verb FLAGS=flags @@\
 @echo "Back to $(CURRENT) for "name^^...


/*
* MakeSubdirs:
* Generate rules to do makes in the given subdirectories.
*/
#define MakeSubdirs() \
NamedTargetSubdirs(all,"Making all",^^)


/*
* DependDirs:
* Generate rules to recursively compute dependencies as part of the
* make depend step.
*/
#define DependDirs(dirs) \
NamedTargetSubdirsRule(dirs,depend,"Depending",^^)


/*
* DependSubdirs:
* Generate rules to recursively compute dependencies
 as part of the
* make depend step.
*/
```

```
#define DependSubdirs() \
DependDirs($(SUBDIRS))


/*
* InstallSubdirs:
* Generate rules to recursively install and deinstall programs and
* files.
*/
#define InstallSubdirs() \
NamedSubTargetSubdirs(install,"Installing",^^) @!\
NamedDepthTargetSubdirs(deinstall,"Deinstalling",^^)


/*
* InstallManSubdirs:
* Generate rules to recursively install and deinstall manual pages.
*/
#define InstallManSubdirs() \
NamedSubTargetSubdirs(install.man,"Installing man pages",^^) @!\
NamedDepthTargetSubdirs(deinstall.man,"Deinstalling man pages",^^)


/*
* IncludesSubdirs:
* Generate rules to recursively put include files in build
*/
#define IncludesSubdirs() \
NamedTargetSubdirs(includes,including,^^)


/*
* CleanSubdirs:
* Generate rules to recursively clean out garbage files.
*/
#define CleanSubdirs() \
NamedDepthTargetSubdirs(clean,"Cleaning",^^) @!\
NamedDepthTargetSubdirs(realclean,"Real cleaning",^^) @!\
NamedDepthTargetSubdirs(clobber,"Clobbering",^^)


/*
 * TagSubdirs:
* Generate rules to recursively create tags files.
*/
#define TagSubdirs(dirs) \
NamedTargetSubdirsRule(dirs,tag,"Tagging",^^)
```

```
/*
* MakeLintSubdirs:
* Generate rules to recursively lint directories as part of the
* named step.
*/
#define MakeLintSubdirs(dirs,target) \
NamedTargetSubdirsRule(dirs,target,"Linting",^^)


/*
* LintDirs:
* Generate rules to recursively lint directories as part of the
* make lint step.
*/
#define LintDirs(dirs) \
MakeLintSubdirs(dirs,lint)


/*
* LintSubdirs:
* Generate rules to recursively lint directories as part of the
* make lint step.
*/
#define LintSubdirs() \
LintDirs($(SUBDIRS))


/*
* MakeDirs:
* Creates a set of directories, even if some directories in the path
* do not already exist. There should be no '@!' at the end of the
* '#define' line, because this macro is used *inside* building rules.
*/
#define MakeDirs(dirs) \
 @case '${MFLAGS}' in *[i]*) set +e;; esac; \   @@\
 for dir in dirs;
 do \         @@\
  (set -x; test -d $$dir || $(INSTALLDIR) $$dir) || \ @@\
  exit 1; \  @@\
 done

/*
* _MakeInstallDirs:
* Creates a set of intall directories, even if some directories in the path
* do not already exist. There should be no '@!' at the end of the
* '#define' line, because this macro is used *inside* building rules.
*/
#define _MakeInstallDirs(dirs) \
```

```
 @case '${MFLAGS}' in *[i]*) set +e;; esac; \ @@\
 for dir in dirs; do \       @@\
  _MakeInstallDir($$dir) \     @@\
 done

/*
* _MakeInstallDir:
* Internal macro to create a missing install directory.
*/
#define _MakeInstallDir(dir) \
 (set -x; test -d $(INSTALL_PREFIX)^^^dir || \ @@\
  $(INSTALLDIR) $(INSTALL_PREFIX)^^^dir);

/*
* _MakeInstallDirIgnore:
* Same as _MakeInstallDir but handles "make -i" as well.
*/
#define _MakeInstallDirIgnore(dir) \
 @case '${MFLAGS}' in *[i]*) set +e;; esac;  \ @@\
 _MakeInstallDir(dir)

/*
* _RmInstallDirs:
* Removes a set of intall directories.
* There should be no '@!'
 at the end of the '#define' line, because this
* macro is used *inside* building rules.
*/
#define _RmInstallDirs(dirs) \
 @case '${MFLAGS}' in *[i]*) set +e;; esac; \ @@\
 for dir in dirs; do \       @@\
  (set -x; test -d $$dir && $(RM) -r $(INSTALL_PREFIX)$$dir); \ @@\
 done

/*
* MakeDirectories:
* Generate rules to create a hierarchy of directories.
*/
#define MakeDirectories(step,dirs)  @!\
step::         @@\
 MakeDirs(dirs)


/*
* MakeInstallDirectories:
* Generate a rule to create a set of directories at installation
* time (removed by deinstall).
*/
```

```
#define MakeInstallDirectories(dirs) @!\
local_install::    @@\
 _MakeInstallDirs(dirs) @!\
      @!\
local_deinstall::   @@\
 _RmInstallDirs(dirs)


/*
* MakeLintLibSubdirs:
* Generate rules to recursively create lint libraries.
*/
#define MakeLintLibSubdirs(dirs) @!\
MakeLintSubdirs(dirs,lintlib)


/*
* MakeMakeSubdirs:
* Generate rules to recursively recreate target as part of the
* specified step in the build.
  This assumes Makefile.SH has
* already been built (which is the case for a delivery), but does
* not rely on the existence of a Makefile.
*/
#define MakeMakeSubdirs(target) @!\
target::       @@\
 @case '${MFLAGS}' in *[ik]*) set +e;; esac; \ @@\
 for i in $(SUBDIRS);\    @@\
 do \       @@\
  echo "Making "target" in $(DIR)$$i..."; \ @@\
  (cd $$i || exit 1; \   @@\
  if test ! -f Makefile; then /bin/sh Makefile.SH; fi; \ @@\
  $(MAKE) $(MFLAGS) target) || exit 1;\ @@\
 done


/*
* MakeMakefilesSH:
* Generate rules to recursively recreate target as part of the
* specified step in the build.  If $(TOP) is set to an absolute
* path, don't prepend the ../ prefix.  This makes running things
* outside of the source tree to be much easier.
*/
#define MakeMakefilesSH()  @!\
Makefiles.SH:: Makefile.SH    @@\
 @case '${MFLAGS}' in *[ik]*) set +e;; esac; \ @@\
 for i in $(SUBDIRS);\     @@\
 do \       @@\
```

```
 case "$(DIR)$$i/" in \        @@\
 ^^*^^/^^*^^/^^*^^/^^*^^/) newtop=../../../..;;
\ @@\
 ^^*^^/^^*^^/^^*^^/) newtop=../../..;; \    @@\
 ^^*^^/^^*^^/) newtop=../..;; \      @@\
 *^^/) newtop=..;; \         @@\
 esac; \            @@\
 case "$(TOP)" in \    @@\
 /^^*) newtop="$(TOP)" ;; \  @@\
 esac; \       @@\
 echo "Making Makefiles.SH in $(DIR)$$i..."; \ @@\
 (cd $$i || exit 1; \   @@\
  if test -f Jmakefile; then \ @@\
   $(MAKE) $(MFLAGS) -f ../Makefile \ @@\
    Makefile TOP=$$newtop CURRENT=$(DIR)$$i && \  @@\
   $(MAKE) $(MFLAGS) Makefiles.SH; \ @@\
  fi; \      @@\
 ) || exit 1; \ @@\
done


/*
* MakefileSubdirs:
* Generate rules to create Makefiles.
*/
#define MakefileSubdirs()  @!\
MakeMakeSubdirs(Makefiles)  @!\
MakeMakefilesSH()


/*
* CppScriptTarget:
* Generate rules to create a shell script by running the input
* through cpp.
*/
#define CppScriptTarget(dst,src,defs,deplist) @!\
dst::  src deplist      @@\
 $(RM) $@       @@\
 $(CPP) defs <src | \    @@\
  sed -e '/^#  *[0-9][0-9]*  *.*$$/d' >$@  @@\
 chmod a+x $@


/*
 * MakeScriptFromCpp:
* Generate rules to create a script from a file with a
* .cpp suffix.
*/
```

```
#define MakeScriptFromCpp(name,defs) @!\
CppScriptTarget(name,name.cpp,defs,^^)


/*
* ShellScriptTargetExt:
* Generate rules to create and install a set of scripts from
* ext files (.sh and .SH are the most common examples). Man pages
* derived from the name of the scripts are also installed unless
* NoManPages() is specified.
*/
#define ShellScriptTargetExt(scripts,ext) @!\
++SCRIPTS scripts @!\
SimpleShellScriptTargetExt(scripts,ext)  @!\
InstallScripts()       @!\
InstallManScripts()


/*
* ShellScriptTarget:
* Generate rules to create and install a set of scripts from
* .SH files. Man pages derived from the name of the scripts are
* also installed unless NoManPages() is specified.
*/
#define ShellScriptTarget(scripts) @!\
ShellScriptTargetExt(scripts,.SH)


/*
* SimpleShellScriptTargetExt:
* Generate rules to create a set of scripts from ext files where
* ext is usually
 something like .sh or .SH, or whatever file
* extension you like..
*/
#define SimpleShellScriptTargetExt(scripts,ext) @!\
AllTarget(scripts)   @!\
       @!\
|expand s!scripts!   @!\
!s: !s^^ext     @@\
 /bin/sh !s^^ext   @!\
       @!\
-expand


/*
* SimpleShellScriptTarget:
* Generate rules to create a set of scripts from .SH files.
```

```
*/
#define SimpleShellScriptTarget(scripts) @!\
SimpleShellScriptTargetExt(scripts,.SH)


/*
* ShellScriptLongTarget:
* Generate rules to create a set of scripts from .SH files where
* the name of the generated file is different from the basename of
* the .SH file (when, for instance, the total length with the .SH
* extension would not leave enough space for RCS ,v extension).
*/
#define ShellScriptLongTarget(basename,scriptname) @!\
++LSCRIPTS scriptname @!\
AllTarget(scriptname)  @!\
      @!\
scriptname: basename^^.SH @@\
 /bin/sh basename^^.SH @!\
      @!\
InstallScripts()   @!\
?NOMAN:|skip    @!\
InstallManPageLong(basename,$(MANSRC),scriptname) @!\
-skip


/*
 * ForceTarget:
* The force target will force reconstruction of all the other
* targets which include .FORCE in their own dependencies.
*/
#define ForceTarget() @!\
|once _force_   @!\
.FORCE:     @!\
     @!\
-once


/*
* RemoteTargetDependency:
* A local target may rely on a remote dependency (e.g. a library)
* made in a separate directory. This rule explicits the dependency
* and forces a make of that dependency in the remote directory.
*/
#define RemoteTargetDependency(target,directory,dependency) @!\
RemoteDependency(directory,dependency) @!\
target: directory/^^^dependency @!\
```

```
/*
* RemoteDependency:
* Specify rules for making a remote dependency.
*/
#define RemoteDependency(directory,dependency) @!\
ForceTarget()       @!\
|once =directory/^^^dependency=   @!\
directory/^^^dependency: .FORCE   @@\
 @echo "Checking "^^^dependency" in "^^^directory"..." @@\
 cd ^^^directory; $(MAKE) ^^^dependency @@\
 @echo "Continuing in $(CURRENT)..." @!\
     @!\
-once

/*
 * SetSubdirs:
* Actually forces the definition of SUBDIRS, and lets the user
* specify what the sub-directories are.  This will be added to the
* customization part.
*/
#define SetSubdirs(subdirs) @!\
>SUBDIRS @!\
+SUBDIRS = subdirs


/*
* NoManPages:
* Actually forces the definition of NOMAN, which tells the jmake
* program to not generate rules for installing manual pages.
*/
#define NoManPages() @!\
>NOMAN


/*
* Expand:
* This powerful macro expands the `rule' given a `pattern'. It
* relies on a built-in command in jmake. The expansion is
* documented in the short notes file that comes with jmake and
* gives some insights on the internal syntax.
*/
#define Expand(rule, pattern) @!\
|expand pattern @!\
rule @!\
-expand


/*
```

```
* Lex and yacc stuff.
*/

/*
* YaccRule:
* This is the rule which is used to build a .c file from a .y file.
*/
#define YaccRule() @!\
AddSuffix(.y)     @!\
|once _YaccRule_    @!\
|rule:.y.c:      @!\
|rule: $(YACC) $(JYFLAGS)
 $< @!\
|rule: $(MV) y.tab.c $@   @!\
|rule:       @!\
-once

/*
* SimpleYaccTarget:
* Declare a yacc base.y file to be used in the building of the
* specified target program. The source file must be given without
* its final .y extension. The name of the .c and .o will be
* derived from the source file basename provided.
*/
#define SimpleYaccTarget(program,base) @!\
++SOURCES base.y @!\
++OBJECTS base.o @!\
YaccRule()    @!\
program: base.c   @!\
     @!\
local_realclean::  @@\
 $(RM) base.c  @!\


/*
* ComplexYaccTarget:
* Declare a yacc base.y file to be used in the building of the
* specified target program. The source file must be given without
* its final .y extension. The name of the .c and .o will be
* derived from the source file basename provided.
* The difference with SimpleYaccTarget is the identifying process
* where all the 'yy' are replaced by the specified prefix.
*/
#define ComplexYaccTarget(program,base,prefix) @!\
++SOURCES base.y @!\
++OBJECTS base.o
 @!\
program: base.c   @!\
```

```
     @!\
base.c: base.y     @@\
 $(YACC) $(JYFLAGS) base.y @@\
 $(SED) -e 's/yy\(.\)/prefix\1/g' < y.tab.c > base.c @@\
 $(SED) -e 's/yy\(.\)/prefix\1/g' < y.tab.h > base.h @@\
 $(RM) y.tab.c y.tab.h @!\
      @!\
local_realclean::  @@\
 $(RM) base.c  @!\


/*
* SimpleYaccInclude:
* Declare that program will need an include file produced by
* the output of yacc on base.y, which typically produces a file
* named y.tab.h, which will be renamed as base.h.
* The only problem is that the dependencies towards base.h have
* to be manually given in the Jmakefile.
*/
#define SimpleYaccInclude(base) @!\
base.h: base.c  @@\
 @if test -f y.tab.h; then \ @@\
  echo " $(MV) y.tab.h $@"; \ @@\
  $(MV) y.tab.h $@; \  @@\
 fi       @!\
       @!\
local_realclean::    @@\
 $(RM) base.h

/*
* ComplexYaccInclude:
* Declare that program will need an include file produced by
* the output of yacc on base.y, which typically produces a file
* named y.tab.h, which will
 be renamed as base.h.
* The difference with SimpleYaccInclude is the identifying process
* of the y.tab.h file where all 'yy' are renamed to prefix.
* The only problem is that the dependencies towards base.h have
* to be manually given in the Jmakefile.
*/
#define ComplexYaccInclude(base,prefix) @!\
base.h: base.c  @@\
 @if test -f y.tab.h; then \ @@\
  echo " $(SED) -e 's/yy\(.\)/prefix\1/g' < y.tab.h > base.h"; \ @@\
  $(SED) -e 's/yy\(.\)/prefix\1/g' < y.tab.h > base.h; \ @@\
  echo " $(RM) y.tab.h"; \ @@\
  $(RM) y.tab.h; \  @@\
 elif test -f base.h; then \ @@\
```

```
  echo " $(CP) base.h base.ht"; \ @@\
  $(CP) base.h base.ht; \ @@\
  echo " $(SED) -e 's/yy\(.\)/prefix\1/g' < base.ht > base.h"; \ @@\
  $(SED) -e 's/yy\(.\)/prefix\1/g' < base.ht > base.h; \ @@\
  echo " $(RM) base.ht"; \ @@\
  $(RM) base.ht; \  @@\
 fi       @!\
       @!\
local_realclean::    @@\
 $(RM) base.h


/*
* NormalYaccTarget:
* Declare a yacc base.y file which should produce a base.c and
* base.h file
 as derived from the output of yacc, to be used by
* the specified program.
*/
#define NormalYaccTarget(program,base) @!\
SimpleYaccTarget(program,base) @!\
SimpleYaccInclude(base)


/*
* IdentifiedYaccTarget:
* Declare a yacc base.y file which should produce a base.c and
* base.h file as derived from the output of yacc, to be used by
* the specified program. The specified prefix is used to remplace
* all the 'yy' in the generated file, for use when more than a
* single parser is needed in one executable.
*/
#define IdentifiedYaccTarget(program,base,prefix) @!\
ComplexYaccTarget(program,base,prefix) @!\
ComplexYaccInclude(base,prefix)


/*
* SimpleLexTarget:
* This declares a lex base.l file which is to be ran through
* lex to produce a base.c file.
*/
#define SimpleLexTarget(program,base) @!\
++SOURCES base.l @!\
++OBJECTS base.o @!\
|once _LexRule_     @!\
|rule:.l.c:      @!\
|rule: $(LEX) $(JLFLAGS) $<  @!\
```

```
|rule: $(MV) lex.yy.c $@  @!\
|rule:       @!\
-once       @!\
AddSuffix(.l)   @!\
program:
 base.c   @!\
      @!\
local_realclean::  @@\
 $(RM) base.c  @!\


/*
* IdentifiedLexTarget:
* This declares a lex base.l file which is to be ran through
* lex to produce a base.c file. The prefix is used to replace
* the 'yy', so that the lexical analyzer may be identified.
*/
#define IdentifiedLexTarget(program,base,prefix) @!\
++SOURCES base.l @!\
++OBJECTS base.o @!\
program: base.c   @!\
      @!\
base.c: base.l     @@\
 $(LEX) $(JLFLAGS) base.l @@\
 $(SED) -e 's/yy\(.\)/prefix\1/g' < lex.yy.c > base.c @@\
 $(RM) lex.yy.c    @!\
      @!\
local_realclean::  @@\
 $(RM) base.c  @!\


/*
* NormalLexDependTarget:
* Declare that program will need an include file produced by
* the output of lex on base.l, which typically produces a file
* named lex.yy.c which will be renamed as base.c. Besides, the
* lexical analyzer needs the file parser.h produced by running
* parser.y through yacc and renaming y.tab.h as parser.h.
*/
#define NormalLexDependTarget(program,base,parser)
 @!\
base.o: parser.h @!\
     @!\
SimpleLexTarget(program,base)


/*
* IdentifiedLexDependTarget:
```

```
* Declare that program will need an include file produced by
* the output of lex on base.l, which typically produces a file
* named lex.yy.c which will be renamed as base.c. Besides, the
* lexical analyzer needs the file parser.h produced by running
* parser.y through yacc and renaming y.tab.h as parser.h.
* The lexical analyzer is identified with the supplied prefix,
* which replaces the regular 'yy' prefix in the symbol names.
*/
#define IdentifiedLexDependTarget(program,base,parser,prefix) @!\
base.o: parser.h @!\
    @!\
IdentifiedLexTarget(program,base,prefix)


/*
* NormalParserTarget:
* Specify that program is using the lex/yacc combination to
* produce a parser. The lexic and parser parameters are the
* base name of the .l and .y file, respectively.
*/
#define NormalParserTarget(program,lexic,parser) @!\
NormalLexDependTarget(program,lexic,parser)
 @!\
NormalYaccTarget(program,parser)


/*
* IdentifiedParserTarget:
* Specify that program is using the lex/yacc combination to
* produce a parser. The lexic and parser parameters are the
* base name of the .l and .y file, respectively. The parser
* produced is identified via its prefix, which replaces all
* the normally supplied 'yy' prefix, hence making it possible
* to have multiple parsers in a single executable.
*/
#define IdentifiedParserTarget(program,lexic,parser,prefix) @!\
IdentifiedLexDependTarget(program,lexic,parser,prefix) @!\
IdentifiedYaccTarget(program,parser,prefix)
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/files/Jmake.rules
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Prefixup.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Prefixup.U,v $
?RCS: Revision 3.0.1.1  1995/01/30  14:30:40  ram
?RCS: patch49: created
?RCS:
?X:
?X: Used as: "set dflt; eval $prefixup" to set $dflt to be $prefix/dir
?X: instead of $prefixexp/dir, in case portability was involved somehow
?X: and $prefix uses ~name expansion.
?X:
?MAKE:Prefixup: prefix prefixexp
?MAKE: -pick add $@ %<
?LINT:define prefixup
?S:prefixup:
?S: This shell variable is used internally by Configure to reset
?S: the leading
 installation prefix correctly when $prefix uses
?S: ~name expansion.
?S:  set dflt
?S:  eval $prefixup
?S: That will set $dflt to $prefix/dir if it was $prefixexp/dir and
?S: $prefix differs from $prefixexp.
?S:.
?V:prefixup
: set the prefixup variable, to restore leading tilda escape
prefixup='case "$prefixexp" in
"$prefix") ;;
*) eval "$1=\`echo \$$1 | sed \"s,^$prefixexp,$prefix,\"\`";;
esac'
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Prefixup.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_string.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_string.U,v $
?RCS: Revision 3.0.1.2  1993/10/16  13:50:12  ram
?RCS: patch12: special units Loc and Guess were missing from dependencies
?RCS:
?RCS: Revision 3.0.1.1  1993/09/13  16:07:26  ram
?RCS: patch10: removed "(Actually, this looks more like...)" messages (WAD)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:08:28  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: See if we should include <string.h> or <strings.h>
?X:
?MAKE:i_string strings:
 test Setvar Findhdr Warn
?MAKE: -pick add $@ %<
?S:i_string:
?S: This variable conditionally defines the I_STRING symbol, which
?S: indicates that <string.h> should be included rather than <strings.h>.
?S:.
?S:strings:
?S: This variable holds the full path of the string header that will be
?S: used. Typically /usr/include/string.h or /usr/include/strings.h.
?S:.
?C:I_STRING:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <string.h> (USG systems) instead of <strings.h> (BSD systems).
?C:.
?H:#$i_string I_STRING  /**/
?H:.
?LINT:set i_string
: see which of string.h or strings.h is needed
echo " "
strings=`./findhdr string.h`
if $test "$strings" && $test -r "$strings"; then
 echo "Using <string.h> instead of <strings.h>." >&4
 val="$define"
else
 val="$undef"
 strings=`./findhdr strings.h`
 if $test "$strings" && $test -r "$strings"; then
  echo "Using <strings.h> instead of <string.h>." >&4
 else
  ./warn "No string header found -- You'll surely
 have problems."
 fi
```

```
fi
set i_string
eval $setvar
case "$i_string" in
"$undef") strings=`./findhdr strings.h`;;
*)   strings=`./findhdr string.h`;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_string.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Finish.U,v $
?RCS: Revision 3.0.1.6  1995/02/15  14:09:30  ram
?RCS: patch51: now clearer about how to edit config.sh at the prompt (WED)
?RCS:
?RCS: Revision 3.0.1.5  1994/10/29  15:53:14  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0.1.4  1994/05/06  14:19:37  ram
?RCS: patch23: added blank lines around 'End of Configure'
?RCS:
?RCS: Revision 3.0.1.3  1993/10/16  13:46:09  ram
?RCS: patch12: replaced Config_h by Magic_h in the dependency line
?RCS:
?RCS:
 Revision 3.0.1.2  1993/09/13  15:45:26  ram
?RCS: patch10: fixed shell evaluation w/o shell escape while in silent mode
?RCS:
?RCS: Revision 3.0.1.1  1993/08/30  08:55:59  ram
?RCS: patch8: prevents myread from blocking on empty answers, exceptionally
?RCS:
?RCS: Revision 3.0  1993/08/18  12:04:55  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit is the very last one in the Configure script.  It runs all the
```

```
?X: SH files, which among other things produce config.h and (usually) Makefile.
?X: It offers to do a make depend if the Makefile contains that target.
?X:
?MAKE:Finish: Chk_MANI Extract Myread Oldsym Magic_h cat rm contains \
 test package make
?MAKE: -pick add $@ %<
?F:!config.sh
?T:pwd
: Finish up by extracting the .SH files
case "$alldone" in
exit)
?X: They supplied the -E switch
 echo "Stopping at your request, leaving temporary files around."
 exit 0
 ;;
cont)
 ;;
")
 dflt="
 nostick=true
 $cat <<EOM

If you'd like to make any changes to the config.sh
 file before I begin
to configure things, do it as a shell escape now (e.g. !vi config.sh).

EOM
 rp="Press return or use a shell escape to edit config.sh:"
 . UU/myread
 nostick="
 case "$ans" in
 ") ;;
 *) : in case they cannot read
  sh 1>&4 -c "$ans";;
 esac
 ;;
esac

: if this fails, just run all the .SH files by hand
. ./config.sh

?X:
?X: Turn silent mode off from now on (we want a verbose file extraction).
?X: This means we have to explicitly test for '$silent' from now on to
?X: strip off any verbose messages.
?X:
echo " "
exec 1>&4
```

```
pwd=`pwd`
. ./UU/extract
cd "$pwd"

if $contains '^depend:' [Mm]akefile >/dev/null 2>&1; then
 dflt=y
 case "$silent" in
 true) ;;
 *)
  $cat <<EOM

Now you need to generate make dependencies by running "$make depend".
You might prefer to run it in background: "$make depend > makedepend.out &"
It can take a while, so you might not want to run it right now.

EOM
  ;;
 esac
 rp="Run $make depend now?"
 . UU/myread
 case "$ans" in
 y*)
  $make depend
 && echo "Now you must run '$make'."
  ;;
 *)
  echo "You must run '$make depend' then '$make'."
  ;;
 esac
elif test -f [Mm]akefile; then
 echo " "
 echo "Now you must run a $make."
else
 echo "Configure done."
fi

if $test -f Policy.sh; then
   $cat <<EOM

If you compile $package on a different machine or from a different object
directory, copy the Policy.sh file from this object directory to the
new one before you run Configure -- this will help you with most of
the policy defaults.

EOM
fi
if $test -f UU/config.msg; then
   echo "Hmm.  I also noted the following information while running:"
```

```
  echo " "
  $cat UU/config.msg >&4
fi
?X:
?X: kit*isdone files are left over by shell archives built using the makedist
?X: script which comes from dist, while ark*isdone files are left over by
?X: the cshar archive maker.
?X:
$rm -f kit*isdone ark*isdone
$rm -rf UU

: End of Configure
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Finish.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_fchmod.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_fchmod.U,v $
?RCS: Revision 3.0  1993/08/18  12:05:59  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_fchmod: Inlibc
?MAKE: -pick add $@ %<
?S:d_fchmod:
?S: This variable conditionally defines the HAS_FCHMOD symbol, which
?S: indicates to the C program that the fchmod() routine is available
?S: to change mode of opened files.
?S:.
?C:HAS_FCHMOD (FCHMOD):
?C: This symbol, if defined, indicates that the fchmod routine is available
?C: to
 change mode of opened files.  If unavailable, use chmod().
?C:.
?H:#$d_fchmod HAS_FCHMOD  /**/
?H:.
?LINT:set d_fchmod
: see if fchmod exists
```

```
set fchmod d_fchmod
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_fchmod.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_shm.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:17  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_shm: test d_shmctl d_shmget d_shmat d_shmdt Setvar Findhdr
?MAKE: -pick add $@ %<
?S:d_shm:
?S: This variable conditionally defines the HAS_SHM symbol, which
?S: indicates that the entire shm*(2) library is present.
?S:.
?C:HAS_SHM:
?C: This symbol, if defined, indicates that the entire shm*(2) library is
?C: supported.
?C:.
?H:#$d_shm HAS_SHM  /**/
?H:.
?T:h_shm
?LINT:set d_shm
:
 see how much of the 'shm*(2)' library is present.
h_shm=true
echo " "
case "$d_shmctl$d_shmget$d_shmat$d_shmdt" in
*"$undef"*) h_shm=false;;
esac
: we could also check for sys/ipc.h ...
if $h_shm && $test `./findhdr sys/shm.h`; then
 echo "You have the full shm*(2) library." >&4
 val="$define"
else
```

```
 echo "You don't have the full shm*(2) library." >&4
 val="$undef"
fi
set d_shm
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_shm.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_llrintl: Inlibc
?MAKE: -pick add $@ %<
?S:d_llrintl:
?S: This variable conditionally defines the HAS_LLRINTL symbol, which
?S: indicates to the C program that the llrintl() routine is available
?S: to return the long long value closest to a long double (according
?S: to the current rounding mode).
?S:.
?C:HAS_LLRINTL:
?C: This symbol, if defined, indicates that the llrintl routine is
?C: available to return the long long value closest to a long double
?C: (according to the current rounding mode).
?C:.
?H:#$d_llrintl HAS_LLRINTL  /**/
?H:.
?LINT:set d_llrintl
: see if llrintl exists
set llrintl d_llrintl
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_llrintl.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_fp_classl: Inlibc
?MAKE: -pick add $@ %<
```

```
?S:d_fp_classl:
?S: This variable conditionally defines the HAS_FP_CLASSL symbol, which
?S: indicates to the C program that the fp_classl() routine is available.
?S:.
?C:HAS_FP_CLASSL:
?C: This symbol, if defined, indicates that the fp_classl routine is
?C: available to classify long doubles.  Available for example in
?C: Digital UNIX.  See for possible values HAS_FP_CLASS.
?C:.
?H:#$d_fp_classl HAS_FP_CLASSL  /**/
?H:.
?LINT:set d_fp_classl
: see if fp_classl exists
set fp_classl d_fp_classl
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fp_classl.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Filexp.U,v $
?RCS: Revision 3.0.1.2  1994/10/29  15:52:53  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS: patch36: added HOME to the ?T: line since metalint now checks ${HOME}
?RCS:
?RCS: Revision 3.0.1.1  1994/05/06  14:03:00  ram
?RCS: patch23: made sure error status from csh is propagated (WED)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:04:53  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit produces a shell script which will expand filenames beginning
?X:
 with tildes.  The script is deleted at the end of Configure.
?X:
?MAKE:Filexp: startsh sed test expr eunicefix
```

```
?MAKE: -pick add $@ %<
?F:./filexp
?T:HOME LOGDIR dir me name failed
: set up shell script to do ~ expansion
cat >filexp <<EOSS
$startsh
: expand filename
?X:
?X: The case entries below escape the ~ as some shells have shown expansion
?X: of the ~ during here-doc processing.
?X:
case "\$1" in
\~/*|\~)
 echo \$1 | $sed "s|~|\${HOME-\$LOGDIR}|"
 ;;
\~*)
 if $test -f /bin/csh; then
  /bin/csh -f -c "glob \$1"
  failed=\$?
  echo ""
  exit \$failed
 else
  name=\`$expr x\$1 : '..\([^/]*\)'\`
  dir=\`$sed -n -e "/^\${name}:/{s/^[^:]*:[^:]*:[^:]*:[^:]*:[^:]*:\([^:]*\).*'"\$'"/\1/" -e p -e q -e '}' </etc/passwd\`
  if $test ! -d "\$dir"; then
   me=\`basename \$0\`
   echo "\$me: can't locate home directory for: \$name" >&2
   exit 1
  fi
  case "\$1" in
  */*)
   echo \$dir/\`$expr x\$1 : '..[^/]*/\(.*\)'\`
   ;;
  *)
   echo \$dir
   ;;
  esac
 fi
 ;;
*)
 echo \$1
 ;;
esac
EOSS
chmod
 +x filexp
$eunicefix filexp
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Filexp.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000, Andy Dougherty
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:versionony: cat Myread Setvar Devel
?MAKE: -pick add $@ %<
?LINT:set versionony
?Y:TOP
?S:versionony:
?S: If set, this symbol indicates that only the version-specific
?S: components of a perl installation should be installed.
?S: This may be useful for making a test installation of a new
?S: version without disturbing the existing installation.
?S: Setting versionony is equivalent to setting installperl's -v option.
?S: In particular, the non-versioned scripts and programs such as
?S: a2p, c2ph, h2xs, pod2*, and perldoc
 are not installed
?S: (see INSTALL for a more complete list).  Nor are the man
?S: pages installed.
?S: Usually, this is undef.
?S:.
?LINT:extern inc_version_list
?LINT:change inc_version_list
?LINT:extern inc_version_list_init
?LINT:change inc_version_list_init
?LINT:extern version
: determine whether to use a version number suffix for installed binaries
echo " "
$cat <<EOM
Do you want to use a version number suffix for installed binaries? This
will install 'perl$version' instead of 'perl', and likewise for other
binaries like 'perldoc' and 'cpan'. This allows many versions of perl
to be installed side-by-side. Unless you are a developer, you probably
do *not* want to do this.
EOM
case "$versionony" in
"$define"|[Yy]*|true) dflt='y' ;;
```

```
*) dflt='n';
esac
rp="Do you want to use a version number suffix for installed binaries?"
. ./myread
case "$ans" in
[yY]*) val="$define";;
*) val="$undef" ;;
esac
set versiononly
eval $setvar

case "$versiononly" in
"$define") inc_version_list="
          inc_version_list_init=0
         ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/versiononly.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: registers.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: registers.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  16:19:41  ram
?RCS: patch61: removed empty ?LINT lines
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  16:28:33  ram
?RCS: patch36: call ./Cppsym explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:41  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:registers reg1 reg2 reg3 reg4 reg5 reg6 reg7 reg8 reg9 reg10 reg11 \
 reg12 reg13 reg14 reg15 reg16: awk rm Cppsym
 Myread Oldconfig
?MAKE: -pick add $@ %<
?S:registers:
?S: This variable contains the number of register declarations paid
```

```
?S: attention to by the C compiler.
?S:.
?S:reg1:
?S: This variable, along with reg2, reg3, etc. contains the eventual
?S: value for the symbols register1, register2, register3, etc.  It has
?S: either the value "register" or is null.
?S:.
?C:register1:
?C: This symbol, along with register2, register3, etc. is either the word
?C: "register" or null, depending on whether the C compiler pays attention
?C: to this many register declarations.  The intent is that you don't have
?C: to order your register declarations in the order of importance, so you
?C: can freely declare register variables in sub-blocks of code and as
?C: function parameters.  Do not use register<n> more than once per routine.
?C:.
?LINT:describe reg2 reg3 reg4 reg5 reg6 reg7 reg8 reg9 reg10 reg11
?LINT:describe reg12 reg13 reg14 reg15 reg16
?LINT:known register2 register3 register4 register5 register6
 register7
?LINT:known register8 register9 register10 register11 register12 register13
?LINT:known register14 register15 register16
?H:#define register1 $reg1  /**/
?H:#define register2 $reg2  /**/
?H:#define register3 $reg3  /**/
?H:#define register4 $reg4  /**/
?H:#define register5 $reg5  /**/
?H:#define register6 $reg6  /**/
?H:#define register7 $reg7  /**/
?H:#define register8 $reg8  /**/
?H:#define register9 $reg9  /**/
?H:#define register10 $reg10 /**/
?H:#define register11 $reg11 /**/
?H:#define register12 $reg12 /**/
?H:#define register13 $reg13 /**/
?H:#define register14 $reg14 /**/
?H:#define register15 $reg15 /**/
?H:#define register16 $reg16 /**/
?H:.
?F:!.foo
: see how many register declarations we want to use
case "$registers" in
")
 if ./Cppsym vax; then
  dflt=6
 elif ./Cppsym sun mc68000 mips; then
  dflt=10
 elif ./Cppsym pyr; then
  dflt=14
```

```
 elif ./Cppsym ns32000 ns16000; then
  dflt=5
 elif ./Cppsym $smallmach; then
  dflt=3
 else
  : if you have any other numbers
 for me, please send them in
  dflt=6
 fi;;
*) dflt=$registers ;;
esac
?LINT:set reg2 reg3 reg4 reg5 reg6 reg7 reg8 reg9 reg10 reg11
?LINT:set reg12 reg13 reg14 reg15 reg16
cat <<EOM

Different C compilers on different machines pay attention to different numbers
of register declarations.  About how many register declarations in each routine
does your C compiler pay attention to?  (OK to guess)

EOM
rp="Maximum register declarations?"
. ./myread
registers=$ans
reg1="
$awk "BEGIN { for (i=1; i<=16; i++) printf \"reg%d="\n\", i}" \
 </dev/null >.foo
. ./.foo
$awk "BEGIN { for (i=1; i<=$registers; i++) printf \"reg%d=register\n\", i}" \
 </dev/null >.foo
. ./.foo
$rm -f .foo
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/registers.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_portable.U,v 3.0.1.2 1995/01/11 15:28:52 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: This file is included with or a derivative work of a file included
?RCS: with the metaconfig program of Raphael Manfredi's "dist" distribution.
?RCS: In accordance with clause 7 of dist's modified Artistic License:
?RCS:
?RCS:     You may distribute under the terms of either the GNU General Public
?RCS:     License or the Artistic License, as specified in the README file.
?RCS:
```

```
?RCS: $Log: d_portable.U,v $
?RCS: Revision 3.0.1.2  1995/01/11  15:28:52  ram
?RCS: patch45: executable path stripping moved to the end in Config_sh.U
?RCS:
?RCS: Revision 3.0.1.1  1993/12/15  08:21:17  ram
?RCS: patch15: did not strip variables properly when needed
?RCS: patch15: now also strips down variables from trylist
?RCS:
?RCS: Revision 3.0  1993/08/18  12:06:48  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
   This is the same as the dist version, except I don't bother
?X:   prompting people since it makes no difference for perl5,
?X:   and only confuses people.
?X:
?X: The Loc unit is wanted to get the definition of all the locating variables.
?X:
?MAKE:d_portable: Loc Oldconfig
?MAKE: -pick add $@ %<
?S:d_portable:
?S: This variable conditionally defines the PORTABLE symbol, which
?S: indicates to the C program that it should not assume that it is
?S: running on the machine it was compiled on.
?S:.
?C:PORTABLE:
?C: This symbol, if defined, indicates to the C program that it should
?C: not assume that it is running on the machine it was compiled on.
?C: The program should be prepared to look up the host name, translate
?C: generic filenames, use PATH, etc.
?C:.
?H:#$d_portable PORTABLE /**/
?H:.
?D:d_portable="
: decide how portable to be.  Allow command line overrides.
case "$d_portable" in
"$undef") ;;
*) d_portable="$define" ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_portable.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
```

```
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_cmsghdr_s: Hasstruct i_systypes d_socket i_sysuio Setvar
?MAKE: -pick add $@ %<
?S:d_cmsghdr_s:
?S: This variable conditionally defines the HAS_STRUCT_CMSGHDR symbol,
?S: which indicates that the struct cmsghdr is supported.
?S:.
?C:HAS_STRUCT_CMSGHDR:
?C: This symbol, if defined, indicates that the struct cmsghdr
?C: is supported.
?C:.
?H:#$d_cmsghdr_s HAS_STRUCT_CMSGHDR /**/
?H:.
?LINT:set d_cmsghdr_s
: Check for cmsghdr support
echo " "
echo "Checking to see if your system supports struct cmsghdr..." >&4
set d_cmsghdr_s cmsghdr $i_systypes sys/types.h $d_socket sys/socket.h $i_sysuio sys/uio.h
eval $hasstruct
case "$d_cmsghdr_s" in
"$define")      echo "Yes, it does."   ;;
*)              echo
 "No, it doesn't." ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_cmsghdr_s.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_fork.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_fork.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:07:38  ram
?RCS: patch32: created by ADO
```

```
?RCS:
?MAKE:d_fork: Inlibc
?MAKE: -pick add $@ %<
?S:d_fork:
?S: This variable conditionally defines the HAS_FORK symbol, which
?S: indicates to the C program that the fork() routine is available.
?S:.
?C:HAS_FORK :
?C: This symbol, if defined, indicates that the fork routine is
?C: available.
?C:.
?H:#$d_fork
 HAS_FORK  /**/
?H:.
?LINT:set d_fork
: see if fork exists
set fork d_fork
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_fork.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_inetaton.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1996, Spider Boardman
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_inetaton.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  15:36:35  ram
?RCS: patch61: created
?RCS:
?MAKE:d_inetaton: Inlibc
?MAKE: -pick add $@ %<
?S:d_inetaton:
?S: This variable conditionally defines the HAS_INET_ATON symbol, which
?S: indicates to the C program that the inet_aton() function is available
?S: to parse IP address "dotted-quad" strings.
?S:.
?C:HAS_INET_ATON:
?C: This symbol, if defined, indicates
```

```
 to the C program that the
?C: inet_aton() function is available to parse IP address "dotted-quad"
?C: strings.
?C:.
?H:#$d_inetaton HAS_INET_ATON  /**/
?H:.
?LINT:set d_inetaton
: check whether inet_aton exists
set inet_aton d_inetaton
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_inetaton.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: rcs_branch.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: rcs_branch.U,v $
?RCS: Revision 3.0  1993/08/18  12:09:40  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:rcs_branch: Myread contains Loc
?MAKE: -pick add $@ %<
?S:rcs_branch:
?S: This variable will hold "true" if rcs can take the -b<revision>
?S: option, which can make Life Easier on those folks who like to run
?S: rcsdiff manually.
?S:.
?T:xxx
: Tra la la la la
echo " "
echo "Checking to see if RCS understands the -b switch..." >&4
xxx=`./loc
 rcs " $pth`
case "$xxx" in
")
 rcs_branch=false
 echo "Oh.  You don't seem to have RCS here."
 ;;
```

```
*)
 rcs > rcsbranch.out 2>&1
 if $contains 'b\[rev\]' rcsbranch.out  >/dev/null 2>&1 ; then
  rcs_branch=true
  echo "Nice!  Your RCS is spiffy!"
 else
  rcs_branch=false
 echo "Well, at least you have RCS.  You know, a newer version is available."
 fi
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/rcs_branch.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_chsize.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_chsize.U,v $
?RCS: Revision 3.0  1993/08/18  12:05:50  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_chsize: Inlibc
?MAKE: -pick add $@ %<
?S:d_chsize:
?S: This variable conditionally defines the CHSIZE symbol, which
?S: indicates to the C program that the chsize() routine is available
?S: to truncate files.  You might need a -lx to get this routine.
?S:.
?C:HAS_CHSIZE (CHSIZE):
?C: This symbol, if defined, indicates that the chsize
 routine is available
?C: to truncate files.  You might need a -lx to get this routine.
?C:.
?H:#$d_chsize HAS_CHSIZE  /**/
?H:.
?LINT:set d_chsize
: see if chsize exists
set chsize d_chsize
```

```
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_chsize.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Csym.U,v 3.0.1.4 1995/07/25 13:36:29 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: Csym.U,v $
?RCS: Revision 3.0.1.4  1995/07/25  13:36:29  ram
?RCS: patch56: re-arranged compile line to include ldflags before objects
?RCS: patch56: added quotes for OS/2 support
?RCS:
?RCS: Revision 3.0.1.3  1995/05/12  12:00:33  ram
?RCS: patch54: fixed C test program to bypass gcc builtin type checks (ADO)
?RCS:
?RCS: Revision 3.0.1.2  1994/10/31  09:34:13  ram
?RCS: patch44: added Options to the MAKE line since it's no longer in Init.U
?RCS:
?RCS: Revision
 3.0.1.1  1993/08/25  14:00:05  ram
?RCS: patch6: added ldflags as a conditional dependency and to compile line
?RCS: patch6: a final double quote was missing in csym variable after eval
?RCS:
?RCS: Revision 3.0  1993/08/18  12:04:50  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:Csym mistrustnm extern_C: Options contains libc libs runnm test \
 +cc +optimize +ccflags +ldflags run rm_try _exe d_cplusplus
?MAKE: -pick add $@ %<
?LINT:define csym
?LINT:use libc
?LINT:extern mistrustnm
?LINT:set mistrustnm
?S:csym:
?S: This shell variable is used internally by Configure to check
?S: whether a given C symbol is defined or not. A typical use is:
?S:  set symbol result [-fva] [previous]
?S:  eval $csym
```

```
?S: That will set result to 'true' if the function [-f], variable [-v]
?S: or array [-a] is defined, 'false' otherwise. If a previous value is
?S: given and the -r flag was provided on the command line, that value
?S: is reused without questioning.
?S:.
?S:extern_C:
?S: ANSI C
 requires 'extern' where C++ requires 'extern "C"'. This
?S: variable can be used in Configure to do the right thing.
?S:.
?S:mistrustnm:
?S: This variable can be used to establish a fallthrough for the cases
?S: where nm fails to find a symbol.  If usenm is false or usenm is true
?S: and mistrustnm is false, this variable has no effect.  If usenm is true
?S: and mistrustnm is "compile", a test program will be compiled to try to
?S: find any symbol that can't be located via nm lookup.  If mistrustnm is
?S: "run", the test program will be run as well as being compiled.
?S:.
?V:csym
?T:tval tx tlook tf tdc
?F:!try
: is a C symbol defined?
csym='tlook=$1;
case "$3" in
-v) tf=libc.tmp; tdc="";;
-a) tf=libc.tmp; tdc="[]";;
*) tlook="^$1\$"; tf=libc.list; tdc="()";;
esac;
case "$d_cplusplus" in
   $define) extern_C="extern \"C\"" ;;
   *)  extern_C="extern" ;;
esac;
tx=yes;
case "$reuseval-$4" in
true-) ;;
true-*) tx=no; eval "tval=\$$4"; case "$tval" in "") tx=yes;; esac;;
esac;
case "$tx"
 in
yes)
?X:
?X: Put symbol inside a printf to fool optimizing compilers...
?X:
?X: We use 'short' instead of 'int' to try to circumvent overzealous
?X: optimizing compilers using built-in prototypes for commonly used
?X: routines to complain when seeing a different external declaration. For
?X: instance, gcc 2.6.3 fails if we use 'int' and we attempt a test against
?X: memcpy() on machines where sizeof(int) == sizeof(char *) (the usual return
```

```
?X: type), the compiler assuming it's a built-in declaration given that the
?X: returned size matches. At least with 'short' we are safe! -- RAM, for ADO
?X:
?X: Let's thank GNU cc for making our lives so easy! :-)
?X: (An alternative for the future would be to use our knowledge about gcc
?X: to force a -fno-builtin option in the compile test, in case the 'short'
?X: trick is obsoleted by future gcc releases). -- RAM
?X:
 tval=false;
 if $test "$runnm" = true; then
  if $contains $tlook $tf >/dev/null 2>&1; then
   tval=true;
  elif $test "$mistrustnm"
 = compile -o "$mistrustnm" = run; then
   echo "$extern_C void *$1$tdc; void *(*(p()))$tdc { return &$1; } int main(int argc, char **argv) { if(p() && p() !=
(void *)argv[0]) return(0); else return(1); }"> try.c;
   $cc -o try $optimize $ccflags $ldflags try.c >/dev/null 2>&1 $libs && tval=true;
   $test "$mistrustnm" = run -a -x try && { $run ./try$_exe >/dev/null 2>&1 || tval=false; };
   $rm_try;
  fi;
 else
  echo "$extern_C void *$1$tdc; void *(*(p()))$tdc { return &$1; } int main(int argc, char **argv) { if(p() && p() !=
(void *)argv[0]) return(0); else return(1); }"> try.c;
  $cc -o try $optimize $ccflags $ldflags try.c $libs >/dev/null 2>&1 && tval=true;
  $rm_try;
 fi;
 ;;
*)
 case "$tval" in
 $define) tval=true;;
 *) tval=false;;
 esac;
 ;;
esac;
eval "$2=$tval"'
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/Csym.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_ftime.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_ftime.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:06  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_ftime d_gettimeod: Inlibc Setvar
?MAKE: -pick add $@ %<
?S:d_ftime:
?S: This variable conditionally defines the HAS_FTIME symbol, which indicates
?S: that the ftime() routine exists.  The ftime() routine is basically
?S: a sub-second accuracy clock.
?S:.
?S:d_gettimeod:
?S: This variable conditionally defines the HAS_GETTIMEOFDAY symbol,
 which
?S: indicates that the gettimeofday() system call exists (to obtain a
?S: sub-second accuracy clock). You should probably include <sys/resource.h>.
?S:.
?C:HAS_FTIME (FTIMER):
?C: This symbol, if defined, indicates that the ftime() routine exists.
?C: It is basically a sub-second accuracy clock, but is less accurate
?C: than gettimeofday(2) anyway. The type "Timeval" should be used to
?C: refer to "struct timeb".
?C:.
?C:HAS_GETTIMEOFDAY (GETTIMEOFDAY):
?C: This symbol, if defined, indicates that the gettimeofday() system
?C: call is available for a sub-second accuracy clock. Usually, the file
?C: <sys/resource.h> needs to be included (see I_SYS_RESOURCE).
?C: The type "Timeval" should be used to refer to "struct timeval".
?C:.
?H:#$d_ftime HAS_FTIME  /**/
?H:#$d_gettimeod HAS_GETTIMEOFDAY /**/
?H:?%<:@if HAS_FTIME
?H:?%<:#ifdef HAS_FTIME
?H:?%<:#define Timeval struct timeb  /* Structure used by ftime() */
?H:?%<:#endif
?H:?%<:@end
?H:?%<:@if HAS_GETTIMEOFDAY
?H:?%<:#ifdef HAS_GETTIMEOFDAY
?H:?%<:#define
 Timeval struct timeval /* Structure used by gettimeofday() */
?H:?%<:#endif
?H:?%<:@end
?H:.
?X:FIXME
?X:?I:?d_ftime:i_systimeb
```

```
?X:?I:?d_gettimeod:i_sysresrc
?LINT:set d_gettimeod d_ftime
?LINT:known Timeval
: see if gettimeofday or ftime exists
?X:
?X: Give priority to gettimeofday(2) because timing is more accurate
?X:
set gettimeofday d_gettimeod
eval $inlibc
case "$d_gettimeod" in
"$undef")
 set ftime d_ftime
 eval $inlibc
 ;;
*)
 val="$undef"; set d_ftime; eval $setvar
 ;;
esac
case "$d_gettimeod$d_ftime" in
"$undef$undef")
 echo " "
 echo 'No ftime() nor gettimeofday() -- timing may be less accurate.' >&4
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_ftime.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Protochk.U,v $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?X: This unit generates a ./protochk script that is used internally
?X: by Configure to check if this system will accept a particular
?X: prototype.
?X:
?X: To use it, say something like:
?X: hdrs="$define sys/types.h
?X:  $i_systime sys/time.h
?X:  $i_sysselct sys/select.h
?X:  $d_socket sys/socket.h"
?X: $xxx='fd_set *'
?X: try='extern int select _((int, $xxx, $xxx, $xxx, struct timeval *'));'
```

```
?X: if ./protochk "$try" $hdrs; then
?X:  echo "Your system accepts $xxx for the arguments to select."
?X: fi
?X:  (Of course select is harder, since the first arg can be int,
?X: size_t, or unsigned long, and the last arg may or may not have a
?X: 'const' before the 'struct timeval' :-(.  Also SunOS
 4.1.3 doesn't
?X: provide a select prototype so the compiler accepts anything :-).
?X:
?X: The C compiler on QNX warns about invalid pointer types, but
?X: still exits with a 0 exit status, so it's not much help here.
?X: (It does correctly detect incorrect non-pointer arguments).
?X: Still, since QNX is a POSIX-ish system, just make your first
?X: a POSIX-ish one, and QNX will probably accept it.
?X:
?X: For determining argument types, your compiler must support
?X: prototypes, and the header files must use them.  Determining
?X: return types, however, is easier.  Just give an ridiculous
?X: return type, something like
?X: ./protochk 'extern int atof _((void));' $i_stdlib stdlib.h
?X: that should surely fail if atof() is defined in <stdlib.h>
?X:
?X: There is also an 'escape' hatch built in.  If you have a pair
?X: of args   'literal 'stuff' then 'stuff' gets included literally
?X: into the test program.  This could be useful for doing something
?X: like
?X: hdrs="$define stdio.h
?X:  $define
 sys/types.h"
?X: ./protochk 'extern int fsetpos(FILE *, Fpos_t);' $args \
?X:   'literal' '#define Fpos_t long long'
?X: but you have to be really careful about the spaces in "literal".
?X:
?X:  Andy Dougherty   Feb. 1998
?MAKE:Protochk: cat rm_try startsh eunicefix +cc +optimize +ccflags \
 i_pthread usethreads
?MAKE: -pick add $@ %<
?F:./protochk
?X: Comfort metalint.  All these are actually used in the protochk script.
?T:foo status pthread_h_done
?LINT: change cc optimize ccflags define rm_try
?LINT: extern pthread_h_first
?LINT: change pthread_h_first
?LINT: change usethreads
?LINT: change i_pthread
: define a function to check prototypes
$cat > protochk <<EOSH
$startsh
```

```
cc="$cc"
optimize="$optimize"
ccflags="$ccflags"
define="$define"
rm_try="$rm_try"
usethreads=$usethreads
i_pthread=$i_pthread
pthread_h_first=$pthread_h_first
EOSH

$cat >> protochk <<'EOSH'

$rm_try
foo="$1"
shift
while test $# -ge 2; do
 case "$1" in
  $define) echo "#include <$2>" >> try.c ;;
  literal)
 echo "$2" >> try.c ;;
 esac
   # Extra magic for the benefit of systems that need pthread.h
   # to be included early to correctly detect threadsafe functions.
   # Such functions must guarantee themselves, though, that the usethreads
   # and i_pthread have been defined, before calling protochk.
   if test "$usethreads" = "$define" -a "$i_pthread" = "$define" -a "$pthread_h_first" = "$define" -a
"$pthread_h_done" = ""; then
 echo "#include <pthread.h>" >> try.c
 pthread_h_done=yes
   fi
   shift 2
done
cat >> try.c <<'EOCP'
#define _(args) args
EOCP
echo "$foo" >> try.c
?X: Just so we have something to compile.
echo 'int no_real_function_has_this_name _((void)) { return 0; }' >> try.c
$cc $optimize $ccflags -c try.c > /dev/null 2>&1
status=$?
$rm_try
exit $status
EOSH
chmod +x protochk
$eunicefix protochk
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/protos/Protochk.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_sqrtl: Inlibc
?MAKE: -pick add $@ %<
?S:d_sqrtl:
?S: This variable conditionally defines the HAS_SQRTL symbol, which
?S: indicates to the C program that the sqrtl() routine is available.
?S:.
?C:HAS_SQRTL:
?C: This symbol, if defined, indicates that the sqrtl routine is
?C: available to do long double square roots.
?C:.
?H:#$d_sqrtl HAS_SQRTL  /**/
?H:.
?LINT:set d_sqrtl
: see if sqrtl exists
set sqrtl d_sqrtl
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_sqrtl.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_havetlib.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_havetlib.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  15:36:31  ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS: patch61: likewise for .o replaced by $_o
?RCS:
?RCS: Revision 3.0.1.1  1994/05/06  14:44:06  ram
```

```
?RCS: patch23: added AIX support to accept shared lib stub as termlib (WED)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:06:19  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_havetlib termlib: cat contains Myread Loc
 Filexp Oldconfig libpth \
 test uname _a _o
?MAKE: -pick add $@ %<
?S:d_havetlib:
?S: This variable conditionally defines the HAS_TERMLIB symbol, which
?S: indicates to the C program that termlib-style routines are available.
?S:.
?S:termlib:
?S: This variable contains the argument to pass to the loader to get
?S: termlib-style routines.  It is up to the Makefile.SH to make sure
?S: the value gets to the right command.  Note that on many systems the
?S: termlib routines are emulated by the curses or terminfo library.
?S:.
?C:HAS_TERMLIB (HAVETERMLIB):
?C: This symbol, when defined, indicates that termlib-style routines
?C: are available.  There is nothing to include.
?C:.
?H:#$d_havetlib HAS_TERMLIB /**/
?H:.
?T:xxx
: where do we get termlib routines from
echo " "
xxx=`./loc libcurses$_a x $libpth`
case "$xxx" in
/*)
 ar t $xxx >grimble
 if $contains tputs$_o grimble >/dev/null 2>&1; then
  termlib='-lcurses'
  d_havetlib="$define"
  echo "Terminfo library found." >&4
 elif $test "x`$uname
 2>/dev/null`" = xAIX; then
  # Ok, do the AIX shr.o fun thing
  /usr/ccs/bin/nm -en $xxx 2>/dev/null >grimble
  if $contains '^tputs .*|extern|' grimble >/dev/null 2>&1; then
   termlib='-lcurses'
   d_havetlib="$define"
   echo "AIX Terminfo library found." >&4
  else
   xxx=x
  fi
 else
```

```
  xxx=x
 fi
 rm -f grimble
 ;;
esac
case "$xxx" in
x)
 xxx=`./loc libtermlib$_a x $libpth`
 case "$xxx" in
 /usr/lib*|/lib*)
  termlib='-ltermlib'
  d_havetlib="$define"
  echo "Termlib library found." >&4
  ;;
 /*)
  termlib="$xxx"
  d_havetlib="$define"
  echo "Termlib library found." >&4
  ;;
 *)
  xxx=`./loc libtermcap$_a x $libpth`
  case "$xxx" in
  /usr/lib*|/lib*)
   termlib='-ltermcap'
   d_havetlib="$define"
   echo "Termcap library found." >&4
   ;;
  /*)
   termlib="$xxx"
   d_havetlib="$define"
   echo "Termcap library found." >&4
   ;;
  *)
   case "$termlib" in
   ")
    dflt=y
rp="Your system appears to NOT have termlib-style routines. Is this true?"
    . ./myread
    case "$ans"
 in
    n*|f*) d_havetlib="$define"
     $cat <<'EOM'
Then where are the termlib-style routines kept? Specify either -llibname
or a full pathname (~name ok).

EOM
     dflt="
     rp='Specify termlib path:'
```

```
    . ./myread
    termlib=`./filexp $ans`
    ;;
   *)
    d_havetlib="$undef"
    termlib=''
    echo "You will have to play around with term.c then." >&4
    ;;
   esac
  echo " ";;
  *)  echo "You said termlib was $termlib before." >&4;;
  esac;;
 esac;;
esac;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_havetlib.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_netdb.U,v $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_netdb: Inhdr
?MAKE: -pick add $@ %<
?S:i_netdb:
?S: This variable conditionally defines the I_NETDB symbol, and indicates
?S: whether a C program should include <netdb.h>.
?S:.
?C:I_NETDB:
?C: This symbol, if defined, indicates that <netdb.h> exists and
?C: should be included.
?C:.
?H:#$i_netdb I_NETDB  /**/
?H:.
?LINT:set i_netdb
: see if this is a netdb.h system
set netdb.h i_netdb
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_netdb.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setvbuf.U,v 3.0.1.1 1994/08/29 16:11:57 ram Exp $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_setvbuf.U,v $
?RCS:
?MAKE:d_setvbuf: Inlibc
?MAKE: -pick add $@ %<
?S:d_setvbuf:
?S: This variable conditionally defines the HAS_SETVBUF symbol, which
?S: indicates to the C program that the setvbuf() routine is available
?S: to change buffering on an open stdio stream.
?S:.
?C:HAS_SETVBUF :
?C: This symbol, if defined, indicates that the setvbuf routine is
?C: available to change buffering on an open stdio stream.
?C: to a line-buffered mode.
?C:.
?H:#$d_setvbuf HAS_SETVBUF  /**/
?H:.
?LINT:set d_setvbuf
: see if setvbuf exists
set setvbuf d_setvbuf
eval $inlibc
```

Found
 in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_setvbuf.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getgrent.U,v $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: d_getgrent.U,v $
?RCS:
?MAKE:d_getgrent: Inlibc
```

```
?MAKE: -pick add $@ %<
?S:d_getgrent:
?S: This variable conditionally defines the HAS_GETGRENT symbol, which
?S: indicates to the C program that the getgrent() routine is available
?S: for sequential access of the group database.
?S:.
?C:HAS_GETGRENT:
?C: This symbol, if defined, indicates that the getgrent routine is
?C: available for sequential access of the group database.
?C:.
?H:#$d_getgrent HAS_GETGRENT  /**/
?H:.
?LINT:set d_getgrent
: see if getgrent exists
set getgrent d_getgrent
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_getgrent.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_syslog.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_syslog.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  15:46:56  ram
?RCS: patch61: replaced .o with $_o all over the place
?RCS:
?RCS: Revision 3.0  1993/08/18  12:07:43  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_syslog: test Csym Setvar Findhdr
?MAKE: -pick add $@ %<
?S:d_syslog:
?S: This variable conditionally defines the HAS_SYSLOG symbol, which
?S: indicates to the C program that syslog() exists on this system.
?S:.
?C:HAS_SYSLOG
 (LIBSYSLOG):
?C: This symbol, if defined, indicates that the program can rely on the
```

```
?C: system providing syslog().  Otherwise, the syslog code provided by
?C: the package should be used.
?C:.
?H:#$d_syslog HAS_SYSLOG /**/
?H:.
?LINT:set d_syslog
: see if syslog is available
echo " "
if $test `./findhdr syslog.h` && \
 (set syslog val -f d_syslog; eval $csym; $val); then
 echo "syslog() found." >&4
 val="$define"
else
 echo "syslog() not found in your C library." >&4
 val="$undef"
fi
set d_syslog
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_syslog.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: startsh.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: startsh.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  16:25:31  ram
?RCS: patch61: avoid needless chatter since this is now done very early
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:51  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:startsh: sh sharpbang eunicefix
?MAKE: -pick add $@ %<
?S:startsh:
?S: This variable contains the string to put on the front of a shell
?S: script to make sure (hopefully) that it runs with sh and not some
?S: other
```

```
 shell.
?S:.
?F:!sharp
: figure out how to guarantee sh startup
?X: Avoid needless chatter since this is now done very early.
?X: echo " "
?X: echo "Checking out how to guarantee sh startup..." >&2
case "$startsh" in
") startsh=${sharpbang}${sh} ;;
*)
?X: echo "Let's see if '$startsh' works..." ;;
esac
cat >sharp <<EOSS
$startsh
set abc
test "$?abc" != 1
EOSS

chmod +x sharp
$eunicefix sharp
if ./sharp; then
 : echo "Yup, it does."
else
 echo "Hmm... '$startsh' does not guarantee sh startup..."
 echo "You may have to fix up the shell scripts to make sure $sh runs them."
fi
rm -f sharp
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/startsh.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_longdbl.U,v $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: d_longdbl.U,v $
?RCS:
?MAKE:d_longdbl longdblsize d_ldexpl longdblkind \
 d_long_double_style_ieee d_long_double_style_ieee_doubledouble \
 d_long_double_style_ieee_extended d_long_double_style_ieee_std \
 d_long_double_style_vax: Compile Setvar Myread \
 Inlibc run echo cat rm_try test doublesize i_stdlib
?MAKE: -pick add $@ %<
```

```
?S:d_longdbl:
?S: This variable conditionally defines HAS_LONG_DOUBLE if
?S: the long double type is supported.
?S:.
?S:d_ldexpl:
?S: This variable conditionally defines the HAS_LDEXPL symbol, which
?S: indicates to the C program that the ldexpl() routine is available.
?S:.
?S:longdblsize:
?S: This variable contains the value of the LONG_DOUBLESIZE symbol,
 which
?S: indicates to the C program how many bytes there are in a long double,
?S: if this system supports long doubles.  Note that this is
?S: sizeof(long double), which may include unused bytes.
?S:.
?S:longdblkind:
?S: This variable, if defined, encodes the type of a long double:
?S:  0 = double,
?S:  1 = IEEE 754 128-bit little endian,
?S:  2 = IEEE 754 128-bit big endian,
?S:  3 = x86 80-bit little endian,
?S:  4 = x86 80-bit big endian,
?S:  5 = double-double 128-bit little endian,
?S:  6 = double-double 128-bit big endian,
?S:  7 = 128-bit mixed-endian double-double (64-bit LEs in BE),
?S:  8 = 128-bit mixed-endian double-double (64-bit BEs in LE),
?S:  9 = 128-bit PDP-style mixed-endian long doubles,
?S: -1 = unknown format.
?S:.
?S:d_long_double_style_ieee:
?S: This variable conditionally defines LONG_DOUBLE_STYLE_IEEE
?S: if the long double is any of the IEEE 754 style long doubles:
?S: LONG_DOUBLE_STYLE_IEEE_STD, LONG_DOUBLE_STYLE_IEEE_EXTENDED,
?S: LONG_DOUBLE_STYLE_IEEE_DOUBLEDOUBLE.
?S:.
?S:d_long_double_style_ieee_doubledouble:
?S: This
 variable conditionally defines LONG_DOUBLE_STYLE_IEEE_DOUBLEDOUBLE
?S: if the long double is the 128-bit IEEE 754 double-double.
?S:.
?S:d_long_double_style_ieee_extended:
?S: This variable conditionally defines LONG_DOUBLE_STYLE_IEEE_EXTENDED
?S: if the long double is the 80-bit IEEE 754 extended precision.
?S: Note that despite the 'extended' this is less than the 'std',
?S: since thisis an extension of the double precision.
?S:.
?S:d_long_double_style_ieee_std:
?S: This variable conditionally defines LONG_DOUBLE_STYLE_IEEE_STD
```

```
?S: if the long double is the 128-bit IEEE 754.
?S:.
?S:d_long_double_style_vax:
?S: This variable conditionally defines LONG_DOUBLE_STYLE_VAX
?S: if the long double is the 128-bit VAX format H.
?S:.
?C:HAS_LONG_DOUBLE:
?C: This symbol will be defined if the C compiler supports long
?C: doubles.
?C:.
?C:LONG_DOUBLESIZE:
?C: This symbol contains the size of a long double, so that the
?C: C
 preprocessor can make decisions based on it.  It is only
?C: defined if the system supports long doubles.  Note that this
?C: is sizeof(long double), which may include unused bytes.
?C:.
?C:HAS_LDEXPL:
?C: This symbol, if defined, indicates that the ldexpl routine is
?C: available to shift a long double floating-point number
?C: by an integral power of 2.
?C:.
?C:LONG_DOUBLEKIND:
?C: LONG_DOUBLEKIND will be one of
?C: LONG_DOUBLE_IS_DOUBLE
?C: LONG_DOUBLE_IS_IEEE_754_128_BIT_LITTLE_ENDIAN
?C: LONG_DOUBLE_IS_IEEE_754_128_BIT_BIG_ENDIAN
?C: LONG_DOUBLE_IS_X86_80_BIT_LITTLE_ENDIAN
?C: LONG_DOUBLE_IS_X86_80_BIT_BIG_ENDIAN
?C: LONG_DOUBLE_IS_DOUBLEDOUBLE_128_BIT_LE_LE
?C: LONG_DOUBLE_IS_DOUBLEDOUBLE_128_BIT_BE_BE
?C: LONG_DOUBLE_IS_DOUBLEDOUBLE_128_BIT_LE_BE
?C: LONG_DOUBLE_IS_DOUBLEDOUBLE_128_BIT_BE_LE
?C: LONG_DOUBLE_IS_VAX_H_FLOAT
?C: LONG_DOUBLE_IS_UNKNOWN_FORMAT
?C: It is only defined if the system supports long doubles.
?C:.
?C:LONG_DOUBLE_STYLE_IEEE:
?C: This symbol, if defined, indicates
 that the long double
?C: is any of the IEEE 754 style long doubles:
?C: LONG_DOUBLE_STYLE_IEEE_STD, LONG_DOUBLE_STYLE_IEEE_EXTENDED,
?C: LONG_DOUBLE_STYLE_IEEE_DOUBLEDOUBLE.
?C:.
?C:LONG_DOUBLE_STYLE_IEEE_DOUBLEDOUBLE:
?C: This symbol, if defined, indicates that the long double is
?C: the 128-bit double-double.
?C:.
```

```
?C:LONG_DOUBLE_STYLE_IEEE_EXTENDED:
?C: This symbol, if defined, indicates that the long double is
?C: the 80-bit IEEE 754. Note that despite the 'extended' this
?C: is less than the 'std', since this is an extension of
?C: the double precision.
?C:.
?C:LONG_DOUBLE_STYLE_IEEE_STD:
?C: This symbol, if defined, indicates that the long double is
?C: the 128-bit IEEE 754.
?C:.
?C:LONG_DOUBLE_STYLE_VAX:
?C: This symbol, if defined, indicates that the long double is
?C: the 128-bit VAX format H.
?C:.
?H:#$d_ldexpl  HAS_LDEXPL  /**/
?H:#$d_longdbl HAS_LONG_DOUBLE  /**/
?H:?LONG_DOUBLESIZE:#ifdef HAS_LONG_DOUBLE
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLESIZE $longdblsize  /**/
?H:?LONG_DOUBLESIZE:#define
 LONG_DOUBLEKIND $longdblkind  /**/
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_DOUBLE    0
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_IEEE_754_128_BIT_LITTLE_ENDIAN 1
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_IEEE_754_128_BIT_BIG_ENDIAN 2
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_X86_80_BIT_LITTLE_ENDIAN  3
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_X86_80_BIT_BIG_ENDIAN  4
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_DOUBLEDOUBLE_128_BIT_LE_LE 5
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_DOUBLEDOUBLE_128_BIT_BE_BE 6
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_DOUBLEDOUBLE_128_BIT_LE_BE 7
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_DOUBLEDOUBLE_128_BIT_BE_LE 8
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_VAX_H_FLOAT   9
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_UNKNOWN_FORMAT   -1
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_DOUBLEDOUBLE_128_BIT_LITTLE_ENDIAN
LONG_DOUBLE_IS_DOUBLEDOUBLE_128_BIT_LE_LE /* back-compat */
?H:?LONG_DOUBLESIZE:#define LONG_DOUBLE_IS_DOUBLEDOUBLE_128_BIT_BIG_ENDIAN
LONG_DOUBLE_IS_DOUBLEDOUBLE_128_BIT_BE_BE
 /* back-compat */
?H:?LONG_DOUBLESIZE:#$d_long_double_style_ieee LONG_DOUBLE_STYLE_IEEE
?H:?LONG_DOUBLESIZE:#$d_long_double_style_ieee_doubledouble
LONG_DOUBLE_STYLE_IEEE_DOUBLEDOUBLE
?H:?LONG_DOUBLESIZE:#$d_long_double_style_ieee_extended
LONG_DOUBLE_STYLE_IEEE_EXTENDED
?H:?LONG_DOUBLESIZE:#$d_long_double_style_ieee_std LONG_DOUBLE_STYLE_IEEE_STD
?H:?LONG_DOUBLESIZE:#$d_long_double_style_vax LONG_DOUBLE_STYLE_VAX
?H:?LONG_DOUBLESIZE:#endif
?H:.
?F:!try
?LINT:known LONG_DOUBLE_IS_DOUBLE LONG_DOUBLE_IS_IEEE_754_128_BIT_LITTLE_ENDIAN
?LINT:known LONG_DOUBLE_IS_IEEE_754_128_BIT_BIG_ENDIAN
```

```
LONG_DOUBLE_IS_X86_80_BIT_LITTLE_ENDIAN
?LINT:known LONG_DOUBLE_IS_X86_80_BIT_BIG_ENDIAN
LONG_DOUBLE_IS_DOUBLEDOUBLE_128_BIT_LITTLE_ENDIAN
?LINT:known LONG_DOUBLE_IS_DOUBLEDOUBLE_128_BIT_BIG_ENDIAN
LONG_DOUBLE_IS_UNKNOWN_FORMAT
?LINT:known LONG_DOUBLE_IS_DOUBLEDOUBLE_128_BIT_LE_LE
?LINT:known LONG_DOUBLE_IS_DOUBLEDOUBLE_128_BIT_BE_BE
?LINT:known
 LONG_DOUBLE_IS_DOUBLEDOUBLE_128_BIT_LE_BE
?LINT:known LONG_DOUBLE_IS_DOUBLEDOUBLE_128_BIT_BE_LE
?LINT:known LONG_DOUBLE_IS_VAX_H_FLOAT
?LINT:set d_longdbl
?LINT:set d_ldexpl
: check for long doubles
echo " "
echo "Checking to see if you have long double..." >&4
echo 'int main() { long double x = 7.0; }' > try.c
set try
if eval $compile; then
 val="$define"
 echo "You have long double."
else
 val="$undef"
 echo "You do not have long double."
fi
$rm_try
set d_longdbl
eval $setvar

: see if ldexpl exists
set ldexpl d_ldexpl
eval $inlibc

@if LONG_DOUBLESIZE || longdblsize
: check for length of long double
?X:  Check only if d_longdbl and if longdblsize is not already set.
case "${d_longdbl}${longdblsize}" in
$define)
 echo " "
 echo "Checking to see how big your long doubles are..." >&4
 $cat >try.c <<'EOCP'
#include <stdio.h>
int main()
{
 printf("%d\n", sizeof(long double));
}
EOCP
 set try
```

```
?X: Don't use compile_ok because some compilers warn you that they have
?X: 'long double'
 as just 'double'.
 set try
 if eval $compile; then
  longdblsize=`$run ./try`
  echo "Your long doubles are $longdblsize bytes long."
 else
  dflt='8'
  echo " "
  echo "(I can't seem to compile the test program.  Guessing...)" >&4
  rp="What is the size of a long double (in bytes)?"
  . ./myread
  longdblsize="$ans"
 fi
 if $test "X$doublesize" = "X$longdblsize"; then
  echo "That isn't any different from an ordinary double."
  echo "I'll keep your setting anyway, but you may see some"
  echo "harmless compilation warnings."
 fi
 ;;
esac
$rm_try
@end

$echo "Checking the kind of long doubles you have..." >&4
case "$d_longdbl" in
define)
$cat <<EOP >try.c
#$i_stdlib I_STDLIB
#define LONGDBLSIZE $longdblsize
#define DOUBLESIZE $doublesize
#include <float.h>
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#include <stdio.h>
static const long double d = -0.1L;
int main() {
 unsigned const char* b = (unsigned const char*)(&d);
#if DOUBLESIZE == LONGDBLSIZE
 printf("0\n"); /* if it floats
 like double */
 exit(0);
#endif
#if (LDBL_MANT_DIG == 113 || FLT128_MANT_DIG == 113) && LONGDBLSIZE == 16
 if (b[0] == 0x9A && b[1] == 0x99 && b[15] == 0xBF) {
   /* IEEE 754 128-bit little-endian */
```

```
  printf("1\n");
  exit(0);
 }
 if (b[0] == 0xBF && b[14] == 0x99 && b[15] == 0x9A) {
  /* IEEE 128-bit big-endian, e.g. solaris sparc */
  printf("2\n");
  exit(0);
 }
#endif
/* For alignment 32-bit platforms have the 80 bits in 12 bytes,
* while 64-bits platforms have it in 16 bytes.  The trailing bytes
* cannot be trusted. */
#if LDBL_MANT_DIG == 64 && (LONGDBLSIZE == 16 || LONGDBLSIZE == 12)
 if (b[0] == 0xCD && b[9] == 0xBF) {
  /* x86 80-bit little-endian, sizeof 12 (ILP32, Solaris x86)
   * or 16 (LP64, Linux and OS X), 4 or 6 bytes of padding.
   * Also known as "extended precision". */
  printf("3\n");
  exit(0);
 }
 if (b[0] == 0xBF && b[9] == 0xCD) {
  /* Is there ever big-endian 80-bit, really?
   *
   * The Motorola 68881 had another "extended
 precision" format:
   * sign:1 exp:15 zero:16 integer:1 mantissa:63
   * for total of 96 bits of bytes.  The zero bits were unused.
   * See "M68000 FAMILY PROGRAMMER’S REFERENCE MANUAL" for more details.
   * If it ever becomes relevant, this format should be allocated
   * a new doublekind code since it's quite different from the Intel x87.
   */
  printf("4\n");
  exit(0);
 }
#endif
#if (LDBL_MANT_DIG == 106 || LDBL_MANT_DIG == 107) && LONGDBLSIZE == 16
 /* software "double double", the 106 is 53+53.
  * but irix thinks it is 107. */
 if (b[0] == 0x9A && b[7] == 0x3C && b[8] == 0x9A && b[15] == 0xBF) {
  /* double double 128-bit fully little-endian,
   * little-endian doubles in little-endian order,
   * 9a 99 99 99 99 99 59 3c 9a 99 99 99 99 99 b9 bf */
  printf("5\n");
  exit(0);
 }
 if (b[0] == 0xBF && b[7] == 0x9A && b[8] == 0x3C && b[15] == 0x9A) {
  /* double double 128-bit fully big-endian,
   * big-endian doubles in big-endian order,
```

```
     * e.g. PPC/Power and MIPS:
    * bf b9 99 99 99 99 99 9a 3c 59 99 99 99 99 99 9a */
   printf("6\n");
   exit(0);
  }
 if (b[0] == 0x9A && b[7] == 0xBF && b[8] == 0x9A && b[15] == 0x3C) {
   /* double double 128-bit mixed endian.
    * little-endian doubles in big-endian order,
    * e.g. ppc64el,
    * 9a 99 99 99 99 99 b9 bf 9a 99 99 99 99 99 59 3c */
   printf("7\n");
   exit(0);
  }
 if (b[0] == 0x3C && b[7] == 0x9A && b[8] == 0xBF && b[15] == 0x9A) {
   /* double double 128-bit mixed endian,
    * big-endian doubles in little-endian order,
    * 3c 59 99 99 99 99 99 9a bf b9 99 99 99 99 99 9a */
   printf("8\n");
   exit(0);
  }
#endif
/* We are largely making this up because it may well be
* that the VAX format H was never made available to C,
* only to Fortran. */
#if LONGDBLSIZE == 16 && defined(__vax__)
 if (b[0] == 0xFD && b[15] == 0x99) {
   /* VAX format H, PDP-11 mixed endian. */
   printf("9\n");
   exit(0);
  }
#endif
 printf("-1\n"); /* unknown
 */
 exit(0);
}
EOP
set try
if eval $compile; then
   longdblkind=`$run ./try`
else
   longdblkind=-1
fi
;;
*) longdblkind=0 ;;
esac
case "$longdblkind" in
0) echo "Your long doubles are doubles." >&4 ;;
1) echo "You have IEEE 754 128-bit little endian long doubles." >&4 ;;
```

```
2) echo "You have IEEE 754 128-bit big endian long doubles." >&4 ;;
3) echo "You have x86 80-bit little endian long doubles." >& 4 ;;
4) echo "You have x86 80-bit big endian long doubles." >& 4 ;;
5) echo "You have 128-bit fully little-endian double-double long doubles (64-bit LEs in LE)." >& 4 ;;
6) echo "You have 128-bit fully big-endian double-double long doubles (64-bit BEs in BE)." >& 4 ;;
7) echo "You have 128-bit mixed-endian double-double long doubles (64-bit LEs in BE)." >& 4 ;;
8) echo "You have 128-bit mixed-endian double-double long doubles (64-bit BEs in LE)." >& 4 ;;
9) echo "You have 128-bit PDP-style mixed-endian long doubles (VAX format H)." >& 4 ;;
*) echo "Cannot figure out your long double."
 >&4 ;;
esac
d_long_double_style_ieee=$undef
d_long_double_style_ieee_std=$undef
d_long_double_style_ieee_extended=$undef
d_long_double_style_ieee_doubledouble=$undef
d_long_double_style_vax=$undef
case "$longdblkind" in
1|2|3|4|5|6|7|8) d_long_double_style_ieee=$define ;;
esac
case "$longdblkind" in
1|2) d_long_double_style_ieee_std=$define ;;
esac
case "$longdblkind" in
3|4) d_long_double_style_ieee_extended=$define ;;
esac
case "$longdblkind" in
5|6|7|8) d_long_double_style_ieee_doubledouble=$define ;;
esac
case "$longdblkind" in
9) d_long_double_style_vax=$define ;;
esac
$rm_try
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_longdbl.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_hidnet.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
```

```
?RCS: $Log: d_hidnet.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:20  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_hidnet hiddennet: cat sed myhostname mydomain Myread Oldconfig
?MAKE: -pick add $@ %<
?S:d_hidnet:
?S: This variable conditionally defines the symbol HIDDEN_NET, which
?S: tells the C program that it should pretend it is on a different
?S: host for purposes of advertising a mailing address.
?S:.
?S:hiddennet:
?S: This variable contains
 the value eventually given to the symbol
?S: HIDDEN_NET, if d_hidnet defines it.  If defined, it's the name
?S: of the host which serves as the mail server for a network that
?S: is invisible to the outside world.
?S:.
?C:HIDDEN_NET (HIDDENNET):
?C: This symbol, if defined, contains the host name that you want to
?C: advertise to the outside world.  This name can be different from
?C: your actual host name, as long as the machine you specify knows
?C: how to forward mail to you.
?C:.
?H:#$d_hidnet HIDDEN_NET "$hiddennet" /**/
?H:.
: now get the host name to advertise as our mailing address
case "$hiddennet" in
") dflt=n;;
*) dflt=y;;
esac
$cat <<EOM

Some sites are on "hidden" networks, in the sense that the network appears
to the outside world as a single machine.  The advertised name of any host
on this hidden network is the name of one machine on the local network which
knows how to forward mail to any other host on the hidden network.

Do you wish to advertise a different hostname
 to the world than the one your
own host ($myhostname$mydomain) has?

EOM
rp='Use "hidden" network?'
. ./myread
case "$ans" in
n*) d_hidnet="$undef" hiddennet=";;
*)
```

```
 d_hidnet="$define"
 echo " "
 case "$hiddennet" in
 ") dflt=`echo $mydomain | $sed -e 's/^\.//'`;;
 *) dflt="$hiddennet";;
 esac
 rp='What hostname do you wish to advertise?'
 . ./myread
 hiddennet="$ans"
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_hidnet.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_gethostent_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_gethostent_r gethostent_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_gethostent_r:
?S: This variable conditionally defines the HAS_GETHOSTENT_R symbol,
?S: which indicates to the C program that the gethostent_r()
?S: routine is available.
?S:.
?S:gethostent_r_proto:
?S: This variable encodes the prototype of gethostent_r.
?S: It is zero if d_gethostent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_gethostent_r
?S: is defined.
?S:.
?C:HAS_GETHOSTENT_R:
?C: This symbol, if defined, indicates that the gethostent_r routine
?C: is
 available to gethostent re-entrantly.
?C:.
?C:GETHOSTENT_R_PROTO:
?C: This symbol encodes the prototype of gethostent_r.
?C: It is zero if d_gethostent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_gethostent_r
```

```
?C: is defined.
?C:.
?H:#$d_gethostent_r HAS_GETHOSTENT_R /**/
?H:#define GETHOSTENT_R_PROTO $gethostent_r_proto /**/
?H:.
?T:try hdrs d_gethostent_r_proto
: see if gethostent_r exists
set gethostent_r d_gethostent_r
eval $inlibc
case "$d_gethostent_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
 case "$d_gethostent_r_proto:$usethreads" in
 ":define") d_gethostent_r_proto=define
  set d_gethostent_r_proto gethostent_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_gethostent_r_proto" in
 define)
 case "$gethostent_r_proto" in
 "|0) try='int gethostent_r(struct hostent*, char*, size_t, struct hostent**, int*);'
 ./protochk "$extern_C $try" $hdrs && gethostent_r_proto=I_SBWRE ;;
 esac
 case "$gethostent_r_proto"
 in
 "|0) try='int gethostent_r(struct hostent*, char*, int, int*);'
 ./protochk "$extern_C $try" $hdrs && gethostent_r_proto=I_SBIE ;;
 esac
 case "$gethostent_r_proto" in
 "|0) try='struct hostent* gethostent_r(struct hostent*, char*, int, int*);'
 ./protochk "$extern_C $try" $hdrs && gethostent_r_proto=S_SBIE ;;
 esac
 case "$gethostent_r_proto" in
 "|0) try='struct hostent* gethostent_r(struct hostent*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && gethostent_r_proto=S_SBI ;;
 esac
 case "$gethostent_r_proto" in
 "|0) try='int gethostent_r(struct hostent*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && gethostent_r_proto=I_SBI ;;
 esac
 case "$gethostent_r_proto" in
 "|0) try='int gethostent_r(struct hostent*, struct hostent_data*);'
 ./protochk "$extern_C $try" $hdrs && gethostent_r_proto=I_SD ;;
 esac
 case "$gethostent_r_proto" in
 "|0) d_gethostent_r=undef
  gethostent_r_proto=0
```

```
  echo "Disabling gethostent_r, cannot determine prototype." >&4 ;;
 * ) case
 "$gethostent_r_proto" in
  REENTRANT_PROTO*) ;;
  *) gethostent_r_proto="REENTRANT_PROTO_$gethostent_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "gethostent_r has no prototype, not using it." >&4 ;;
  esac
  d_gethostent_r=undef
  gethostent_r_proto=0
  ;;
 esac
 ;;
*) gethostent_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_gethostent_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_bcmp.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_bcmp.U,v $
?RCS: Revision 3.0.1.2  1993/10/16  13:47:52  ram
?RCS: patch12: added magic support for bcmp()
?RCS:
?RCS: Revision 3.0.1.1  1993/09/13  16:00:44  ram
?RCS: patch10: now only defines HAS_BCMP, no macro remap on memcmp (WAD)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:42  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_bcmp: Inlibc
?MAKE: -pick add $@ %<
```

```
?S:d_bcmp:
?S: This variable conditionally defines the HAS_BCMP symbol
 if
?S: the bcmp() routine is available to compare strings.
?S:.
?C:HAS_BCMP:
?C: This symbol is defined if the bcmp() routine is available to
?C: compare blocks of memory.
?C:.
?H:#$d_bcmp HAS_BCMP /**/
?H:.
?M:bcmp: HAS_BCMP
?M:#ifndef HAS_BCMP
?M:#ifndef bcmp
?M:#define bcmp(s,d,l) memcmp((s),(d),(l))
?M:#endif
?M:#endif
?M:.
?LINT:set d_bcmp
: see if bcmp exists
set bcmp d_bcmp
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_bcmp.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: afs.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: afs.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  15:23:06  ram
?RCS: patch61: can now explicitly tell Configure whether AFS is running
?RCS:
?RCS: Revision 3.0.1.1  1993/08/24  12:24:43  ram
?RCS: patch3: created
?RCS:
?MAKE:afs afsroot: test
?MAKE: -pick add $@ %<
?S:afs:
```

```
?S: This variable is set to 'true' if AFS (Andrew File System) is used
?S: on the system, 'false' otherwise.  It is possible to override this
?S: with a hint value or command line option,
 but you'd better know
?S: what you are doing.
?S:.
?S:afsroot:
?S: This variable is by default set to '/afs'. In the unlikely case
?S: this is not the correct root, it is possible to override this with
?S: a hint value or command line option.  This will be used in subsequent
?S: tests for AFSness in the configure and test process.
?S:.
: allow them to override the AFS root
case "$afsroot" in
") afsroot=/afs ;;
*) afsroot=$afsroot ;;
esac

: is AFS running?
echo " "
case "$afs" in
$define|true) afs=true ;;
$undef|false) afs=false ;;
*) if $test -d $afsroot; then
  afs=true
 else
  afs=false
 fi
 ;;
esac
if $afs; then
 echo "AFS may be running... I'll be extra cautious then..." >&4
else
 echo "AFS does not seem to be running..." >&4
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/afs.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:sysroot: Head
?MAKE: -pick add $@ %<
```

```
?S:sysroot:
?S: This variable is empty unless supplied by the Configure user.
?S: It can contain a path to an alternative root directory, under which
?S: headers and libraries for the compilation target can be found. This
?S: is generally used when cross-compiling using a gcc-like compiler.
?S:.
?LINT:extern cc
?LINT:extern cppflags
?LINT:change cppflags
?LINT:extern ccflags
?LINT:change ccflags
?LINT:extern ldflags
?LINT:change ldflags
?LINT:extern cccdlflags
?X: _sysroot is later used in ccflags, but we do not want it in config.sh
?T:var xxx path _sysroot
: Set 'sysroot' to change the logical root directory to your headers and libraries see man gcc
: This is primarily meant for cross-compile environments, and
 may fail to be useful in other cases
if test "X$sysroot" = X; then
   sysroot=""
else
   case "$cc" in
 *gcc*|*g++*)
     echo "Using $sysroot to find your headers and libraries, adding to ccflags"
     # _sysroot is used in places where we need --sysroot=foo
     # but using the rest of the flags could cause issues.
     _sysroot="--sysroot=$sysroot";
     case "$ccflags" in
  *sysroot*) ;;
  'undef'|*)
  ccflags="$ccflags $_sysroot"
     esac
     case "$ldflags" in
  *sysroot*) ;;
  'undef'|*)
  ldflags="$ldflags $_sysroot"
     esac
     case "$cppflags" in
  *sysroot*) ;;
  'undef'|*)
  cppflags="$cppflags $_sysroot"
     esac
     # lddlflags updated below in lddlflags section;
     # same with cccdlflags
     ;;
   esac
```

```
  # Adjust some defaults to also use $sysroot
  for var in xlibpth loclibpth locincpth glibpth; do
 eval xxx=\$$var
 eval $var=''
 for path in $xxx; do
    eval $var=\"\$$var $sysroot$path\"
 done
  done

fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/Sysroot.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_shmat.U,v 3.0.1.3 1995/07/25 14:04:23 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_shmat.U,v $
?RCS: Revision 3.0.1.3  1995/07/25  14:04:23  ram
?RCS: patch56: use findhdr to find <sys/shm.h>, to get the right one (ADO)
?RCS:
?RCS: Revision 3.0.1.2  1994/05/13  15:18:56  ram
?RCS: patch27: added new symbol HAS_SHMAT_PROTOTYPE (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/05/06  14:54:18  ram
?RCS: patch23: new Shmat_t symbol to declare return type of shmat()
?RCS:
?RCS: Revision 3.0  1993/08/18  12:07:18  ram
?RCS: Baseline for dist 3.0 netwide
 release.
?RCS:
?MAKE:d_shmat shmattype d_shmatprototype: Inlibc cat +cc +ccflags \
 rm cppstdin cppflags cppminus Findhdr Setvar contains
?MAKE: -pick add $@ %<
?S:d_shmat:
?S: This variable conditionally defines the HAS_SHMAT symbol, which
?S: indicates to the C program that the shmat() routine is available.
?S:.
?S:shmattype:
```

```
?S: This symbol contains the type of pointer returned by shmat().
?S: It can be 'void *' or 'char *'.
?S:.
?S:d_shmatprototype:
?S: This variable conditionally defines the HAS_SHMAT_PROTOTYPE
?S: symbol, which indicates that sys/shm.h has a prototype for
?S: shmat.
?S:.
?C:HAS_SHMAT:
?C: This symbol, if defined, indicates that the shmat() routine is
?C: available to attach a shared memory segment to the process space.
?C:.
?C:Shmat_t:
?C: This symbol holds the return type of the shmat() system call.
?C: Usually set to 'void *' or 'char *'.
?C:.
?C:HAS_SHMAT_PROTOTYPE:
?C: This symbol, if defined, indicates that the sys/shm.h includes
?C: a prototype for shmat().
  Otherwise, it is up to the program to
?C: guess one.  Shmat_t shmat(int, Shmat_t, int) is a good guess,
?C: but not always right so it should be emitted by the program only
?C: when HAS_SHMAT_PROTOTYPE is not defined to avoid conflicting defs.
?C:.
?H:#$d_shmat HAS_SHMAT  /**/
?H:#define Shmat_t $shmattype /**/
?H:#$d_shmatprototype HAS_SHMAT_PROTOTYPE /**/
?H:.
?LINT:set d_shmat d_shmatprototype
?T:xxx
: see if shmat exists
set shmat d_shmat
eval $inlibc
: see what shmat returns
case "$d_shmat" in
"$define")
 $cat >shmat.c <<'END'
#include <sys/shm.h>
void *shmat();
END
 if $cc $ccflags -c shmat.c >/dev/null 2>&1; then
  shmattype='void *'
 else
  shmattype='char *'
 fi
 echo "and it returns ($shmattype)." >&4
 : see if a prototype for shmat is available
 xxx=`./findhdr sys/shm.h`
```

```
 $cppstdin $cppflags $cppminus < $xxx > shmat.c 2>/dev/null
 if $contains 'shmat.*(' shmat.c >/dev/null 2>&1; then
  val="$define"
 else
  val="$undef"
 fi
 $rm -f shmat.[co]
 ;;
*)
 val="$undef"
 ;;
esac
set
 d_shmatprototype
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_shmat.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_xdrs.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_xdrs.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:04  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_xdrs: cat Csym Setvar
?MAKE: -pick add $@ %<
?S:d_xdrs:
?S: This symbol conditionally defines HAS_XDRS which indicates to the C
?S: program that XDR serialization routines are available.
?S:.
?C:HAS_XDRS (XDRS):
?C: This symbol if defined indicates to the C program that the XDR
?C: serialization routines are available to transfer data
 accross
?C: various architectures.
?C:.
?H:#$d_xdrs HAS_XDRS /**/
```

```
?H:.
?LINT:set d_xdrs
: see if XDR is available
echo " "
if set xdr_int val -f d_xdrs; eval $csym; $val; then
 echo "Ahh! You have XDR routines for network communications." >&4
 val="$define"
else
 $cat >&4 <<EOM
Sigh! You do not have XDR routines -- Network communications may be hazardous.
EOM
 val="$undef"
fi
set d_xdrs
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_xdrs.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Setvar.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Setvar.U,v $
?RCS: Revision 3.0.1.1  1994/10/29  15:58:28  ram
?RCS: patch36: call ./whoa explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:16  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit produces a variable that is intended to be eval'ed in
?X: order to define/undefine a symbol. A consistency check is made
?X: regarding any previous value and a warning is issued if there
?X: is any discrepancy.
?X:
?X:
 To use it, say:
?X: val=<value>
?X: set d_variable
```

```
?X: eval $setvar
?X:
?MAKE:Setvar: Whoa
?MAKE: -pick add $@ %<
?LINT:define setvar
?S:setvar:
?S: This shell variable is used internally by Configure to set a value
?S: to a given symbol that is defined or not. A typical use is:
?S: val=<value computed>
?S:  set d_variable
?S:  eval $setvar
?S: That will print a message in case the $val value is not the same
?S: as the previous value of $d_variable.
?S:.
?V:setvar:val
?T:var was td tu
: function used to set '$1' to '$val'
setvar='var=$1; eval "was=\$$1"; td=$define; tu=$undef;
case "$val$was" in
$define$undef) . ./whoa; eval "$var=\$td";;
$undef$define) . ./whoa; eval "$var=\$tu";;
*) eval "$var=$val";;
esac'
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Setvar.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_termio.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_termio.U,v $
?RCS: Revision 3.0.1.4  1994/10/29  16:20:54  ram
?RCS: patch36: call ./usg and ./Cppsym explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0.1.3  1994/08/29  16:26:38  ram
?RCS: patch32: don't include all threee I_* symbols in config.h
?RCS: patch32: (had forgotten to undo this part last time)
?RCS:
?RCS: Revision 3.0.1.2  1994/05/13  15:25:03  ram
```

```
?RCS: patch27: undone ADO's fix in previous patch since it was useless
?RCS:
?RCS:
 Revision 3.0.1.1  1994/05/06  15:05:23  ram
?RCS: patch23: now include all three defines in config.h (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:08:44  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_termio i_sgtty i_termios: test Inlibc Cppsym Guess Setvar Findhdr Warn run
?MAKE: -pick add $@ %<
?S:i_termio:
?S: This variable conditionally defines the I_TERMIO symbol, which
?S: indicates to the C program that it should include <termio.h> rather
?S: than <sgtty.h>.
?S:.
?S:i_termios:
?S: This variable conditionally defines the I_TERMIOS symbol, which
?S: indicates to the C program that the POSIX <termios.h> file is
?S: to be included.
?S:.
?S:i_sgtty:
?S: This variable conditionally defines the I_SGTTY symbol, which
?S: indicates to the C program that it should include <sgtty.h> rather
?S: than <termio.h>.
?S:.
?C:I_TERMIO:
?C: This symbol, if defined, indicates that the program should include
?C: <termio.h> rather than <sgtty.h>.  There are also differences in
?C: the
 ioctl() calls that depend on the value of this symbol.
?C:.
?C:I_TERMIOS:
?C: This symbol, if defined, indicates that the program should include
?C: the POSIX termios.h rather than sgtty.h or termio.h.
?C: There are also differences in the ioctl() calls that depend on the
?C: value of this symbol.
?C:.
?C:I_SGTTY:
?C: This symbol, if defined, indicates that the program should include
?C: <sgtty.h> rather than <termio.h>.  There are also differences in
?C: the ioctl() calls that depend on the value of this symbol.
?C:.
?H:#$i_termio I_TERMIO  /**/
?H:#$i_termios I_TERMIOS  /**/
?H:#$i_sgtty I_SGTTY  /**/
?H:.
?T:val2 val3
```

```
?LINT:set i_termio i_sgtty i_termios
: see if this is a termio system
val="$undef"
val2="$undef"
val3="$undef"
?X: Prefer POSIX-approved termios.h over all else
if $test `./findhdr termios.h`; then
   set tcsetattr i_termios
   eval $inlibc
   val3="$i_termios"
fi
echo " "
case "$val3" in
   "$define") echo "You have POSIX termios.h... good!" >&4;;
   *)
  if ./Cppsym pyr; then
     case "`$run /bin/universe`" in
  ucb) if $test `./findhdr sgtty.h`; then
   val2="$define"
   echo "<sgtty.h> found." >&4
      else
   echo "System is pyramid with BSD universe."
   ./warn "<sgtty.h> not found--you could have problems."
      fi;;
  *)  if $test `./findhdr termio.h`; then
   val="$define"
   echo "<termio.h> found." >&4
      else
   echo "System is pyramid with USG universe."
   ./warn "<termio.h> not found--you could have problems."
      fi;;
     esac
?X: Start with USG to avoid problems if both usg/bsd was guessed
 elif ./usg; then
     if $test `./findhdr termio.h`; then
  echo "<termio.h> found." >&4
  val="$define"
     elif $test `./findhdr sgtty.h`; then
  echo "<sgtty.h> found." >&4
  val2="$define"
     else
  ./warn "Neither <termio.h> nor <sgtty.h> found--cross fingers!"
     fi
 else
     if $test `./findhdr sgtty.h`; then
  echo "<sgtty.h> found." >&4
  val2="$define"
     elif $test `./findhdr termio.h`; then
```

```
  echo "<termio.h>
 found." >&4
  val="$define"
     else
  ./warn "Neither <sgtty.h> nor <termio.h> found--cross fingers!"
     fi
 fi;;
esac
set i_termio; eval $setvar
val=$val2; set i_sgtty; eval $setvar
val=$val3; set i_termios; eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_termio.U
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```
?RCS: $Id: d_endhostent_r.U,v 0RCS:
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?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_endhostent_r endhostent_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_endhostent_r:
?S: This variable conditionally defines the HAS_ENDHOSTENT_R symbol,
?S: which indicates to the C program that the endhostent_r()
?S: routine is available.
?S:.
?S:endhostent_r_proto:
?S: This variable encodes the prototype of endhostent_r.
?S: It is zero if d_endhostent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endhostent_r
?S: is defined.
?S:.
?C:HAS_ENDHOSTENT_R:
?C: This symbol, if defined, indicates that the endhostent_r routine
?C: is
 available to endhostent re-entrantly.
?C:.
?C:ENDHOSTENT_R_PROTO:
?C: This symbol encodes the prototype of endhostent_r.
?C: It is zero if d_endhostent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endhostent_r
```

```
?C: is defined.
?C:.
?H:#$d_endhostent_r HAS_ENDHOSTENT_R /**/
?H:#define ENDHOSTENT_R_PROTO $endhostent_r_proto /**/
?H:.
?T:try hdrs d_endhostent_r_proto
: see if endhostent_r exists
set endhostent_r d_endhostent_r
eval $inlibc
case "$d_endhostent_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
 case "$d_endhostent_r_proto:$usethreads" in
 ":define") d_endhostent_r_proto=define
  set d_endhostent_r_proto endhostent_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_endhostent_r_proto" in
 define)
 case "$endhostent_r_proto" in
 "|0) try='int endhostent_r(struct hostent_data*);'
 ./protochk "$extern_C $try" $hdrs && endhostent_r_proto=I_D ;;
 esac
 case "$endhostent_r_proto" in
 "|0) try='void endhostent_r(struct
 hostent_data*);'
 ./protochk "$extern_C $try" $hdrs && endhostent_r_proto=V_D ;;
 esac
 case "$endhostent_r_proto" in
 "|0) d_endhostent_r=undef
  endhostent_r_proto=0
  echo "Disabling endhostent_r, cannot determine prototype." >&4 ;;
 * ) case "$endhostent_r_proto" in
  REENTRANT_PROTO*) ;;
  *) endhostent_r_proto="REENTRANT_PROTO_$endhostent_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "endhostent_r has no prototype, not using it." >&4 ;;
  esac
  d_endhostent_r=undef
  endhostent_r_proto=0
  ;;
 esac
 ;;
```

```
*) endhostent_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_endhostent_r.U
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```
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: fpostype.U,v $
?RCS: Revision 3.0.1.2  1994/08/29  16:20:52  ram
?RCS: patch32: now uses new Typedef unit to compute type information
?RCS:
?RCS: Revision 3.0.1.1  1994/06/20  06:59:59  ram
?RCS: patch30: created
?RCS:
?MAKE:fpostype: Myread Typedef
?MAKE: -pick add $@ %<
?S:fpostype:
?S: This variable defines Fpos_t to be something like fpost_t, long,
?S: uint, or whatever type is used to declare file positions in libc.
?S:.
?C:Fpos_t:
?C: This symbol holds the type used to declare file positions
 in libc.
?C: It can be fpos_t, long, uint, etc... It may be necessary to include
?C: <sys/types.h> to get any typedef'ed information.
?C:.
?H:#define Fpos_t $fpostype  /* File position type */
?H:.
: see what type file positions are declared as in the library
set fpos_t fpostype long stdio.h sys/types.h
eval $typedef
echo " "
dflt="$fpostype"
rp="What is the type for file position used by fsetpos()?"
. ./myread
fpostype="$ans"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/fpostype.U
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```
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?RCS: of the source tree for dist 4.0.
?RCS:
?MAKE:d_accept4: Inlibc
?MAKE: -pick add $@ %<
?S:d_accept4:
?S: This variable conditionally defines HAS_ACCEPT4 if accept4() is
?S: available to accept socket connections.
?S:.
?C:HAS_ACCEPT4:
?C: This symbol, if defined, indicates that the accept4 routine is
?C: available to accept socket connections.
?C:.
?H:#$d_accept4 HAS_ACCEPT4 /**/
?H:.
?LINT:set d_accept4
: see if accept4 exists
set accept4 d_accept4
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_accept4.U
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```
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?RCS: of the source tree for dist 4.0.
?RCS:
?MAKE:ilp d_ilp32 d_ilp64 d_lp64 d_can64: Assert Myread Setvar \
 cat rm +cc +ccflags echo n c intsize longsize ptrsize
?MAKE: -pick add $@ %<
```

```
?S:ilp:
?S: This variable contains the largest amount of bits that the CPU supports,
?S: from the compiler's point of view.  Typically 32 or 64.
?S:.
?S:d_ilp32:
?S: This variable conditionally defines the CPU_IS_ILP32.
?S:.
?S:d_ilp64:
?S: This variable conditionally defines the CPU_IS_ILP64.
?S:.
?S:d_lp64:
?S: This variable conditionally defines the CPU_IS_LP64.
?S:.
?S:d_can64:
?S: This variable
 conditionally defines CAN_HANDLE_64BITS.
?S:.
?C:CPU_ILP_MAXBITS:
?C: This symbol contains the largest amount of bits that the CPU natively
?C: supports from the compiler's point of view.  Typically 32 or 64.
?C:.
?C:CPU_IS_ILP32:
?C: When defined, this indicates that the integer, long and pointer variables
?C: hold 32-bit values.
?C:.
?C:CPU_IS_ILP64:
?C: When defined, this indicates that the integer, long and pointer variables
?C: hold 64-bit values.
?C:.
?C:CPU_IS_LP64:
?C: When defined, this indicates that the long and pointer variables hold
?C: 64-bit values but integers are smaller (probably only 32-bit wide).
?C:.
?C:CAN_HANDLE_64BITS:
?C: When defined, this indicates that the compiler can handle 64-bit values
?C: despite the CPU having only 32-bit registers.  These are available using
?C: the "long long" C type.  It is only defined for ILP32 machines, since
?C: 64-bit support is naturally available on ILP64 and LP64 machines.
?C:.
?H:#define CPU_ILP_MAXBITS $ilp
?H:#$d_ilp32
 CPU_IS_ILP32 /**/
?H:#$d_ilp64 CPU_IS_ILP64 /**/
?H:#$d_lp64 CPU_IS_LP64  /**/
?H:#$d_can64 CAN_HANDLE_64BITS /**/
?H:.
?LINT: set d_ilp32 d_ilp64 d_lp64 d_can64
: check for architecture type
```

```
echo " "
$echo $n "Computing CPU architecture type...$c" >&4
ilp=`expr $longsize \* 8`
case "$ptrsize" in
8)
 val=$undef; set d_ilp32; eval $setvar
 case "$intsize" in
 8)
  echo " ILP64." >&4
  val=$define; set d_ilp64; eval $setvar
  val=$undef; set d_lp64; eval $setvar
  ;;
 *)
  echo " LP64." >&4
  val=$define; set d_lp64; eval $setvar
  val=$undef; set d_ilp64; eval $setvar
  ;;
 esac
 ;;
*)
 echo " ILP${ilp}." >&4
 case "$ilp" in
 32) val=$define;;
 *) val=$undef;;
 esac
 set d_ilp32; eval $setvar
 val=$undef; set d_ilp64; eval $setvar
 val=$undef; set d_lp64; eval $setvar
 ;;
esac

@if CAN_HANDLE_64BITS || d_can64
: see whether compiler supports 64-bit emulation
val=$undef
case "$ilp" in
64) val=$define;;
*)
 $cat >try.c <<EOCP
#include "static_assert.h"
long long foo;
int main()
{
 STATIC_ASSERT(8
 == sizeof(foo));
 return 0;
}
EOCP
 if $cc -c $ccflags try.c >/dev/null 2>&1; then
```

```
  echo " "
  echo "Your compiler also supports 64-bit emulation." >&4
  val=$define
 fi
 $rm -f try.*
 ;;
esac
set d_can64
eval $setvar

@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/ilp.U
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?RCS:
?MAKE:d_fs_data_s: Hasstruct i_sysparam i_sysmount i_systypes Setvar
?MAKE: -pick add $@ %<
?S:d_fs_data_s:
?S: This variable conditionally defines the HAS_STRUCT_FS_DATA symbol,
?S: which indicates that the struct fs_data is supported.
?S:.
?C:HAS_STRUCT_FS_DATA:
?C: This symbol, if defined, indicates that the struct fs_data
?C: to do statfs() is supported.
?C:.
?H:#$d_fs_data_s HAS_STRUCT_FS_DATA /**/
?H:.
?LINT:set d_fs_data_s
: Check for fs_data_s
echo " "
echo "Checking to see if your system supports struct fs_data..." >&4
set d_fs_data_s fs_data $i_systypes sys/types.h $i_sysparam sys/param.h $i_sysmount sys/mount.h
eval $hasstruct
case "$d_fs_data_s" in
"$define")      echo "Yes, it does."   ;;
*)
            echo "No, it doesn't." ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fs_data_s.U
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```
?RCS: $Id: d_newsadm.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_newsadm.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  15:36:53  ram
?RCS: patch61: added Guess dependency
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  16:14:33  ram
?RCS: patch36: call ./eunice explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0  1993/08/18  12:06:42  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_newsadm newsadmin: cat contains Guess Setvar Myread Oldconfig
?MAKE: -pick add $@ %<
?S:d_newsadm:
?S: This variable
 conditionally defines the NEWS_ADMIN symbol, which
?S: indicates to the C program that there is a user who is in charge
?S: of news administration.
?S:.
?S:newsadmin:
?S: This variable holds the login name of the news administrator, if any.
?S:.
?C:NEWS_ADMIN (NEWSADMIN):
?C: This symbol, if defined, contains the login name of the news
?C: administrator.
?C:.
?H:#$d_newsadm NEWS_ADMIN "$newsadmin"  /**/
?H:.
?LINT:set d_newsadm
: get news administrator name
case "$newsadmin" in
")
 if $contains "^news:" /etc/passwd >/dev/null 2>&1 ; then
  dflt=news
```

```
 elif $contains "^usenet:" /etc/passwd >/dev/null 2>&1 ; then
  dflt=usenet
 elif ./eunice; then
  dflt=system
 else
  dflt=root
 fi
 ;;
*)
 dflt="$newsadmin"
 ;;
esac
$cat <<'EOM'

Many systems keep their news in a private directory, or have a non-superuser
in charge of administering news.  (If you don't have such a user, take the
default answer.)  I need the login name (not directory) which is used for
news administration.

EOM
rp="News
 admin login?"
. ./myread
newsadmin="$ans"
case "$newsadmin" in
root) val="$undef" ;;
*) val="$define" ;;
esac
set d_newsadm
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_newsadm.U
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?RCS:
?MAKE:d_unordered: Inlibc
?MAKE: -pick add $@ %<
?S:d_unordered:
?S: This variable conditionally defines the HAS_UNORDERED symbol, which
?S: indicates to the C program that the unordered() routine is available.
```

```
?S:.
?C:HAS_UNORDERED:
?C: This symbol, if defined, indicates that the unordered routine is
?C: available to check whether two doubles are unordered
?C: (effectively: whether either of them is NaN)
?C:.
?H:#$d_unordered HAS_UNORDERED  /**/
?H:.
?LINT:set d_unordered
: see if unordered exists
set unordered d_unordered
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_unordered.U
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: libpth.U,v $
?RCS: Revision 3.0.1.6  1997/02/28  16:08:49  ram
?RCS: patch61: new loclibpth variable
?RCS:
?RCS: Revision 3.0.1.5  1995/01/11  15:31:30  ram
?RCS: patch45: call ./mips instead of just mips (WED)
?RCS:
?RCS: Revision 3.0.1.4  1994/08/29  16:29:15  ram
?RCS: patch32: added /lib/pa1.1 for HP-UX specially tuned PA-RISC libs (ADO)
?RCS: patch32: fixed information message, making it clearer (ADO)
?RCS:
?RCS: Revision 3.0.1.3  1994/06/20  07:03:54  ram
?RCS: patch30: added /usr/shlib to
 glibpth for shared-only libraries
?RCS:
?RCS: Revision 3.0.1.2  1994/05/13  15:26:57  ram
?RCS: patch27: fixed a typo (libpth -> glibpth)
?RCS:
?RCS: Revision 3.0.1.1  1994/05/06  15:07:53  ram
?RCS: patch23: now asks for library directories to be searched (ADO)
```

```
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:02  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit initializes the path for C library lookup.
?X:
?MAKE:libpth glibpth xlibpth plibpth loclibpth: \
 usrinc incpath test cat Myread Oldconfig
?MAKE: -pick add $@ %<
?S:libpth:
?S: This variable holds the general path (space-separated) used to find
?S: libraries. It is intended to be used by other units.
?S:.
?S:glibpth:
?S: This variable holds the general path (space-separated) used to
?S: find libraries.  It may contain directories that do not exist on
?S: this platform, libpth is the cleaned-up version.
?S:.
?S:xlibpth:
?S: This variable holds extra path (space-separated) used to find
?S: libraries on this platform,
 for example CPU-specific libraries
?S: (on multi-CPU platforms) may be listed here.
?S:.
?S:loclibpth:
?S: This variable holds the paths (space-separated) used to find local
?S: libraries.  It is prepended to libpth, and is intended to be easily
?S: set from the command line.
?S:.
?S:plibpth:
?S: Holds the private path used by Configure to find out the libraries.
?S: Its value is prepend to libpth. This variable takes care of special
?S: machines, like the mips.  Usually, it should be empty.
?S:.
?T: xxx dlist
?LINT:use usrinc
?INIT:: change the next line if compiling for Xenix/286 on Xenix/386
?INIT:xlibpth='/usr/lib/386 /lib/386'
?INIT:: Possible local library directories to search.
?INIT:loclibpth="/usr/local/lib /opt/local/lib /usr/gnu/lib"
?INIT:loclibpth="$loclibpth /opt/gnu/lib /usr/GNU/lib /opt/GNU/lib"
?INIT:
?INIT:: general looking path for locating libraries
?INIT:glibpth="/lib /usr/lib $xlibpth"
?INIT:glibpth="$glibpth /usr/ccs/lib /usr/ucblib /usr/local/lib"
?X: /shlib
```

```
 is for Digital Unix 4.0
?X: /usr/shlib is for OSF/1 systems.
?INIT:test -f /usr/shlib/libc.so && glibpth="/usr/shlib $glibpth"
?INIT:test -f /shlib/libc.so     && glibpth="/shlib $glibpth"
?INIT:
?INIT:: Private path used by Configure to find libraries.  Its value
?INIT:: is prepended to libpth. This variable takes care of special
?INIT:: machines, like the mips.  Usually, it should be empty.
?INIT:plibpth=''
?INIT:
: Set private lib path
case "$plibpth" in
'') if ./mips; then
?X: on mips, we DO NOT want /lib, and we want $incpath/usr/lib
  plibpth="$incpath/usr/lib /usr/local/lib /usr/ccs/lib"
 fi;;
esac
case "$libpth" in
' ') dlist='';;
'') dlist="$loclibpth $plibpth $glibpth";;
*) dlist="$libpth";;
esac

: Now check and see which directories actually exist, avoiding duplicates
libpth=''
for xxx in $dlist
do
   if $test -d $xxx; then
  case " $libpth " in
  *" $xxx "*) ;;
  *) libpth="$libpth $xxx";;
  esac
   fi
done
$cat <<'EOM'

Some systems have incompatible or broken versions
 of libraries.  Among
the directories listed in the question below, please remove any you
know not to be holding relevant libraries, and add any that are needed.
Say "none" for none.

EOM
case "$libpth" in
'') dflt='none';;
*)
?X: strip leading space
 set X $libpth
```

```
 shift
 dflt=${1+"$@"}
 ;;
esac
rp="Directories to use for library searches?"
. ./myread
case "$ans" in
none) libpth=' ';;
*) libpth="$ans";;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/libpth.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_dlopen.U,v $
?RCS: Revision 3.0.1.2  1995/07/25  13:52:56  ram
?RCS: patch56: force compile-link test since symbol might lie in crt0.o (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/08/29  16:07:34  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_dlopen: Inlibc runnm
?MAKE: -pick add $@ %<
?S:d_dlopen:
?S: This variable conditionally defines the HAS_DLOPEN symbol, which
?S: indicates to the C program that the dlopen() routine
 is available.
?S:.
?C:HAS_DLOPEN :
?C: This symbol, if defined, indicates that the dlopen routine is
?C: available.
?C:.
?H:#$d_dlopen HAS_DLOPEN  /**/
?H:.
```

```
?T: xxx_runnm
?LINT:set d_dlopen
?X: We don't permanently change runnm, but we do temporarily.
?LINT: change runnm
: see if dlopen exists
?X: On NetBSD and FreeBSD, dlopen is available, but it is in
?X: /usr/lib/crt0.o, not in any of the libraries.  Therefore, do not
?X: use the nm extraction, but use a real compile and link test instead.
xxx_runnm="$runnm"
runnm=false
set dlopen d_dlopen
eval $inlibc
runnm="$xxx_runnm"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_dlopen.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: man3dir.U,v 3.1 1999/07/08 20:52:19 doughera Exp doughera $
?RCS:
?RCS: Copyright (c) 1996-1999, Andy Dougherty
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: man3dir.U,v $
?RCS: Revision 3.1  1999/07/08 20:52:19  doughera
?RCS: Updated for perl5.005_5x
?RCS:
?RCS: Revision 3.0.1.1  1997/02/28  16:10:34  ram
?RCS: patch61: created
?RCS:
?X: This was originally specific to perl5.  Since perl5 has man pages that
?X: go in both man1/ and man3/ directories, we need both man1dir
?X: and man3dir.  This unit is basically dist's mansrc.U with
?X: man3 used instead
 of man everywhere.
?X: I then added various tests because perl5 has *lots* of man3
?X: pages with long file names. -- ADO
?X:
?MAKE:man3dir man3direxp man3ext installman3dir: cat nroff Loc Oldconfig \
 sed man1dir spackage package Getfile Setprefixvar Prefixit Prefixup \
 d_flexfnam privlib Myread test
```

```
?MAKE: -pick add $@ %<
?Y:TOP
?D:man3dir=''
?S:man3dir:
?S: This variable contains the name of the directory in which manual
?S: source pages are to be put.  It is the responsibility of the
?S: Makefile.SH to get the value of this into the proper command.
?S: You must be prepared to do the ~name expansion yourself.
?S:.
?D:man3direxp=''
?S:man3direxp:
?S: This variable is the same as the man3dir variable, but is filename
?S: expanded at configuration time, for convenient use in makefiles.
?S:.
?D:installman3dir=''
?S:installman3dir:
?S: This variable is really the same as man3direxp, unless you are using
?S: AFS in which case it points to the read/write location whereas
?S: man3direxp only
 points to the read-only access location. For extra
?S: portability, you should only use this variable within your makefiles.
?S:.
?S:man3ext:
?S: This variable contains the extension that the manual page should
?S: have: one of 'n', 'l', or '3'.  The Makefile must supply the '.'.
?S: See man3dir.
?S:.
?T:prog tdflt
?LINT:change prefixvar
?LINT:set man3direxp
: determine where library module manual pages go
set man3dir man3dir none
eval $prefixit
$cat <<EOM

$spackage has manual pages for many of the library modules.
EOM

case "$nroff" in
nroff)
 $cat <<'EOM'
However, you don't have nroff, so they're probably useless to you.
EOM
 case "$man3dir" in
 '') man3dir="none";;
 esac;;
esac
```

```
case "$d_flexfnam" in
undef)
 $cat <<'EOM'
However, your system can't handle the long file names like File::Basename.3.
EOM
 case "$man3dir" in
 ") man3dir="none";;
 esac;;
esac

echo "If you don't want the manual sources installed, answer 'none'."
?X: In 5.005_57 and earlier, I had the following notes:
?X:
 We do not use /usr/local/man/man3 because some man programs will
?X: only show the /usr/local/man/man3 contents, and not the system ones,
?X: thus man less will show the perl module less.pm, but not the system
?X: less command.  We might also conflict with Tcl man pages.
?X: However, something like /opt/perl/man/man3 is fine.
?X:
?X: However, opinion seems to be shifting such that 'man POSIX' ought
?X: to just work.  -- Andy Dougherty  July 8, 1999
?X:
?X: remove any trailing -3.0 or other version indication from $package
prog=`echo $package | $sed 's/-*[0-9.]*$//'`
case "$man3dir" in
") dflt=`echo "$man1dir" | $sed -e 's/man1/man3/g' -e 's/man\.1/man\.3/g'`
 if $test -d "$privlib/man/man3"; then
  cat <<EOM >&4

WARNING:  Previous versions of perl installed man3 pages into
$privlib/man/man3.  This version will suggest a
new default of $dflt.
EOM
  tdflt=$dflt
  dflt='n'
  rp='Do you wish to preserve the old behavior?(y/n)'
  . ./myread
  case "$ans" in
  y*) dflt="$privlib/man/man3"
 ;;
  *)  dflt=$tdflt ;;
  esac
   fi
 ;;
*) dflt="$man3dir" ;;
esac
case "$dflt" in
' ') dflt=none ;;
```

```
esac
echo " "
fn=dn+~
rp="Where do the $package library man pages (source) go?"
. ./getfile
prefixvar=man3dir
. ./setprefixvar

case "$man3dir" in
") man3dir=' '
 installman3dir=";;
esac

: What suffix to use on installed man pages
case "$man3dir" in
' ')
 man3ext='0'
 ;;
*)
 rp="What suffix should be used for the $package library man pages?"
 case "$man3ext" in
 ") case "$man3dir" in
  *3)  dflt=3 ;;
  *3p) dflt=3p ;;
  *3pm) dflt=3pm ;;
  *l) dflt=l;;
  *n) dflt=n;;
  *o) dflt=o;;
  *p) dflt=p;;
  *C) dflt=C;;
  *L) dflt=L;;
  *L3) dflt=L3;;
  *) dflt=3;;
  esac
  ;;
 *) dflt="$man3ext";;
 esac
 . ./myread
 man3ext="$ans"
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/man3dir.U
No license file was found, but licenses were detected in source scan.

?RCS: Id

```
?RCS:
?RCS: Copyright (c) 1996, Andy Dougherty
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: man1dir.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  16:10:29  ram
?RCS: patch61: created
?RCS:
?X:
?X: This was originally specific to perl5.  Since perl5 has man pages that
?X: go in both man1/ and man3/ directories, we need both man1dir
?X: and man3dir.  This unit is basically dist's mansrc.U with
?X: man1 used instead of man everywhere.
?X:
?MAKE:man1dir man1direxp man1ext installman1dir: afs cat nroff Loc Oldconfig \
 spackage test Getfile Prefixit prefixexp
 Prefixup sysman Myread
?MAKE: -pick add $@ %<
?Y:TOP
?S:man1dir:
?S: This variable contains the name of the directory in which manual
?S: source pages are to be put.  It is the responsibility of the
?S: Makefile.SH to get the value of this into the proper command.
?S: You must be prepared to do the ~name expansion yourself.
?S:.
?S:man1direxp:
?S: This variable is the same as the man1dir variable, but is filename
?S: expanded at configuration time, for convenient use in makefiles.
?S:.
?S:installman1dir:
?S: This variable is really the same as man1direxp, unless you are using
?S: AFS in which case it points to the read/write location whereas
?S: man1direxp only points to the read-only access location. For extra
?S: portability, you should only use this variable within your makefiles.
?S:.
?S:man1ext:
?S: This variable contains the extension that the manual page should
?S: have: one of 'n', 'l', or '1'.  The Makefile must supply the '.'.
?S: See man1dir.
?S:.
?T:lookpath
: determine
```

```
 where manual pages go
set man1dir man1dir none
eval $prefixit
$cat <<EOM

$spackage has manual pages available in source form.
EOM
case "$nroff" in
nroff)
 echo "However, you don't have nroff, so they're probably useless to you."
 case "$man1dir" in
 ") man1dir="none";;
 esac;;
esac
echo "If you don't want the manual sources installed, answer 'none'."
case "$man1dir" in
' ') dflt=none
 ;;
")
 lookpath="$prefixexp/man/man1 $prefixexp/man/l_man/man1"
 lookpath="$lookpath $prefixexp/man/p_man/man1"
 lookpath="$lookpath $prefixexp/man/u_man/man1"
 lookpath="$lookpath $prefixexp/man/man.1"
?X: Experience has shown people expect man1dir to be under prefix,
?X: so we now always put it there.  Users who want other behavior
?X: can answer interactively or use a command line option.
?X: Does user have System V-style man paths.
 case "$sysman" in
 */?_man*) dflt=`./loc . $prefixexp/l_man/man1 $lookpath` ;;
 *) dflt=`./loc . $prefixexp/man/man1 $lookpath` ;;
 esac
 set dflt
 eval $prefixup
 ;;
*)
  dflt="$man1dir"
 ;;
esac
echo " "
fn=dn+~
rp="Where do the main $spackage manual pages (source) go?"
. ./getfile
if $test "X$man1direxp" != "X$ansexp"; then
 installman1dir="
fi
man1dir="$ans"
man1direxp="$ansexp"
case "$man1dir" in
```

```
") man1dir=' '
 installman1dir="";;
esac
if $afs; then
 $cat <<EOM

Since you are running AFS, I need to distinguish the directory in which
manual pages reside from the directory in which they are installed (and from
which they are presumably copied to the former directory by occult means).

EOM
 case "$installman1dir" in
 ") dflt=`echo $man1direxp | sed 's#^/afs/#/afs/.#'`;;
 *) dflt="$installman1dir";;
 esac
 fn=de~
 rp='Where will man pages be installed?'
 . ./getfile
 installman1dir="$ans"
else
 installman1dir="$man1direxp"
fi

: What suffix to use on installed man pages

case "$man1dir" in
' ')
 man1ext='0'
 ;;
*)
 rp="What suffix should be used for the main $spackage man pages?"
 case "$man1ext" in
 ") case "$man1dir" in
  *1)  dflt=1 ;;
  *1p)
 dflt=1p ;;
  *1pm) dflt=1pm ;;
  *l) dflt=l;;
  *n) dflt=n;;
  *o) dflt=o;;
  *p) dflt=p;;
  *C) dflt=C;;
  *L) dflt=L;;
  *L1) dflt=L1;;
  *) dflt=1;;
  esac
  ;;
 *) dflt="$man1ext";;
```

```
 esac
 . ./myread
 man1ext="$ans"
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/man1dir.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_normsig.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_normsig.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  15:37:03  ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  16:14:48  ram
?RCS: patch36: call ./bsd explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0  1993/08/18  12:06:44  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_normsig jobslib: test Setvar Guess _a
?MAKE: -pick add $@ %<
?S:d_normsig:
?S: This variable conditionally
 defines the NORMSIG symbol, which
?S: indicates to the C program that the normal signal handling routines
?S: should be used, as opposed to the ones in 4.1bsd (sigset, etc.).
?S:.
?S:jobslib:
?S: This variable holds the argument to be passed to the loader to include
?S: the strange signal handling routines from 4.1bsd.  On systems that
?S: have NORMSIG defined this variable is null.
?S:.
?C:NORMSIG:
?C: This symbol, if defined, indicates that normal signal handling routines
?C: should be used, as opposed to the ones in 4.1bsd (sigset, etc.).
?C:.
```

```
?H:#$d_normsig NORMSIG  /**/
?H:.
?LINT:set d_normsig
: see if we need -ljobs and if we have sigset, etc.
echo " "
if $test -r /usr/lib/libjobs$_a || $test -r /usr/local/lib/libjobs$_a ; then
 echo "Jobs library found." >&4
 val="$undef"
 jobslib='-ljobs'
else
 if ./bsd; then
  echo "No jobs library found. (I suppose this is at least 4.2...)" >&4
 else
  echo "No jobs library found. (That's okay, we all have our faults.)" >&4
 fi
 val="$define"
 jobslib=''
fi
set
 d_normsig
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_normsig.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_hypot: Inlibc
?MAKE: -pick add $@ %<
?S:d_hypot:
?S: This variable conditionally defines HAS_HYPOT if hypot is available
?S: for numerically stable hypotenuse function.
?S:.
?C:HAS_HYPOT:
?C: This symbol, if defined, indicates that the hypot routine is
?C: available to do the hypotenuse function.
?C:.
?H:#$d_hypot HAS_HYPOT  /**/
?H:.
?LINT:set d_hypot
: see if hypot exists
set hypot d_hypot
eval $inlibc
```

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_hypot.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_systwgcf.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_systwgcf.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:39  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_systwgcf: Inhdr
?MAKE: -pick add $@ %<
?S:i_systwgcf:
?S: This variable conditionally defines the I_SYS_TWG_CF symbol, and
?S: indicates whether a C program should include sys/twg_config.h.
?S:.
?C:I_SYS_TWG_CF:
?C: This symbol, if defined, indicates to the C program that it should
?C: include sys/twg_config.h.
?C:.
?H:#$i_systwgcf
 I_SYS_TWG_CF /**/
?H:.
?LINT:set i_systwgcf
: see if this is a sys/twg_config.h system
set sys/twg_config.h i_systwgcf
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_systwgcf.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_sitecustomize.U,v $
?RCS:
?RCS: Copyright (c) 2005-2006 H.Merijn Brand
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
```

```
?RCS: $Log: d_sitecustomize.U,v $
?RCS:
?MAKE:usesitecustomize: Oldconfig Setvar
?MAKE: -pick add $@ %<
?S:usesitecustomize:
?S: This variable is set to true when the user requires a mechanism that
?S: allows the sysadmin to add entries to @INC at runtime.  This variable
?S: being set, makes perl run '$sitelib/sitecustomize.pl' at startup.
?S:.
?C:USE_SITECUSTOMIZE:
?C: This symbol, if defined, indicates that sitecustomize should
?C: be used.
?C:.
?H:?%<:@if USE_SITECUSTOMIZE
?H:?%<:#ifndef USE_SITECUSTOMIZE
?H:?%<:#$usesitecustomize USE_SITECUSTOMIZE  /**/
?H:?%<:#endif
?H:?%<:@end
?H:.
: Check if site customization support was requested
case "$usesitecustomize" in
   $define|true|[Yy]*)
 usesitecustomize="$define"
 ;;
    *)
 usesitecustomize="$undef"
 ;;
   esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_sitecustomize.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_sigblock.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_sigblock.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:21  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
```

```
?MAKE:d_sigblock: Inlibc
?MAKE: -pick add $@ %<
?S:d_sigblock:
?S: This variable conditionally defines HAS_SIGBLOCK if sigblock() is
?S: available to block signal reception.
?S:.
?C:HAS_SIGBLOCK:
?C: This symbol, if defined, indicates that the sigblock routine is
?C: available to block signal reception.
?C:.
?H:#$d_sigblock HAS_SIGBLOCK /**/
?H:.
?LINT:set
 d_sigblock
: see if sigblock exists
set sigblock d_sigblock
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_sigblock.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_semget.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_semget.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:05  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_semget: Inlibc
?MAKE: -pick add $@ %<
?S:d_semget:
?S: This variable conditionally defines the HAS_SEMGET symbol, which
?S: indicates to the C program that the semget() routine is available.
?S:.
?C:HAS_SEMGET:
?C: This symbol, if defined, indicates that the semget() routine is
?C: available to get a set of semaphores.
?C:.
?H:#$d_semget
```

```
 HAS_SEMGET /**/
?H:.
?LINT:set d_semget
: see if semget exists
set semget d_semget
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_semget.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: cppstdin.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: cppstdin.U,v $
?RCS: Revision 3.0.1.4  1994/10/29  16:08:34  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0.1.3  1994/01/24  14:05:38  ram
?RCS: patch16: comment for CPPLAST was missing
?RCS:
?RCS: Revision 3.0.1.2  1993/12/15  08:18:58  ram
?RCS: patch15: new variables cpprun and cpplast, guaranteed wrapper-free
?RCS: patch15: cppstdin now tries to use cc, even at the cost of a wrapper
?RCS:
?RCS: Revision 3.0.1.1
  1993/08/25  14:00:53  ram
?RCS: patch6: remove wrapper when not actually used
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:38  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:cppstdin cppminus cpprun cpplast: contains test \
 Myread Oldconfig Loc cpp +cc rm hint osname gccversion
?MAKE: -pick add $@ %<
?S:cppstdin:
?S: This variable contains the command which will invoke the C
?S: preprocessor on standard input and put the output to stdout.
?S: It is primarily used by other Configure units that ask about
?S: preprocessor symbols.
```

```
?S:.
?S:cppminus:
?S: This variable contains the second part of the string which will invoke
?S: the C preprocessor on the standard input and produce to standard
?S: output.  This variable will have the value "-" if cppstdin needs
?S: a minus to specify standard input, otherwise the value is "".
?S:.
?S:cpprun:
?S: This variable contains the command which will invoke a C preprocessor
?S: on standard input and put the output to stdout. It is guaranteed
 not
?S: to be a wrapper and may be a null string if no preprocessor can be
?S: made directly available. This preprocessor might be different from the
?S: one used by the C compiler. Don't forget to append cpplast after the
?S: preprocessor options.
?S:.
?S:cpplast:
?S: This variable has the same functionality as cppminus, only it applies
?S: to cpprun and not cppstdin.
?S:.
?C:CPPSTDIN:
?C: This symbol contains the first part of the string which will invoke
?C: the C preprocessor on the standard input and produce to standard
?C: output.  Typical value of "cc -E" or "/lib/cpp", but it can also
?C: call a wrapper. See CPPRUN.
?C:.
?C:CPPMINUS:
?C: This symbol contains the second part of the string which will invoke
?C: the C preprocessor on the standard input and produce to standard
?C: output.  This symbol will have the value "-" if CPPSTDIN needs a minus
?C: to specify standard input, otherwise the value is "".
?C:.
?C:CPPRUN:
?C: This symbol contains the string which will invoke
 a C preprocessor on
?C: the standard input and produce to standard output. It needs to end
?C: with CPPLAST, after all other preprocessor flags have been specified.
?C: The main difference with CPPSTDIN is that this program will never be a
?C: pointer to a shell wrapper, i.e. it will be empty if no preprocessor is
?C: available directly to the user. Note that it may well be different from
?C: the preprocessor used to compile the C program.
?C:.
?C:CPPLAST:
?C: This symbol is intended to be used along with CPPRUN in the same manner
?C: symbol CPPMINUS is used with CPPSTDIN. It contains either "-" or "".
?C:.
?H:#define CPPSTDIN "$cppstdin"
?H:#define CPPMINUS "$cppminus"
```

```
?H:#define CPPRUN "$cpprun"
?H:#define CPPLAST "$cpplast"
?H:.
?F:cppstdin !testcpp.out !testcpp.c
?T:wrapper x_cpp x_minus ok
?LINT:extern cppflags
: see how we invoke the C preprocessor
echo " "
echo "Now, how can we feed standard input to your C preprocessor..." >&4
cat <<'EOT' >testcpp.c
#define ABC abc
#define
 XYZ xyz
ABC.XYZ
EOT
cd ..
if test ! -f cppstdin; then
 if test "X$osname" = "Xaix" -a "X$gccversion" = X; then
  # AIX cc -E doesn't show the absolute headerfile
  # locations but we'll cheat by using the -M flag.
  echo 'cat >.$$.c; rm -f .$$.u; "'"$cc"' ${1+"$@"} -M -c .$$.c 2>/dev/null; test -s .$$.u && awk '"'"'$2 ~ /\.h$/ { print
"# 0 \""$2"\"" }'"'" .$$.u; rm -f .$$.o .$$.u; "'"$cc"' -E ${1+"$@"} .$$.c; rm .$$.c' > cppstdin
 else
  echo 'cat >.$$.c; "'"$cc $cppflags"' -E ${1+"$@"} .$$.c; rm .$$.c' >cppstdin
 fi
else
 echo "Keeping your $hint cppstdin wrapper."
fi
chmod 755 cppstdin
wrapper=`pwd`/cppstdin
ok='false'
cd UU

?X:
?X: We'll run the cpp tests again if we don't have any valid C preprocessor
?X: yet or don't know how to proceed without a wrapper (in which case cpprun
?X: is empty and that's really annoying...)
?X:
if $test "X$cppstdin" != "X" && \
 $cppstdin $cppminus <testcpp.c >testcpp.out 2>&1 && \
 $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1
then
 echo "You used
 to use $cppstdin $cppminus so we'll use that again."
 case "$cpprun" in
 ") echo "But let's see if we can live without a wrapper..." ;;
 *)
  if $cpprun $cpplast <testcpp.c >testcpp.out 2>&1 && \
```

```
   $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1
  then
   echo "(And we'll use $cpprun $cpplast to preprocess directly.)"
   ok='true'
  else
   echo "(However, $cpprun $cpplast does not work, let's see...)"
  fi
  ;;
 esac
else
 case "$cppstdin" in
 '') ;;
 *)
  echo "Good old $cppstdin $cppminus does not seem to be of any help..."
  ;;
 esac
fi

if $ok; then
 : nothing
elif echo 'Maybe """$cc"' -E" will work...'; \
 $cc -E <testcpp.c >testcpp.out 2>&1; \
 $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
 echo "Yup, it does."
 x_cpp="$cc $cppflags -E"
 x_minus='';
elif echo 'Nope...maybe """$cc"' -E -" will work...'; \
 $cc -E - <testcpp.c >testcpp.out 2>&1; \
 $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
 echo "Yup, it does."
 x_cpp="$cc $cppflags -E"
 x_minus='-';
elif
 echo 'Nope...maybe """$cc"' -P" will work...'; \
 $cc -P <testcpp.c >testcpp.out 2>&1; \
 $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
 echo "Yipee, that works!"
 x_cpp="$cc $cppflags -P"
 x_minus='';
elif echo 'Nope...maybe """$cc"' -P -" will work...'; \
 $cc -P - <testcpp.c >testcpp.out 2>&1; \
 $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
 echo "At long last!"
 x_cpp="$cc $cppflags -P"
 x_minus='-';
elif echo 'No such luck, maybe "$cpp" will work...'; \
 $cpp <testcpp.c >testcpp.out 2>&1; \
 $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
```

```
 echo "It works!"
 x_cpp="$cpp $cppflags"
 x_minus="";
elif echo 'Nixed again...maybe "$cpp' -" will work...'; \
 $cpp - <testcpp.c >testcpp.out 2>&1; \
 $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
 echo "Hooray, it works!  I was beginning to wonder."
 x_cpp="$cpp $cppflags"
 x_minus='-';
elif echo 'Uh-uh.  Time to get fancy.  Trying a wrapper...'; \
 $wrapper <testcpp.c >testcpp.out 2>&1; \
 $contains
 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
 x_cpp="$wrapper"
 x_minus=''
 echo "Eureka!"
else
 dflt=''
 rp="No dice.  I can't find a C preprocessor.  Name one:"
 . ./myread
 x_cpp="$ans"
 x_minus=''
 $x_cpp <testcpp.c >testcpp.out 2>&1
 if $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
  echo "OK, that will do." >&4
 else
echo "Sorry, I can't get that to work.  Go find one and rerun Configure." >&4
  exit 1
 fi
fi

case "$ok" in
false)
 cppstdin="$x_cpp"
 cppminus="$x_minus"
 cpprun="$x_cpp"
 cpplast="$x_minus"
?X:
?X: If /lib/cpp is used, try using a wrapper to increase our chances to have
?X: the C compiler and our $cppstdin agree on the same symbols... However,
?X: since cpprun is guaranteed not to be a wrapper, we must clear it if the
?X: only preprocessor we found was a wrapper, with all our luck...
?X:
 set X $x_cpp
 shift
 case "$1" in
 "$cpp")
  echo "Perhaps can we force $cc -E using a wrapper..."
```

```
  if $wrapper <testcpp.c >testcpp.out 2>&1; \
   $contains 'abc.*xyz'
 testcpp.out >/dev/null 2>&1
  then
   echo "Yup, we can."
   cppstdin="$wrapper"
   cppminus=";
  else
   echo "Nope, we'll have to live without it..."
  fi
  ;;
 esac
 case "$cpprun" in
 "$wrapper")
  cpprun="
  cpplast="
  ;;
 esac
 ;;
esac

case "$cppstdin" in
"$wrapper"|'cppstdin') ;;
*) $rm -f $wrapper;;
esac
$rm -f testcpp.c testcpp.out
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/cppstdin.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_flock.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_flock.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:05  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_flock: Inlibc
?MAKE: -pick add $@ %<
```

```
?S:d_flock:
?S: This variable conditionally defines HAS_FLOCK if flock() is
?S: available to do file locking.
?S:.
?C:HAS_FLOCK (FLOCK):
?C: This symbol, if defined, indicates that the flock routine is
?C: available to do file locking.
?C:.
?H:#$d_flock HAS_FLOCK  /**/
?H:.
?LINT:set d_flock
: see
 if flock exists
set flock d_flock
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_flock.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_pathconf.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_pathconf.U,v $
?RCS: Revision 3.0.1.1  1994/10/29  16:14:54  ram
?RCS: patch36: created by ADO
?RCS:
?MAKE:d_pathconf d_fpathconf: Inlibc
?MAKE: -pick add $@ %<
?S:d_pathconf:
?S: This variable conditionally defines the HAS_PATHCONF symbol, which
?S: indicates to the C program that the pathconf() routine is available
?S: to determine file-system related limits and options
 associated
?S: with a given filename.
?S:.
?S:d_fpathconf:
?S: This variable conditionally defines the HAS_FPATHCONF symbol, which
```

```
?S: indicates to the C program that the pathconf() routine is available
?S: to determine file-system related limits and options associated
?S: with a given open file descriptor.
?S:.
?C:HAS_PATHCONF:
?C: This symbol, if defined, indicates that pathconf() is available
?C: to determine file-system related limits and options associated
?C: with a given filename.
?C:.
?C:HAS_FPATHCONF:
?C: This symbol, if defined, indicates that pathconf() is available
?C: to determine file-system related limits and options associated
?C: with a given open file descriptor.
?C:.
?H:#$d_pathconf HAS_PATHCONF  /**/
?H:#$d_fpathconf HAS_FPATHCONF  /**/
?H:.
?LINT:set d_pathconf
?LINT:set d_fpathconf
: see if pathconf exists
set pathconf d_pathconf
eval $inlibc

@if d_fpathconf || HAS_FPATHCONF
: see if fpathconf exists
set fpathconf d_fpathconf
eval $inlibc

@end
```

Found in path(s):
*
/opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_pathconf.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_time.U,v 3.0 1993/08/18 12:08:45 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: i_time.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:45  ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit finds which "time" include to use. If 'timezone' is used by the
?X: program, we also try to find which header should be included. Eventually,
?X: we look for <sys/select.h> if I_SYSSELECT is used, to get struct timeval.
?X:
?MAKE:i_time i_systime i_systimek timeincl d_tm_tm_zone d_tm_tm_gmtoff: \
 Compile cat \
 contains rm_try echo n
 c +i_sysselct Findhdr Hasfield i_stdlib
?MAKE: -pick add $@ %<
?S:i_time:
?S: This variable unconditionally defines I_TIME, which indicates
?S: to the C program that it should include <time.h>.
?S:.
?S:i_systime:
?S: This variable conditionally defines I_SYS_TIME, which indicates
?S: to the C program that it should include <sys/time.h>.
?S:.
?S:i_systimek:
?S: This variable conditionally defines I_SYS_TIME_KERNEL, which
?S: indicates to the C program that it should include <sys/time.h>
?S: with KERNEL defined.
?S:.
?S:timeincl:
?S: This variable holds the full path of the included time header(s).
?S:.
?S:d_tm_tm_zone:
?S: This variable conditionally defines HAS_TM_TM_ZONE, which indicates
?S: indicates to the C program that the struct tm has the tm_zone field.
?S:.
?S:d_tm_tm_gmtoff:
?S: This variable conditionally defines HAS_TM_TM_GMTOFF, which indicates
?S: indicates to the C program that the struct tm has the tm_gmtoff field.
?S:.
?C:I_TIME (USE_TIME_H):
?C: This symbol is always defined,
 and indicates to the C program that
?C: it should include <time.h>.
?C:.
?C:I_SYS_TIME (I_SYSTIME USE_SYS_TIME_H NO_TIME_WITH_SYS_TIME):
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/time.h>.
?C:.
?C:I_SYS_TIME_KERNEL (I_SYSTIMEKERNEL):
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/time.h> with KERNEL defined.
```

```
?C:.
?C:HAS_TM_TM_ZONE:
?C: This symbol, if defined, indicates to the C program that
?C: the struct tm has a tm_zone field.
?C:.
?C:HAS_TM_TM_GMTOFF:
?C: This symbol, if defined, indicates to the C program that
?C: the struct tm has a tm_gmtoff field.
?C:.
?H:#$i_time I_TIME  /**/
?H:#$i_systime I_SYS_TIME  /**/
?H:#$i_systimek I_SYS_TIME_KERNEL  /**/
?H:#$d_tm_tm_zone HAS_TM_TM_ZONE  /**/
?H:#$d_tm_tm_gmtoff HAS_TM_TM_GMTOFF  /**/
?H:.
?W::timezone
?T:xselect flags sysselect s_timeval s_timezone
?LINT:change i_sysselct
?LINT:set d_tm_tm_zone
?LINT:set d_tm_tm_gmtoff
: see if we should include
 sys/time.h
echo " "
i_time='define'
if test "X$timeincl" = X; then
 echo "Testing to see if we should include <sys/time.h>." >&4
 $echo $n "I'm now running the test program...$c"
 $cat >try.c <<EOCP
#include <sys/types.h>
#include <time.h>
#ifdef I_SYSTIME
#ifdef SYSTIMEKERNEL
#define KERNEL
#endif
#include <sys/time.h>
#endif
#ifdef I_SYSSELECT
#include <sys/select.h>
#endif
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
int main()
{
 struct tm foo;
#ifdef S_TIMEVAL
 struct timeval bar;
```

```
#endif
#ifdef S_TIMEZONE
 struct timezone tzp;
#endif
 if (foo.tm_sec == foo.tm_sec)
  exit(0);
#ifdef S_TIMEVAL
 if (bar.tv_sec == bar.tv_sec)
  exit(0);
#endif
 exit(1);
}
EOCP
 flags=''
@if I_SYSSELECT
 if $contains 'timeval.*{' `./findhdr sys/select.h` >/dev/null 2>&1; then
  xselect='-DI_SYSSELECT'
 else
  xselect=''
 fi
@end
@if timezone
 for s_timezone in '-DS_TIMEZONE' ''; do
@else
 s_timezone=''
@end
?X: Every package is given a try with 'struct timeval'
@if I_SYSSELECT
 for
 sysselect in $xselect ''; do
@else
 sysselect=''
@end
 for s_timeval in '-DS_TIMEVAL' ''; do
 for i_systimek in '' '-DSYSTIMEKERNEL'; do
 for i_systime in '-DI_SYSTIME' ''; do
  case "$flags" in
  '') $echo $n ".$c"
   set try $i_systime $i_systimek $sysselect $s_timeval $s_timezone
   if eval $compile; then
    set X $i_systime $i_systimek $sysselect $s_timeval
    shift
    flags="$*"
    echo ' '
    $echo $n "Succeeded with $flags$c"
   fi
   ;;
  esac
```

```
 done
 done
 done
@if I_SYSSELECT
 done
@end
@if timezone
 done
@end
 timeincl=''
 echo " "
 case "$flags" in
 *SYSTIMEKERNEL*) i_systimek="$define"
  timeincl=`./findhdr sys/time.h`
  echo "We'll include <sys/time.h> with KERNEL defined." >&4;;
 *) i_systimek="$undef";;
 esac
 case "$flags" in
 *I_SYSTIME*) i_systime="$define"
  timeincl=`./findhdr sys/time.h`" $timeincl"
  echo "We'll include <sys/time.h>." >&4;;
 *) i_systime="$undef";;
 esac
@if I_SYSSELECT
 case "$flags" in
 *I_SYSSELECT*) i_sysselct="$define"
  timeincl=`./findhdr
 sys/select.h`" $timeincl"
  echo "We'll also include <sys/select.h> to get struct timeval." >&4;;
 *) case "$i_sysselct" in
  '') i_sysselct="$undef";;
  esac
 esac
@end
 $rm_try
fi
: see if struct tm knows about tm_zone
case "$i_systime$i_time" in
*$define*)
	echo " "
	echo "Checking to see if your struct tm has tm_zone field..." >&4
	set d_tm_tm_zone tm tm_zone $i_systime sys/time.h $i_time time.h
	eval $hasfield
	;;
*)	val="$undef"
	set d_tm_tm_zone
	eval $setvar
	;;
```

```
esac
case "$d_tm_tm_zone" in
"$define")      echo "Yes, it does."   ;;
*)              echo "No, it doesn't." ;;
esac
: see if struct tm knows about tm_gmtoff
case "$i_systime$i_time" in
*$define*)
        echo " "
        echo "Checking to see if your struct tm has tm_gmtoff field..." >&4
        set d_tm_tm_gmtoff tm tm_gmtoff $i_systime sys/time.h $i_time time.h
        eval $hasfield
        ;;
*)      val="$undef"
        set d_tm_tm_gmtoff

  eval $setvar
        ;;
esac
case "$d_tm_tm_gmtoff" in
"$define")      echo "Yes, it does."   ;;
*)              echo "No, it doesn't." ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/i_time.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Tr.U,v $
?RCS: Revision 3.0.1.2  1994/10/29  18:00:54  ram
?RCS: patch43: forgot to quote $@ to protect against "evil" characters
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  15:58:35  ram
?RCS: patch36: created
?RCS:
?X:
?X: This unit produces a bit of shell code that must be dotted in in order
```

```
?X: to do a character translation. It catches translations to uppercase or
?X: to lowercase, and then invokes the real tr to perform the job.
?X:
?X: This unit is necessary on HP machines (HP strikes again!)
 with non-ascii
?X: ROMAN8-charset, where normal letters are not arranged in a row, so a-z
?X: covers not the whole alphabet but lots of special chars. This was reported
?X: by Andreas Sahlbach <a.sahlbach@tu-bs.de>.
?X:
?X: Units performing a tr '[A-Z]' '[a-z]' or the other way round should include
?X: us in their dependency and use ./tr instead.
?X:
?MAKE:Tr: startsh tr eunicefix
?MAKE: -pick add $@ %<
?F:./tr
?T:up low LC_ALL
: see whether [:lower:] and [:upper:] are supported character classes
echo " "
case "`echo AbyZ | LC_ALL=C $tr '[:lower:]' '[:upper:]' 2>/dev/null`" in
ABYZ)
 echo "Good, your tr supports [:lower:] and [:upper:] to convert case." >&4
 up='[:upper:]'
 low='[:lower:]'
 ;;
*) # There is a discontinuity in EBCDIC between 'I' and 'J'
       # (0xc9 and 0xd1), therefore that is a nice testing point.
       if test "X$up" = X -o "X$low" = X; then
     case "`echo IJ | LC_ALL=C $tr '[I-J]' '[i-j]' 2>/dev/null`" in
     ij) up='[A-Z]'
         low='[a-z]'
  ;;

 esac
       fi
 if test "X$up" = X -o "X$low" = X; then
     case "`echo IJ | LC_ALL=C $tr I-J i-j 2>/dev/null`" in
     ij) up='A-Z'
  low='a-z'
  ;;
     esac
       fi
 if test "X$up" = X -o "X$low" = X; then
     case "`echo IJ | od -x 2>/dev/null`" in
     *C9D1*|*c9d1*)
  echo "Hey, this might be EBCDIC." >&4
  if test "X$up" = X -o "X$low" = X; then
      case "`echo IJ | \
    LC_ALL=C $tr '[A-IJ-RS-Z]' '[a-ij-rs-z]' 2>/dev/null`" in
```

```
      ij) up='[A-IJ-RS-Z]'
          low='[a-ij-rs-z]'
    ;;
      esac
  fi
  if test "X$up" = X -o "X$low" = X; then
      case "`echo IJ | LC_ALL=C $tr A-IJ-RS-Z a-ij-rs-z 2>/dev/null`" in
      ij) up='A-IJ-RS-Z'
          low='a-ij-rs-z'
    ;;
      esac
  fi
  ;;
     esac
 fi
esac
case "`echo IJ | LC_ALL=C $tr \"$up\" \"$low\" 2>/dev/null`" in
ij)
   echo "Using $up and $low to convert case." >&4
   ;;
*)
   echo "I don't know how to translate letters from upper to lower case." >&4
   echo "Your tr is not acting any way I know of." >&4
    exit 1
   ;;
esac
: set up the translation script tr, must be called with ./tr of course
cat >tr <<EOSC
$startsh
case "\$1\$2" in
'[A-Z][a-z]') LC_ALL=C exec $tr '$up' '$low';;
'[a-z][A-Z]') LC_ALL=C exec $tr '$low' '$up';;
esac
LC_ALL=C exec $tr "\$@"
EOSC
chmod +x tr
$eunicefix tr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Tr.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: scriptdir.U,v $
?RCS: Revision 3.0.1.3  1995/09/25  09:17:15  ram
?RCS: patch59: unit is now forced to the top of Configure, if possible
?RCS:
?RCS: Revision 3.0.1.2  1995/01/30  14:46:13  ram
?RCS: patch49: can now handle installation prefix changes (from WED)
?RCS:
?RCS: Revision 3.0.1.1  1994/08/29  16:32:04  ram
?RCS: patch32: now uses installation prefix
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:45  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:scriptdir scriptdirexp installscript:
 afs cat test Getfile Loc \
 Oldconfig +bin Prefixit prefixexp Prefixup
?MAKE: -pick add $@ %<
?Y:TOP
?S:scriptdir:
?S: This variable holds the name of the directory in which the user wants
?S: to put publicly scripts for the package in question.  It is either
?S: the same directory as for binaries, or a special one that can be
?S: mounted across different architectures, like /usr/share. Programs
?S: must be prepared to deal with ~name expansion.
?S:.
?S:scriptdirexp:
?S: This variable is the same as scriptdir, but is filename expanded
?S: at configuration time, for programs not wanting to bother with it.
?S:.
?S:installscript:
?S: This variable is usually the same as scriptdirexp, unless you are on
?S: a system running AFS, in which case they may differ slightly. You
?S: should always use this variable within your makefiles for portability.
?S:.
?C:SCRIPTDIR:
?C: This symbol holds the name of the directory in which the user wants
?C: to put publicly executable scripts for the
 package in question.  It
?C: is often a directory that is mounted across diverse architectures.
?C: Programs must be prepared to deal with ~name expansion.
?C:.
?C:SCRIPTDIR_EXP:
?C: This is the same as SCRIPTDIR, but is filename expanded at
```

```
?C: configuration time, for use in programs not prepared to do
?C: ~name substitutions at run-time.
?C:.
?H:#define SCRIPTDIR "$scriptdir" /**/
?H:#define SCRIPTDIR_EXP "$scriptdirexp" /**/
?H:.
: determine where public executable scripts go
set scriptdir scriptdir
eval $prefixit
case "$scriptdir" in
")
 dflt="$bin"
 : guess some guesses
 $test -d /usr/share/scripts && dflt=/usr/share/scripts
 $test -d /usr/share/bin && dflt=/usr/share/bin
 $test -d /usr/local/script && dflt=/usr/local/script
 $test -d $prefixexp/script && dflt=$prefixexp/script
 set dflt
 eval $prefixup
 ;;
*)  dflt="$scriptdir"
 ;;
esac
$cat <<EOM

Some installations have a separate directory just for executable scripts so
that they can mount it across multiple architectures but
 keep the scripts in
one spot.  You might, for example, have a subdirectory of /usr/share for this.
Or you might just lump your scripts in with all your other executables.

EOM
fn=d~
rp='Where do you keep publicly executable scripts?'
. ./getfile
if $test "X$ansexp" != "X$scriptdirexp"; then
 installscript=''
fi
scriptdir="$ans"
scriptdirexp="$ansexp"
if $afs; then
 $cat <<EOM

Since you are running AFS, I need to distinguish the directory in which
scripts reside from the directory in which they are installed (and from
which they are presumably copied to the former directory by occult means).

EOM
```

```
 case "$installscript" in
 ") dflt=`echo $scriptdirexp | sed 's#^/afs/#/afs/.#'`;;
 *) dflt="$installscript";;
 esac
 fn=de~
 rp='Where will public scripts be installed?'
 . ./getfile
 installscript="$ans"
else
 installscript="$scriptdirexp"
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/scriptdir.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_ieeefp.U,v $
?RCS:
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_ieeefp: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_ieeefp:
?S: This variable conditionally defines the I_IEEEFP symbol, and indicates
?S: whether a C program should include <ieeefp.h>.
?S:.
?C:I_IEEEFP:
?C: This symbol, if defined, indicates that <ieeefp.h> exists and
?C: should be included.
?C:.
?H:#$i_ieeefp I_IEEEFP  /**/
?H:.
?LINT:set i_ieeefp
: see if this is a ieeefp.h system
case "$i_ieeefp" in
" ) set ieeefp.h i_ieeefp
    eval $inhdr
    ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_ieeefp.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getwd.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_getwd.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:18  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_getwd: Csym Setvar
?MAKE: -pick add $@ %<
?S:d_getwd:
?S: This variable conditionally defines HAS_GETWD if getwd() is
?S: available to get working directory. If not, you should
?S: probably use getcwd().
?S:.
?C:HAS_GETWD (GETWD):
?C: This symbol, if defined, indicates that the getwd routine is
?C: available to get working directory.
 If not, you should
?C: probably use getcwd().
?C:.
?H:#$d_getwd HAS_GETWD  /**/
?H:.
?LINT:set d_getwd
: see if getwd exists
echo " "
if set getwd val -f d_getwd; eval $csym; $val; then
 echo 'getwd() found.' >&4
 val="$define"
else
 echo 'getwd() not found. Assuming getcwd() exists.' >&4
 val="$undef"
fi
set d_getwd
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_getwd.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_flexfnam.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_flexfnam.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:04  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_flexfnam: cat rm test Setvar
?MAKE: -pick add $@ %<
?S:d_flexfnam:
?S: This variable conditionally defines the FLEXFILENAMES symbol, which
?S: indicates that the system supports filenames longer than 14 characters.
?S:.
?C:FLEXFILENAMES:
?C: This symbol, if defined, indicates that the system supports filenames
?C: longer than 14
 characters.
?C:.
?H:#$d_flexfnam FLEXFILENAMES  /**/
?H:.
?T:first
?LINT:set d_flexfnam
: see if we can have long filenames
echo " "
?X:
?X: We have to test in both /tmp and . because of NFS (remote server may allow
?X: long filenames while the local filesystem cannot support them). If at least
?X: one of those file systems cannot support long filenames, then we assume the
?X: whole system can't.
?X:
first=123456789abcdef
$rm -f $first
if (echo hi >$first) 2>/dev/null; then
 if $test -f 123456789abcde; then
  echo 'You cannot have filenames longer than 14 characters.  Sigh.' >&4
  val="$undef"
 else
  echo 'You can have filenames longer than 14 characters.'>&4
  val="$define"
```

```
 fi
else
 $cat <<'EOM'
You can't have filenames longer than 14 chars.
You can't even think about them!
EOM
 val="$undef"
fi
set d_flexfnam
eval $setvar
$rm -rf 123456789abcde*
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_flexfnam.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_msgget.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_msgget.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:39  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_msgget: Inlibc
?MAKE: -pick add $@ %<
?S:d_msgget:
?S: This variable conditionally defines the HAS_MSGGET symbol, which
?S: indicates to the C program that the msgget() routine is available.
?S:.
?C:HAS_MSGGET:
?C: This symbol, if defined, indicates that the msgget() routine is
?C: available to get a new message queue.
?C:.
?H:#$d_msgget
 HAS_MSGGET  /**/
?H:.
?LINT:set d_msgget
: see if msgget exists
set msgget d_msgget
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_msgget.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: otherlibdirs.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera $
?RCS:
?RCS: Copyright (c) 1999-2000, Andy Dougherty
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: otherlibdirs.U,v $
?RCS: Revision 1.1  1999/07/08 18:32:57  doughera
?RCS: Initial revision
?RCS:
?RCS: Revision 1.1  1999/07/08 18:20:26  doughera
?RCS: Initial revision
?RCS:
?RCS:
?MAKE:otherlibdirs d_perl_otherlibdirs: Myread cat sitelib sitearch \
 vendorarch vendorlib Setvar
?MAKE: -pick add $@ %<
?Y:TOP
?S:otherlibdirs:
?S: This variable contains a colon-separated set of paths for the perl
?S: binary to search for additional library files
 or modules.
?S: These directories will be tacked to the end of @INC.
?S: Perl will automatically search below each path for version-
?S: and architecture-specific directories.  See inc_version_list
?S: for more details.
?S: A value of ' ' means 'none' and is used to preserve this value
?S: for the next run through Configure.
?S:.
?S:d_perl_otherlibdirs:
?S: This variable conditionally defines PERL_OTHERLIBDIRS, which
?S: contains a colon-separated set of paths for the perl binary to
?S: include in @INC.  See also otherlibdirs.
?S:.
?C:PERL_OTHERLIBDIRS:
?C: This variable contains a colon-separated set of paths for the perl
?C: binary to search for additional library files or modules.
?C: These directories will be tacked to the end of @INC.
```

```
?C: Perl will automatically search below each path for version-
?C: and architecture-specific directories.  See PERL_INC_VERSION_LIST
?C: for more details.
?C:.
?H:#$d_perl_otherlibdirs PERL_OTHERLIBDIRS "$otherlibdirs"  /**/
?H:.
?LINT: set d_perl_otherlibdirs
:
 Final catch-all directories to search
$cat <<EOM

Lastly, you can have perl look in other directories for extensions and
modules in addition to those already specified.
These directories will be searched after
 $sitearch
 $sitelib
EOM
test X"$vendorlib" != "X" && echo ' ' $vendorlib
test X"$vendorarch" != "X" && echo ' ' $vendorarch
echo ' '
case "$otherlibdirs" in
"|' ') dflt='none' ;;
*) dflt="$otherlibdirs" ;;
esac
$cat <<EOM
Enter a colon-separated set of extra paths to include in perl's @INC
search path, or enter 'none' for no extra paths.

EOM

rp='Colon-separated list of additional directories for perl to search?'
. ./myread
case "$ans" in
' '|''|none) otherlibdirs=' ' ;;
*) otherlibdirs="$ans" ;;
esac
case "$otherlibdirs" in
' ') val=$undef ;;
*) val=$define ;;
esac
set d_perl_otherlibdirs
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/otherlibdirs.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_memcmp.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_memcmp.U,v $
?RCS: Revision 3.0.1.1  1993/09/13  16:02:35  ram
?RCS: patch10: removed text recommending bcmp over memcmp (WAD)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:06:33  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_memcmp: Inlibc
?MAKE: -pick add $@ %<
?S:d_memcmp:
?S: This variable conditionally defines the HAS_MEMCMP symbol, which
?S: indicates to the C program that the memcmp() routine is available
?S: to compare blocks of
 memory.
?S:.
?C:HAS_MEMCMP (MEMCMP):
?C: This symbol, if defined, indicates that the memcmp routine is available
?C: to compare blocks of memory.
?C:.
?H:#$d_memcmp HAS_MEMCMP /**/
?H:.
?LINT:set d_memcmp
: see if memcmp exists
set memcmp d_memcmp
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_memcmp.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Options.U,v $
?RCS: Revision 3.0.1.7  1997/02/28  15:08:15  ram
?RCS: patch61: optdef.sh now starts with a "startsh"
?RCS: patch61: moved some code from Head.U
?RCS:
?RCS: Revision 3.0.1.6  1995/09/25  09:14:46  ram
?RCS: patch59: protected option parsing code against 'echo -*' option failure
?RCS:
?RCS: Revision 3.0.1.5  1995/05/12  12:04:52  ram
?RCS: patch54: added -K option for experts
?RCS:
?RCS: Revision 3.0.1.4  1995/01/30  14:27:52  ram
?RCS: patch49: this unit now exports file optdef.sh,
 not a variable
?RCS:
?RCS: Revision 3.0.1.3  1995/01/11  15:19:00  ram
?RCS: patch45: new -O option allowing -D and -U to override config.sh settings
?RCS: patch45: file optdef.sh is no longer removed after sourcing
?RCS:
?RCS: Revision 3.0.1.2  1994/10/29  15:58:06  ram
?RCS: patch36: ensure option definition file is removed before appending
?RCS: patch36: protect variable definitions with spaces in them
?RCS:
?RCS: Revision 3.0.1.1  1994/06/20  06:55:44  ram
?RCS: patch30: now uses new me symbol to tag error messages
?RCS: patch30: new -D and -U options to define/undef symbols (JHI)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:14  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: Command line parsing. It is really important that the variables used here
?X: be not listed in the MAKE line, or they will be saved in config.sh and
?X: loading this file to fetch default answers would clobber the values set
?X: herein.
?X:
?MAKE:Options: startsh
?MAKE: -pick wipe $@ %<
?V:reuseval
 alldone error realsilent silent extractsh fastread \
 override knowitall: config_sh
?T:arg argn symbol config_arg0 config_args config_argc xxx yyy zzz uuu
?T:args_exp args_sep arg_exp
?F:!Configure
?F:./optdef.sh ./cmdline.opt ./posthint.sh ./cmdl.opt
```

```
: Save command line options in file UU/cmdline.opt for later use in
: generating config.sh.
?X: This temporary file will be read by Oldsym.U.  I used a temporary
?X: file to preserve all sorts of potential command line quotes and
?X: also because we don't know in advance how many variables we'll
?X: need, so I can't actually declare them on the MAKE line.
?X: The config_args variable won't be quite correct if Configure is
?X: fed something like    ./Configure -Dcc="gcc -B/usr/ccs/bin/"
?X: since the quotes are gone by the time we see them.  You'd have to
?X: reconstruct the command line from the config_arg? lines, but since
?X: I don't imagine anyone actually having to do that, I'm not going
?X: to worry too much.
cat > cmdline.opt
 <<EOSH
: Configure command line arguments.
config_arg0='$0'
config_args='$*'
config_argc=$#
EOSH
argn=1
args_exp=''
args_sep=''
for arg in "$@"; do
 cat >>cmdline.opt <<EOSH
config_arg$argn='$arg'
EOSH
?X: Extreme backslashitis: replace each ' by '''''
 cat <<EOC | sed -e "s/'/'''''''''''''''/g" > cmdl.opt
$arg
EOC
 arg_exp=`cat cmdl.opt`
 args_exp="$args_exp$args_sep'$arg_exp'"
 argn=`expr $argn + 1`
 args_sep=' '
done
?X: args_exp is good for restarting self: eval "set X $args_exp"; shift; $0 "$@"
?X: used by hints/os2.sh in Perl, for instance
rm -f cmdl.opt

: produce awk script to parse command line options
cat >options.awk <<'EOF'
BEGIN {
 optstr = "A:dD:eEf:hKOrsSU:V"; # getopt-style specification

 len = length(optstr);
 for (i = 1; i <= len; i++) {
  c = substr(optstr, i, 1);
?X: some older awk's do not have the C ?: construct
```

```
  if (i < len) a = substr(optstr, i + 1, 1); else a = "";
  if (a == ":") {
   arg[c] = 1;
   i++;
  }
  opt[c] = 1;
 }
}
{
 expect = 0;
 str = $0;
 if (substr(str,
 1, 1) != "-") {
  printf("'%s'\n", str);
  next;
 }
 len = length($0);
 for (i = 2; i <= len; i++) {
  c = substr(str, i, 1);
  if (!opt[c]) {
   printf("-%s\n", substr(str, i));
   next;
  }
  printf("-%s\n", c);
  if (arg[c]) {
   if (i < len)
    printf("'%s'\n", substr(str, i + 1));
   else
    expect = 1;
   next;
  }
 }
}
END {
 if (expect)
  print "?";
}
EOF

: process the command line options
?X: Use "$@" to keep arguments with spaces in them from being split apart.
?X: For the same reason, awk will output quoted arguments and the final eval
?X: removes them and sets a proper $* array. An 'X' is prependend to each
?X: argument before being fed to echo to guard against 'echo -x', where -x
?X: would be understood as an echo option! It is removed before feeding awk.
set X `for arg in "$@"; do echo "X$arg"; done |
 sed -e s/X// | awk -f options.awk`
eval "set $*"
```

```
shift
rm -f options.awk

: set up default values
fastread=''
reuseval=false
config_sh=''
alldone=''
error=''
silent=''
extractsh=''
override=''
knowitall=''
rm
 -f optdef.sh posthint.sh
cat >optdef.sh <<EOS
$startsh
EOS

?X:
?X: Given that we now have the possibility to execute Configure remotely
?X: thanks to the new src.U support, we have to face the possibility
?X: of having to ask where the source lie, which means we need the Myread.U
?X: stuff and possibly other things that might echo something on the
?X: screen...
?X:
?X: That's not pretty, and might be confusing in 99% of the time. So...
?X: We introduce a new realsilent variable which is set when -s is given,
?X: and we force silent=true if -S is supplied. The Extractall.U unit
?X: will then undo the >&4 redirection based on the value of the
?X: realsilent variable... -- RAM, 18/93/96
?X:

: option parsing
while test $# -gt 0; do
 case "$1" in
 -d) shift; fastread=yes;;
 -e) shift; alldone=cont;;
 -f)
  shift
  cd ..
  if test -r "$1"; then
   config_sh="$1"
  else
   echo "$me: cannot read config file $1." >&2
   error=true
  fi
  cd UU
```

```
 shift;;
-h)
shift; error=true;;
-r) shift; reuseval=true;;
-s) shift; silent=true; realsilent=true;;
-E) shift; alldone=exit;;
-K) shift; knowitall=true;;
-O) shift; override=true;;
-S) shift; silent=true; extractsh=true;;
-D)
 shift
 case "$1" in
 *=)
  echo "$me: use '-U symbol=', not '-D symbol='." >&2
  echo "$me: ignoring -D $1" >&2
  ;;
 *=*) echo "$1" | \
   sed -e "s/'/'\''\''/g" -e "s/=\(.*\)/='\1'/" >> optdef.sh;;
 *) echo "$1='define'" >> optdef.sh;;
 esac
 shift
 ;;
-U)
 shift
 case "$1" in
 *=) echo "$1" >> optdef.sh;;
 *=*)
  echo "$me: use '-D symbol=val', not '-U symbol=val'." >&2
  echo "$me: ignoring -U $1" >&2
  ;;
 *) echo "$1='undef'" >> optdef.sh;;
 esac
 shift
 ;;
-A)
    shift
    xxx=''
    yyy="$1"
    zzz=''
    uuu=undef
    case "$yyy" in
          *=*) zzz=`echo "$yyy"|sed 's!=.*!!'`
               case "$zzz" in
               *:*) zzz='' ;;
               *)   xxx=append
                    zzz=" "`echo
"$yyy"|sed 's!^[^=]*=!!'`
                    yyy=`echo "$yyy"|sed 's!=.*!!'` ;;
```

```
            esac
            ;;
        esac
        case "$xxx" in
        ")  case "$yyy" in
            *:*) xxx=`echo "$yyy"|sed 's!:.*!!'`
                yyy=`echo "$yyy"|sed 's!^[^:]*:!!'`
                zzz=`echo "$yyy"|sed 's!^[^=]*=!!'`
                yyy=`echo "$yyy"|sed 's!=.*!!'` ;;
            *)   xxx=`echo "$yyy"|sed 's!:.*!!'`
                yyy=`echo "$yyy"|sed 's!^[^:]*:!!'` ;;
            esac
            ;;
        esac
    case "$xxx" in
    append)
  echo "$yyy=\"\${$yyy}$zzz\"" >> posthint.sh ;;
    clear)
  echo "$yyy=""   >> posthint.sh ;;
    define)
        case "$zzz" in
  ") zzz=define ;;
  esac
  echo "$yyy='$zzz'"  >> posthint.sh ;;
    eval)
  echo "eval \"$yyy=$zzz\"" >> posthint.sh ;;
    prepend)
  echo "$yyy=\"$zzz\${$yyy}\"" >> posthint.sh ;;
    undef)
        case "$zzz" in
  ")
 zzz="$uuu" ;;
  esac
  echo "$yyy=$zzz"  >> posthint.sh ;;
        *)  echo "$me: unknown -A command '$xxx', ignoring -A $1" >&2 ;;
    esac
    shift
    ;;
 -V) echo "$me generated by metaconfig <VERSION> PL<PATCHLEVEL>." >&2
    exit 0;;
 --) break;;
 -*) echo "$me: unknown option $1" >&2; shift; error=true;;
 *) break;;
 esac
done

case "$error" in
true)
```

```
 cat >&2 <<EOM
Usage: $me [-dehrsEKOSV] [-f config.sh] [-D symbol] [-D symbol=value]
            [-U symbol] [-U symbol=] [-A command:symbol...]
 -d : use defaults for all answers.
 -e : go on without questioning past the production of config.sh.
 -f : specify an alternate default configuration file.
 -h : print this help message and exit (with an error status).
 -r : reuse C symbols value if possible (skips costly nm extraction).
 -s : silent mode, only echoes questions and essential information.
 -D : define symbol to have some value:
      -D symbol         symbol gets the value 'define'
      -D symbol=value
   symbol gets the value 'value'
 -E : stop at the end of questions, after having produced config.sh.
 -K : do not use unless you know what you are doing.
 -O : let -D and -U override definitions from loaded configuration file.
 -S : perform variable substitutions on all .SH files (can mix with -f)
 -U : undefine symbol:
      -U symbol    symbol gets the value 'undef'
      -U symbol=   symbol gets completely empty
 -A : manipulate symbol after the platform specific hints have been applied:
  -A symbol=value  append " "value to symbol
  -A append:symbol=value  append value to symbol
  -A define:symbol=value  define symbol to have value
      -A clear:symbol  define symbol to be "
  -A define:symbol  define symbol to be 'define'
  -A eval:symbol=value  define symbol to be eval of value
  -A prepend:symbol=value prepend value to symbol
  -A undef:symbol  define symbol to be 'undef'
  -A undef:symbol=  define symbol to be "
 -V : print version number and exit (with
 a zero status).
EOM
 exit 1
 ;;
esac

?X:
?X: Unless they specified either -S or both -d and -e/E, make sure we're
?X: running interactively, i.e. attached to a terminal. Moved from Head.U to
?X: be able to handle batch configurations...
?X:
?X: We have to hardwire the Configure name and cannot use $me, since if they
?X: said 'sh <Configure', then $me is 'sh'...
?X:
: Sanity checks
case "$fastread$alldone" in
yescont|yesexit) ;;
```

```
*)
 case "$extractsh" in
 true) ;;
 *)
  if test ! -t 0; then
   echo "Say 'sh Configure', not 'sh <Configure'"
   exit 1
  fi
  ;;
 esac
 ;;
esac

?X: In silent mode, the standard output is closed. Questions are asked by
?X: outputing on file descriptor #4, which is the original stdout descriptor.
?X: This filters out all the "junk", since all the needed information is written
?X: on #4. Note that ksh will not let us redirect output if the file descriptor
?X: has not be defined yet, unlike sh, hence the following line...--RAM.
exec 4>&1
case "$silent" in
true)
 exec 1>/dev/null;;
esac

: run the defines and the undefines, if any, but leave the file out there...
touch optdef.sh
. ./optdef.sh
: create the posthint manipulation script and leave the file out there...
?X: this file will be perused by Oldconfig.U
touch posthint.sh
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Options.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setsid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_setsid.U,v $
?RCS: Revision 3.0.1.1  1994/01/24  14:06:49  ram
```

```
?RCS: patch16: created
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:56  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setsid: Inlibc
?MAKE: -pick add $@ %<
?S:d_setsid:
?S: This variable conditionally defines HAS_SETSID if setsid() is
?S: available to set the process group ID.
?S:.
?C:HAS_SETSID:
?C: This symbol, if defined, indicates that the setsid routine is
?C: available
 to set the process group ID.
?C:.
?H:#$d_setsid HAS_SETSID /**/
?H:.
?LINT:set d_setsid
: see if setsid exists
set setsid d_setsid
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setsid.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_endnetent_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_endnetent_r endnetent_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_endnetent_r:
?S: This variable conditionally defines the HAS_ENDNETENT_R symbol,
?S: which indicates to the C program that the endnetent_r()
?S: routine is available.
?S:.
?S:endnetent_r_proto:
?S: This variable encodes the prototype of endnetent_r.
?S: It is zero if d_endnetent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endnetent_r
```

```
?S: is defined.
?S:.
?C:HAS_ENDNETENT_R:
?C: This symbol, if defined, indicates that the endnetent_r routine
?C: is
 available to endnetent re-entrantly.
?C:.
?C:ENDNETENT_R_PROTO:
?C: This symbol encodes the prototype of endnetent_r.
?C: It is zero if d_endnetent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endnetent_r
?C: is defined.
?C:.
?H:#$d_endnetent_r HAS_ENDNETENT_R /**/
?H:#define ENDNETENT_R_PROTO $endnetent_r_proto /**/
?H:.
?T:try hdrs d_endnetent_r_proto
: see if endnetent_r exists
set endnetent_r d_endnetent_r
eval $inlibc
case "$d_endnetent_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
 case "$d_endnetent_r_proto:$usethreads" in
 ":define") d_endnetent_r_proto=define
  set d_endnetent_r_proto endnetent_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_endnetent_r_proto" in
 define)
 case "$endnetent_r_proto" in
 "|0) try='int endnetent_r(struct netent_data*);'
 ./protochk "$extern_C $try" $hdrs && endnetent_r_proto=I_D ;;
 esac
 case "$endnetent_r_proto" in
 "|0) try='void endnetent_r(struct netent_data*);'
 ./protochk
 "$extern_C $try" $hdrs && endnetent_r_proto=V_D ;;
 esac
 case "$endnetent_r_proto" in
 "|0) d_endnetent_r=undef
  endnetent_r_proto=0
  echo "Disabling endnetent_r, cannot determine prototype." >&4 ;;
 * ) case "$endnetent_r_proto" in
  REENTRANT_PROTO*) ;;
  *) endnetent_r_proto="REENTRANT_PROTO_$endnetent_r_proto" ;;
  esac
```

```
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "endnetent_r has no prototype, not using it." >&4 ;;
  esac
  d_endnetent_r=undef
  endnetent_r_proto=0
  ;;
 esac
 ;;
*) endnetent_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_endnetent_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_memmove.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_memmove.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:35  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_memmove: Inlibc
?MAKE: -pick add $@ %<
?S:d_memmove:
?S: This variable conditionally defines the HAS_MEMMOVE symbol, which
?S: indicates to the C program that the memmove() routine is available
?S: to copy potentially overlapping blocks of memory.
?S:.
?C:HAS_MEMMOVE:
?C: This symbol, if defined, indicates that the memmove routine
 is available
?C: to copy potentially overlapping blocks of memory. This should be used
?C: only when HAS_SAFE_BCOPY is not defined. If neither is there, roll your
?C: own version.
?C:.
```

```
?H:#$d_memmove HAS_MEMMOVE /**/
?H:.
?LINT:set d_memmove
: see if memmove exists
set memmove d_memmove
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_memmove.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getgrent_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_getgrent_r getgrent_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_grp extern_C
?MAKE: -pick add $@ %<
?S:d_getgrent_r:
?S: This variable conditionally defines the HAS_GETGRENT_R symbol,
?S: which indicates to the C program that the getgrent_r()
?S: routine is available.
?S:.
?S:getgrent_r_proto:
?S: This variable encodes the prototype of getgrent_r.
?S: It is zero if d_getgrent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getgrent_r
?S: is defined.
?S:.
?C:HAS_GETGRENT_R:
?C: This symbol, if defined, indicates that the getgrent_r routine
?C: is available to
 getgrent re-entrantly.
?C:.
?C:GETGRENT_R_PROTO:
?C: This symbol encodes the prototype of getgrent_r.
?C: It is zero if d_getgrent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getgrent_r
?C: is defined.
?C:.
?H:#$d_getgrent_r HAS_GETGRENT_R /**/
?H:#define GETGRENT_R_PROTO $getgrent_r_proto /**/
?H:.
```

```
?T:try hdrs d_getgrent_r_proto
: see if getgrent_r exists
set getgrent_r d_getgrent_r
eval $inlibc
case "$d_getgrent_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_grp grp.h"
 case "$d_getgrent_r_proto:$usethreads" in
 ":define") d_getgrent_r_proto=define
  set d_getgrent_r_proto getgrent_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_getgrent_r_proto" in
 define)
 case "$getgrent_r_proto" in
 "|0) try='int getgrent_r(struct group*, char*, size_t, struct group**);'
 ./protochk "$extern_C $try" $hdrs && getgrent_r_proto=I_SBWR ;;
 esac
 case "$getgrent_r_proto" in
 "|0) try='int getgrent_r(struct group*, char*, int, struct group**);'
 ./protochk
 "$extern_C $try" $hdrs && getgrent_r_proto=I_SBIR ;;
 esac
 case "$getgrent_r_proto" in
 "|0) try='struct group* getgrent_r(struct group*, char*, size_t);'
 ./protochk "$extern_C $try" $hdrs && getgrent_r_proto=S_SBW ;;
 esac
 case "$getgrent_r_proto" in
 "|0) try='struct group* getgrent_r(struct group*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getgrent_r_proto=S_SBI ;;
 esac
 case "$getgrent_r_proto" in
 "|0) try='int getgrent_r(struct group*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getgrent_r_proto=I_SBI ;;
 esac
 case "$getgrent_r_proto" in
 "|0) try='int getgrent_r(struct group*, char*, int, FILE**);'
 ./protochk "$extern_C $try" $hdrs && getgrent_r_proto=I_SBIH ;;
 esac
 case "$getgrent_r_proto" in
 "|0) d_getgrent_r=undef
  getgrent_r_proto=0
  echo "Disabling getgrent_r, cannot determine prototype." >&4 ;;
 * ) case "$getgrent_r_proto" in
  REENTRANT_PROTO*) ;;
  *) getgrent_r_proto="REENTRANT_PROTO_$getgrent_r_proto" ;;
  esac
```

```
 echo "Prototype:
 $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "getgrent_r has no prototype, not using it." >&4 ;;
  esac
  d_getgrent_r=undef
  getgrent_r_proto=0
  ;;
 esac
 ;;
*) getgrent_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getgrent_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_limits.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_limits.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:20  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_limits: Inhdr
?MAKE: -pick add $@ %<
?S:i_limits:
?S: This variable conditionally defines the I_LIMITS symbol, and indicates
?S: whether a C program may include <limits.h> to get symbols like WORD_BIT
?S: and friends.
?S:.
?C:I_LIMITS:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <limits.h> to
 get definition of symbols like WORD_BIT or
?C: LONG_MAX, i.e. machine dependant limitations.
?C:.
```

```
?H:#$i_limits I_LIMITS  /**/
?H:.
?LINT:set i_limits
: see if this is a limits.h system
set limits.h i_limits
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_limits.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: sh.U,v 3.0.1.1 1997/02/28 16:20:13 ram Exp $
?RCS:
?RCS: Copyright (c) 1997, Chip Salzenberg
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: sh.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  16:20:13  ram
?RCS: patch61: created
?RCS:
?MAKE:sh targetsh: Head
?MAKE: -pick wipe $@ %<
?S:sh:
?S: This variable contains the full pathname of the shell used
?S: on this system to execute Bourne shell scripts.  Usually, this will be
?S: /bin/sh, though it's possible that some systems will have /bin/ksh,
?S: /bin/pdksh, /bin/ash, /bin/bash, or even something such as
?S: D:/bin/sh.exe.
?S: This
 unit comes before Options.U, so you can't set sh with a -D
?S: option, though you can override this (and startsh)
?S: with -O -Dsh=/bin/whatever -Dstartsh=whatever
?S:.
?S:targetsh:
?S: If cross-compiling, this variable contains the location of sh on the
?S: target system.
?S: If not, this will be the same as $sh.
?S:.
?C:SH_PATH:
?C: This symbol contains the full pathname to the shell used on this
?C: on this system to execute Bourne shell scripts.  Usually, this will be
```

```
?C: /bin/sh, though it's possible that some systems will have /bin/ksh,
?C: /bin/pdksh, /bin/ash, /bin/bash, or even something such as
?C: D:/bin/sh.exe.
?C:.
?H:#define SH_PATH "$targetsh"  /**/
?H:.
?T:xxx try pth p SYSTYPE
?LINT:extern maintloc maintname _exe
?X:
?X: Be quiet unless something unusual happens because this gets
?X: loaded up even before options are processed.
?X: Can't use ./loc because that depends on startsh, which, in turn
?X: depends on this unit.
?X:
: Find the basic shell for
 Bourne shell scripts
case "$sh" in
")
?X: SYSTYPE is for some older MIPS systems.
?X: I do not know if it is still needed.
 case "$SYSTYPE" in
 *bsd*|sys5*) xxx="/$SYSTYPE/bin/sh";;
 *) xxx='/bin/sh';;
 esac
 if test -f "$xxx"; then
  sh="$xxx"
 else
  : Build up a list and do a single loop so we can 'break' out.
  pth=`echo $PATH | sed -e "s/$p_/ /g"`
  for xxx in sh bash ksh pdksh ash; do
   for p in $pth; do
    try="$try ${p}/${xxx}"
   done
  done
  for xxx in $try; do
   if test -f "$xxx"; then
    sh="$xxx";
    break
   elif test "X$_exe" != X -a -f "$xxx$_exe"; then
    sh="$xxx";
    break
   elif test -f "$xxx.exe"; then
    sh="$xxx";
    break
   fi
  done
 fi
 ;;
```

```
esac

?X: fd 4 isn't open yet...
case "$sh" in
") cat >&2 <<EOM
$me:  Fatal Error:  I can't find a Bourne Shell anywhere.

Usually it's in /bin/sh.  How did you even get this far?
Please contact me (<$maintname>) at <$maintloc> and
we'll try to straighten this all out.
EOM
 exit 1
 ;;
esac

: When cross-compiling
 we need to separate the sh-to-run-Configure-with from the sh-to-use-in-Perl
: default both to the same thing, cross-compilers can then set targetsh differently if they like
targetsh=$sh
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/sh.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Extractall.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  15:00:43  ram
?RCS: patch61: created
?RCS:
?X:
?X: If extraction has been requested, load the configuration file, perform
?X: the extraction and exit.
?X:
?X: This unit was originally a part of Options.U. It had to be removed from
?X: it to prevent a dependency cycle: Extract -> src -> Options -> Extract
?X: The Begin.U unit now requires us before beginning to do anything
?X: interesting, to ensure proper semantics. -- RAM, 15/03/96
?X:
```

```
?MAKE:Extractall:
 Extract Options
?MAKE: -pick wipe $@ %<
: extract files and exit if asked to do so
case "$extractsh" in
true)
?X: Undo the forced silent=true when -S was supplied, by probing realsilent
?X: which was set iff -s was also given. See Options.U for details.
 case "$realsilent" in
 true) ;;
 *) exec 1>&4;;
 esac
 case "$config_sh" in
 ") config_sh='config.sh';;
 esac
 echo " "
 echo "Fetching answers from $config_sh..."
 cd ..
 . $config_sh
 test "$override" && . ./optdef.sh
 echo " "
?X: extract has to be run from the top directory, not within UU.
 . UU/extract
 rm -rf UU
 echo "Extraction done."
 exit 0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Extractall.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_pread.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_pread.U,v $
?RCS:
?MAKE:d_pread: Inlibc
?MAKE: -pick add $@ %<
```

```
?S:d_pread:
?S: This variable conditionally defines the HAS_PREAD symbol, which
?S: indicates to the C program that the pread() routine is available.
?S:.
?C:HAS_PREAD :
?C: This symbol, if defined, indicates that the pread routine is
?C: available to perform reads on a file descriptor at a given offset.
?C:.
?H:#$d_pread HAS_PREAD  /**/
?H:.
?LINT:set d_pread
: see if pread exists
set
 pread d_pread
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_pread.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_ilogb: Inlibc
?MAKE: -pick add $@ %<
?S:d_ilogb:
?S: This variable conditionally defines the HAS_ILOGB symbol, which
?S: indicates to the C program that the ilogb() routine is available
?S: for extracting the exponent of double x as a signed integer.
?S:.
?C:HAS_ILOGB:
?C: This symbol, if defined, indicates that the ilogb routine is
?C: available to get integer exponent of a floating-point value.
?C:.
?H:#$d_ilogb HAS_ILOGB  /**/
?H:.
?LINT:set d_ilogb
: see if ilogb exists
set ilogb d_ilogb
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_ilogb.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_cbrt.U 1 2006-08-24 12:32:52Z rmanfredi $
```

```
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_cbrt.U,v $
?RCS: Revision 3.0  1993/08/18  12:05:48  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_cbrt: Inlibc
?MAKE: -pick add $@ %<
?S:d_cbrt:
?S: This variable conditionally defines the HAS_CBRT symbol, which
?S: indicates to the C program that the cbrt() (cube root) function
?S: is available.
?S:.
?C:HAS_CBRT (CBRT):
?C: This symbol, if defined, indicates that the cbrt() (cube root)
?C: function is available.
?C:.
?H:#$d_cbrt HAS_CBRT /**/
?H:.
?LINT:set
 d_cbrt
: see if cbrt exists
set cbrt d_cbrt
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_cbrt.U
No license file was found, but licenses were detected in source scan.

```
/*
* $Id: getopt.C,v 3.0.1.1 1994/01/24 13:58:40 ram Exp ram $
*
*  Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
*
*  You may redistribute only under the terms of the Artistic Licence,
*  as specified in the README file that comes with the distribution.
*  You may reuse parts of this distribution only within the terms of
*  that same Artistic Licence; a copy of which may be found at the root
*  of the source tree for dist 4.0.
*
```

```
* Original Author: unknown, got this off net.sources
*
* $Log: getopt.C,v $
* Revision 3.0.1.1  1994/01/24  13:58:40  ram
* patch16: created
*
*/
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/C/fake/getopt.C
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_dlopen.U,v 3.0.1.2 1995/07/25 13:52:56 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_dlopen.U,v $
?RCS: Revision 3.0.1.2  1995/07/25  13:52:56  ram
?RCS: patch56: force compile-link test since symbol might lie in crt0.o (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/08/29  16:07:34  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_dlopen: Inlibc runnm d_cplusplus ccflags gccversion
?MAKE: -pick add $@ %<
?S:d_dlopen:
?S: This variable conditionally defines the HAS_DLOPEN
 symbol, which
?S: indicates to the C program that the dlopen() routine is available.
?S:.
?C:HAS_DLOPEN :
?C: This symbol, if defined, indicates that the dlopen routine is
?C: available.
?C:.
?H:#$d_dlopen HAS_DLOPEN  /**/
?H:.
?T: xxx_runnm
?T: xxx_ccflags
?LINT:set d_dlopen
```

```
?X: We don't permanently change runnm and ccflags, but we do temporarily.
?LINT: change runnm
?LINT: change ccflags
: see if dlopen exists
?X: On NetBSD and FreeBSD, dlopen is available, but it is in
?X: /usr/lib/crt0.o, not in any of the libraries.  Therefore, do not
?X: use the nm extraction, but use a real compile and link test instead.
xxx_runnm="$runnm"
xxx_ccflags="$ccflags"
runnm=false
: with g++ one needs -shared to get is-in-libc to work for dlopen
case "$gccversion" in
") ;;
*Clang*) ;;
*) case "$d_cplusplus" in
 "$define") ccflags="$ccflags -shared" ;;
 esac
 ;;
esac
set dlopen d_dlopen
eval $inlibc
runnm="$xxx_runnm"
ccflags="$xxx_ccflags"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_dlopen.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_round: Inlibc
?MAKE: -pick add $@ %<
?S:d_round:
?S: This variable conditionally defines the HAS_ROUND symbol, which
?S: indicates to the C program that the round() routine is available.
?S:.
?C:HAS_ROUND:
?C: This symbol, if defined, indicates that the round routine is
?C: available to round to nearest integer, away from zero.
?C:.
?H:#$d_round HAS_ROUND  /**/
?H:.
?LINT:set d_round
: see if round exists
set round d_round
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_round.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: sizetype.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:32:10  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:sizetype: Myread Typedef
?MAKE: -pick add $@ %<
?S:sizetype:
?S: This variable defines sizetype to be something like size_t,
?S: unsigned long, or whatever type is used to declare length
?S: parameters for string functions.
?S:.
?C:Size_t:
?C: This symbol holds the type used to declare length parameters
?C: for string
 functions.  It is usually size_t, but may be
?C: unsigned long, int, etc.  It may be necessary to include
?C: <sys/types.h> to get any typedef'ed information.
?C:.
?H:#define Size_t $sizetype  /* length paramater for string functions */
?H:.
: see what type is used for size_t
set size_t sizetype 'unsigned int' stdio.h sys/types.h
eval $typedef
dflt="$sizetype"
echo " "
rp="What type is used for the length parameter for string functions?"
. ./myread
sizetype="$ans"
```

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sizetype.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_getprpwnam: Inlibc
?MAKE: -pick add $@ %<
?S:d_getprpwnam:
?S: This variable conditionally defines HAS_GETPRPWNAM if getprpwnam() is
?S: available to retrieve protected (shadow) password entries by name.
?S:.
?C:HAS_GETPRPWNAM:
?C: This symbol, if defined, indicates that the getprpwnam system call is
?C: available to retrieve protected (shadow) password entries by name.
?C:.
?H:#$d_getprpwnam HAS_GETPRPWNAM  /**/
?H:.
?LINT:set d_getprpwnam
: see if getprpwnam exists
set getprpwnam d_getprpwnam
eval $inlibc
```

Found
 in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getprpwnam.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:usequadmath: Setvar cat uselongdouble
?MAKE: -pick add $@ %<
?S:usequadmath:
?S: This variable conditionally defines the USE_QUADMATH symbol,
?S: and indicates that the quadmath library __float128 long doubles
?S: should be used when available.
?S:.
?C:USE_QUADMATH:
```

```
?C: This symbol, if defined, indicates that the quadmath library should
?C: be used when available.
?C:.
?H:?%<:#ifndef USE_QUADMATH
?H:?%<:#$usequadmath USE_QUADMATH  /**/
?H:?%<:#endif
?H:.
: Check if quadmath is requested
case "$usequadmath" in
"$define"|true|[yY]*) usequadmath="$define" ;;
*)                    usequadmath="$undef"  ;;
esac

: Fail if both uselongdouble and usequadmath are requested
case "$usequadmath:$uselongdouble" in
define:define)
 $cat <<EOM >&4

*** You requested the use of
 the quadmath library and use
*** of long doubles.
***
*** Please select one or the other.
EOM
 exit 1
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/usequadmath.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sfio.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1996, Andy Dougherty
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_sfio.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  15:48:27  ram
?RCS: patch61: created
?RCS:
```

```
?MAKE:i_sfio: Inhdr Setvar
?MAKE: -pick add $@ %<
?S:i_sfio:
?S: This variable conditionally defines the I_SFIO symbol,
?S: and indicates whether a C program should include <sfio.h>.
?S:.
?C:I_SFIO:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sfio.h>.
?C:.
?H:#$i_sfio I_SFIO  /**/
?H:.
?LINT:set
 i_sfio
: see if sfio.h is available
set sfio.h i_sfio
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_sfio.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setpwent_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_setpwent_r setpwent_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_pwd extern_C
?MAKE: -pick add $@ %<
?S:d_setpwent_r:
?S: This variable conditionally defines the HAS_SETPWENT_R symbol,
?S: which indicates to the C program that the setpwent_r()
?S: routine is available.
?S:.
?S:setpwent_r_proto:
?S: This variable encodes the prototype of setpwent_r.
?S: It is zero if d_setpwent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_setpwent_r
?S: is defined.
?S:.
?C:HAS_SETPWENT_R:
?C: This symbol, if defined, indicates that the setpwent_r routine
?C: is available to
```

```
 setpwent re-entrantly.
?C:.
?C:SETPWENT_R_PROTO:
?C: This symbol encodes the prototype of setpwent_r.
?C: It is zero if d_setpwent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_setpwent_r
?C: is defined.
?C:.
?H:#$d_setpwent_r HAS_SETPWENT_R /**/
?H:#define SETPWENT_R_PROTO $setpwent_r_proto /**/
?H:.
?T:try hdrs d_setpwent_r_proto
: see if setpwent_r exists
set setpwent_r d_setpwent_r
eval $inlibc
case "$d_setpwent_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_pwd pwd.h"
 case "$d_setpwent_r_proto:$usethreads" in
 ":define") d_setpwent_r_proto=define
  set d_setpwent_r_proto setpwent_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_setpwent_r_proto" in
 define)
 case "$setpwent_r_proto" in
 "|0) try='int setpwent_r(FILE**);'
 ./protochk "$extern_C $try" $hdrs && setpwent_r_proto=I_H ;;
 esac
 case "$setpwent_r_proto" in
 "|0) try='void setpwent_r(FILE**);'
 ./protochk "$extern_C $try" $hdrs && setpwent_r_proto=V_H ;;
 esac
 case "$setpwent_r_proto"
 in
 "|0) d_setpwent_r=undef
  setpwent_r_proto=0
  echo "Disabling setpwent_r, cannot determine prototype." >&4 ;;
 * ) case "$setpwent_r_proto" in
  REENTRANT_PROTO*) ;;
  *) setpwent_r_proto="REENTRANT_PROTO_$setpwent_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "setpwent_r has no prototype, not using it." >&4 ;;
```

```
  esac
  d_setpwent_r=undef
  setpwent_r_proto=0
  ;;
 esac
 ;;
*) setpwent_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_setpwent_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_lrintl: Inlibc
?MAKE: -pick add $@ %<
?S:d_lrintl:
?S: This variable conditionally defines the HAS_LRINTL symbol, which
?S: indicates to the C program that the lrintl() routine is available
?S: to return the integral value closest to a long double (according
?S: to the current rounding mode).
?S:.
?C:HAS_LRINTL:
?C: This symbol, if defined, indicates that the lrintl routine is
?C: available to return the integral value closest to a long double
?C: (according to the current rounding mode).
?C:.
?H:#$d_lrintl HAS_LRINTL  /**/
?H:.
?LINT:set d_lrintl
: see if lrintl exists
set lrintl d_lrintl
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_lrintl.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Myread.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
```

```
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Myread.U,v $
?RCS: Revision 3.0.1.6  1997/02/28  15:05:39  ram
?RCS: patch61: myread script now starts with a "startsh"
?RCS: patch61: miscellaneous fixes
?RCS:
?RCS: Revision 3.0.1.5  1995/01/11  15:14:22  ram
?RCS: patch45: added & escape allowing user to turn on -d from the prompt
?RCS:
?RCS: Revision 3.0.1.4  1994/10/31  09:48:04  ram
?RCS: patch44: added Options to the MAKE line since it's no longer in Init.U
?RCS:
?RCS: Revision 3.0.1.3  1994/10/29
  15:56:20  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0.1.2  1993/08/30  08:57:59  ram
?RCS: patch8: added new visible 'nostick' symbol, mainly for Finish.U
?RCS:
?RCS: Revision 3.0.1.1  1993/08/27  14:39:20  ram
?RCS: patch7: now sticks to the question when no default and empty answer
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:08  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit produces a bit of shell code that must be dotted in in order
?X: to do a read.  It allows for shell escapes, default assignment and
?X: parameter evaluation.
?X:
?X: To use this unit, $rp and $dflt must hold the question and the
?X: default answer. The question will be printed by the script itself.
?X: Neither $rp nor $dflt is altered by the script.
?X:
?X: The myread script will stick to the question if no default is proposed
?X: and the user answer is empty, which prevents mistakes. However, at the
?X: end of Configure, there is an exception
 to this rule (Finish.U) where we
?X: set nostick to a non-empty value to allow the Return key to play its role!
?X:
?MAKE:Myread: Options startsh n c trnl
?MAKE: -pick add $@ %<
?V:ans:dflt rp nostick
?F:./myread
```

```
?T:COLUMNS xxxm rp dflt answ aok myecho
?LINT:change fastread
?X: Some shells (Ultrix) do not understand ${COLUMNS:-80}, sigh!
: compute the number of columns on the terminal for proper question formatting
case "$COLUMNS" in
") COLUMNS='80';;
esac

: set up the echo used in my read
?X:
?X: This variable is intended to be eval'ed. It will echo the two
?X: variables $rp and $dflt (provided this latter has a non null value).
?X: It is mainly used by the myread script to echo the questions.
?X:
?X: The $n and $c below are substituted before Loc does its silly echo check
?X: so don't put a $ on the echo below so we get builtin, even if $echo is
?X: pointing to /bin/echo.
?X:
myecho="case \"\$xxxm\" in
") echo $n \"\$rp $c\" >&4;;
*) case \"\$rp\" in
 ") echo $n \"[\$xxxm] $c\";;
 *)
  if
 test \`echo \"\$rp [\$xxxm]  \" | wc -c\` -ge $COLUMNS; then
   echo \"\$rp\" >&4
   echo $n \"[\$xxxm] $c\" >&4
  else
   echo $n \"\$rp [\$xxxm] $c\" >&4
  fi
  ;;
 esac;;
esac"

: now set up to do reads with possible shell escape and default assignment
cat <<EOSC >myread
$startsh
?X:
?X: Save value of default -- do not alter original in case of eval
?X:
xxxm=\$dflt
$myecho
?X:
?X: If there is no default, then stop, regardless of the value in fastread.
?X: In silent mode, no new-line is to be echoed if the question is empty,
?X: since this is used to wait for the "return" key.
?X:
ans='!'
```

```
case "\$fastread" in
yes) case "\$dflt" in
 ") ;;
 *) ans=";
  case "\$silent-\$rp" in
  true-) ;;
  *) echo " " >&4;;
  esac;;
 esac;;
*) case "\$silent" in
 true) case "\$rp" in
  ") ans=";;
  esac;;
 esac;;
esac
while expr "X\$ans" : "X!" >/dev/null; do
 read answ
?X:
?X: Run 'eval' on the answer, in order to do variable substitution, in case
?X: the user types $HOME or $WHATEVER.
 Variables must be evaluated now.
?X: Typing '\$HOME' won't currently prevent from substitution -- use '\\$HOME'
?X: The $1 .. $9 and $*, as well as $@, are available to refer to the
?X: default value.
?X:
 set x \$xxxm
 shift
 aok=''; eval "ans=\\"\$answ\\"" && aok=y
 case  "\$answ" in
?X:
?X: Use "!" and not a plain ! because of a bug in BSD 4.4 shell
?X: (reported by Wayne Davison)
?X: We must handle the shell escapes before dealing with possible variable
?X: substitution, since the shell we're launching in that case will be able
?X: to do it as well as we can -- RAM, 15/03/96
?X
 "!")
  sh 1>&4
  echo " "
  $myecho
  ;;
 !*)
  set x \`expr "X\$ans" : "X!\(.*\)\$"\`
  shift
  sh 1>&4 -c "\$*"
  echo " "
  $myecho
  ;;
```

```
 "\$ans")
  case "\$ans" in
?X:
?X: Answers starting with & are hooks allowing to dynamically turn on/off
?X: some Configure options. That's for the future. -- RAM, 09/01/95
?X: Today, we only recognize '& -d' to mean 'go on as if Configure -d, which
?X: is a hardwired
 behaviour compatible with our general scheme.
?X:
  \\&*)
   set x \`expr "X\$ans" : "X&\(.*\)\$"\`
   shift
   case "\$1" in
   -d)
    fastread=yes
    echo "(OK, I'll run with -d after this question.)" >&4
    ;;
   -*)
    echo "*** Sorry, \$1 not supported yet." >&4
    ;;
   esac
   $myecho
   ans=!
   ;;
  esac;;
 *)
  case "\$aok" in
  y)
   echo "*** Substitution done -- please confirm."
   xxxm="\$ans"
   ans=\`echo $n "\$ans$c" | tr '$trnl' ' '\`
   xxxm="\$ans"
   ans=!
   ;;
  *)
   echo "*** Error -- try again."
   ans=!
   ;;
  esac
  $myecho
  ;;
 esac
?X: Stick in myread if no default answer and nothing was answered
 case "\$ans\$xxxm\$nostick" in
 ")
  ans=!
  $myecho
  ;;
```

```
 esac
done
case "\$ans" in
") ans="\$xxxm";;
esac
EOSC
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Myread.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_sem.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:03  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_sem: test d_semctl d_semget d_semop Setvar Findhdr osname
?MAKE: -pick add $@ %<
?S:d_sem:
?S: This variable conditionally defines the HAS_SEM symbol, which
?S: indicates that the entire sem*(2) library is present.
?S:.
?C:HAS_SEM:
?C: This symbol, if defined, indicates that the entire sem*(2) library is
?C: supported.
?C:.
?H:#$d_sem HAS_SEM  /**/
?H:.
?T:h_sem
?LINT:set d_sem
:
 see how much of the 'sem*(2)' library is present.
h_sem=true
echo " "
case "$d_semctl$d_semget$d_semop" in
*"$undef"*) h_sem=false;;
esac
case "$osname" in
```

```
freebsd)
   case "`ipcs 2>&1`" in
   "SVID messages"*"not configured"*)
 echo "Your $osname does not have the sem*(2) configured." >&4
       h_sem=false
 val="$undef"
 set semctl d_semctl
 eval $setvar
 set semget d_semget
 eval $setvar
 set semop d_semop
 eval $setvar
 ;;
   esac
   ;;
esac
: we could also check for sys/ipc.h ...
if $h_sem && $test `./findhdr sys/sem.h`; then
 echo "You have the full sem*(2) library." >&4
 val="$define"
else
 echo "You don't have the full sem*(2) library." >&4
 val="$undef"
fi
set d_sem
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_sem.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysuio.U,v $
?RCS:
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_sysuio: Inhdr
?MAKE: -pick add $@ %<
?S:i_sysuio:
?S: This variable conditionally defines the I_SYSUIO symbol, and indicates
?S: whether a C program should include <sys/uio.h>.
?S:.
?C:I_SYSUIO:
?C: This symbol, if defined, indicates that <sys/uio.h> exists and
?C: should be included.
```

```
?C:.
?H:#$i_sysuio I_SYSUIO  /**/
?H:.
?LINT:set i_sysuio
: see if this is a sys/uio.h system
set sys/uio.h i_sysuio
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_sysuio.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_endgrent_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_endgrent_r endgrent_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_grp extern_C
?MAKE: -pick add $@ %<
?S:d_endgrent_r:
?S: This variable conditionally defines the HAS_ENDGRENT_R symbol,
?S: which indicates to the C program that the endgrent_r()
?S: routine is available.
?S:.
?S:endgrent_r_proto:
?S: This variable encodes the prototype of endgrent_r.
?S: It is zero if d_endgrent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endgrent_r
?S: is defined.
?S:.
?C:HAS_ENDGRENT_R:
?C: This symbol, if defined, indicates that the endgrent_r routine
?C: is available to
 endgrent re-entrantly.
?C:.
?C:ENDGRENT_R_PROTO:
?C: This symbol encodes the prototype of endgrent_r.
?C: It is zero if d_endgrent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_endgrent_r
?C: is defined.
?C:.
?H:#$d_endgrent_r HAS_ENDGRENT_R /**/
?H:#define ENDGRENT_R_PROTO $endgrent_r_proto /**/
```

```
?H:.
?T:try hdrs d_endgrent_r_proto
: see if endgrent_r exists
set endgrent_r d_endgrent_r
eval $inlibc
case "$d_endgrent_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_grp grp.h"
 case "$d_endgrent_r_proto:$usethreads" in
 ":define") d_endgrent_r_proto=define
  set d_endgrent_r_proto endgrent_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_endgrent_r_proto" in
 define)
 case "$endgrent_r_proto" in
 "|0) try='int endgrent_r(FILE**);'
 ./protochk "$extern_C $try" $hdrs && endgrent_r_proto=I_H ;;
 esac
 case "$endgrent_r_proto" in
 "|0) try='void endgrent_r(FILE**);'
 ./protochk "$extern_C $try" $hdrs && endgrent_r_proto=V_H ;;
 esac
 case "$endgrent_r_proto"
 in
 "|0) d_endgrent_r=undef
  endgrent_r_proto=0
  echo "Disabling endgrent_r, cannot determine prototype." >&4 ;;
 * ) case "$endgrent_r_proto" in
  REENTRANT_PROTO*) ;;
  *) endgrent_r_proto="REENTRANT_PROTO_$endgrent_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "endgrent_r has no prototype, not using it." >&4 ;;
  esac
  d_endgrent_r=undef
  endgrent_r_proto=0
  ;;
 esac
 ;;
*) endgrent_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_endgrent_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: instubperl.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera $
?RCS:
?RCS: Copyright (c) 1999, Jarkko Hietaniemi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:installusrbinperl: installbin cat bin Myread Setvar test Devel
?MAKE: -pick add $@ %<
?LINT:set installusrbinperl
?Y:TOP
?S:installusrbinperl:
?S: This variable tells whether Perl should be installed also as
?S: /usr/bin/perl in addition to
?S: $installbin/perl
?S:.
?C:INSTALL_USR_BIN_PERL:
?C: This symbol, if defined, indicates that Perl is to be installed
?C: also as /usr/bin/perl.
?C:.
?H:#$installusrbinperl INSTALL_USR_BIN_PERL /**/
?H:.
: determine
 whether to install perl also as /usr/bin/perl

echo " "
if $test -d /usr/bin -a "X$installbin" != X/usr/bin; then
 $cat <<EOM
Many scripts expect perl to be installed as /usr/bin/perl.

If you want to, I can install the perl you are about to compile
as /usr/bin/perl (in addition to $bin/perl).
EOM
 if test -f /usr/bin/perl; then
    $cat <<EOM

However, please note that because you already have a /usr/bin/perl,
overwriting that with a new Perl would very probably cause problems.
Therefore I'm assuming you don't want to do that (unless you insist).
```

```
EOM
    case "$installusrbinperl" in
    "$define"|[yY]*) dflt='y';;
    *)   dflt='n';;
    esac
 else
    $cat <<EOM

Since you don't have a /usr/bin/perl I'm assuming creating one is okay.

EOM
    case "$installusrbinperl" in
    "$undef"|[nN]*) dflt='n';;
    *)   dflt='y';;
    esac
 fi
 rp="Do you want to install perl as /usr/bin/perl?"
 . ./myread
 case "$ans" in
 [yY]*) val="$define";;
 *) val="$undef" ;;
 esac
else
 val="$undef"
fi
set
 installusrbinperl
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/instubperl.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_htonl.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_htonl.U,v $
?RCS: Revision 3.0.1.2  1994/08/29  16:09:25  ram
?RCS: patch32: now properly handles htonl() and friends when macros (ADO)
?RCS:
```

```
?RCS: Revision 3.0.1.1  1994/05/06  14:45:00  ram
?RCS: patch23: now also check for htonl() macro (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:06:22  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_htonl: Inlibc Setvar i_niin i_sysin i_arpainet cat rm contains \
 cppstdin cppflags cppminus
?MAKE: -pick
 add $@ %<
?S:d_htonl:
?S: This variable conditionally defines HAS_HTONL if htonl() and its
?S: friends are available to do network order byte swapping.
?S:.
?C:HAS_HTONL (HTONL):
?C: This symbol, if defined, indicates that the htonl() routine (and
?C: friends htons() ntohl() ntohs()) are available to do network
?C: order byte swapping.
?C:.
?C:HAS_HTONS (HTONS):
?C: This symbol, if defined, indicates that the htons() routine (and
?C: friends htonl() ntohl() ntohs()) are available to do network
?C: order byte swapping.
?C:.
?C:HAS_NTOHL (NTOHL):
?C: This symbol, if defined, indicates that the ntohl() routine (and
?C: friends htonl() htons() ntohs()) are available to do network
?C: order byte swapping.
?C:.
?C:HAS_NTOHS (NTOHS):
?C: This symbol, if defined, indicates that the ntohs() routine (and
?C: friends htonl() htons() ntohl()) are available to do network
?C: order byte swapping.
?C:.
?H:#$d_htonl HAS_HTONL  /**/
?H:#$d_htonl HAS_HTONS  /**/
?H:#$d_htonl HAS_NTOHL  /**/
?H:#$d_htonl
 HAS_NTOHS  /**/
?H:.
?F:!htonl.c
?LINT:set d_htonl
: see if htonl --and friends-- exists
val=''
set htonl val
eval $inlibc

: Maybe they are macros.
```

```
case "$val" in
$undef)
 $cat >htonl.c <<EOM
#include <stdio.h>
#include <sys/types.h>
#$i_niin I_NETINET_IN
#$i_sysin I_SYS_IN
#$i_arpainet I_ARPA_INET
#ifdef I_NETINET_IN
#include <netinet/in.h>
#endif
#ifdef I_SYS_IN
#include <sys/in.h>
#endif
#ifdef I_ARPA_INET
#include <arpa/inet.h>
#endif
#ifdef htonl
printf("Defined as a macro.");
#endif
EOM
 $cppstdin $cppflags $cppminus < htonl.c >htonl.E 2>/dev/null
 if $contains 'Defined as a macro' htonl.E >/dev/null 2>&1; then
  val="$define"
  echo "But it seems to be defined as a macro." >&4
 fi
 $rm -f htonl.?
 ;;
esac
set d_htonl
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_htonl.U
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```
?RCS: $Id$
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Config_h.U,v $
```

```
?RCS: Revision 3.0.1.5  1997/02/28  14:57:43  ram
?RCS: patch61: added support for src.U
?RCS:
?RCS: Revision 3.0.1.4  1995/09/25  09:10:49  ram
?RCS: patch59: commented the purpose of the #un-def directive
?RCS:
?RCS: Revision 3.0.1.3  1995/01/30  14:25:39  ram
?RCS: patch49: typo fixes in leading config.h comment (WED)
?RCS:
?RCS: Revision 3.0.1.2  1993/08/24  12:13:20  ram
?RCS: patch3: added TOP as a local shell temporary variable
?RCS:
?RCS: Revision 3.0.1.1  1993/08/19  06:42:20
  ram
?RCS: patch1: leading config.sh searching was not aborting properly
?RCS:
?RCS: Revision 3.0  1993/08/18  12:04:47  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This file ends up producing the config_h.SH script, which is run to produce
?X: the config.h file.  The file ./.Config_h below contains all the ?H: lines
?X: extracted out of all the units.  Metaconfig itself adds the !GROK!THIS!.
?X: Note that this code isn't included into Configure, but must be shipped with.
?X:
?X: For those who wish to know why the file is config_h.SH instead of the more
?X: natural config.h.SH, well... it is to support systems like MS-DOG. Only one
?X: 'dot' is allowed within the file name, as it is part of the "extension" of
?X: the file. MS-DOG will not let you have two 'dots' because that would mean
?X: two "extensions".
?X:
?MAKE:Config_h: Id End Config_sh Obsol_h myuname cf_time cf_by package src
?MAKE: -pick c_h_weed $@ %<
?MAKE: -pick c_h_weed $@ ./Config_h
?MAKE: -pick
 c_h_weed $@ ./Obsol_h
?T:CONFIG TOP
?LINT:unclosed !GROK!THIS!
?LINT:extern CONFIG_H CONFIG_SH
?LINT:change CONFIG_H CONFIG_SH
?LINT:nocomment
case "$CONFIG_SH" in
") CONFIG_SH=config.sh;;
esac
case "$CONFIG_H" in
") CONFIG_H=config.h;;
esac
case $CONFIG in
```

```
")
 if test -f $CONFIG_SH; then TOP=.;
 elif test -f ../$CONFIG_SH; then TOP=..;
 elif test -f ../../$CONFIG_SH; then TOP=../..;
 elif test -f ../../../$CONFIG_SH; then TOP=../../..;
 elif test -f ../../../../$CONFIG_SH; then TOP=../../../..;
 else
  echo "Can't find $CONFIG_SH."; exit 1
 fi
 . $TOP/$CONFIG_SH
 ;;
esac
?X: Make sure we are in the directory where the .SH file is located.
case "$0" in
*/*) cd `expr X$0 : 'X\(.*\)/'` ;;
esac
echo "Extracting $CONFIG_H (with variable substitutions)"
?X:
?X: Since we unconditionally translate leading #undef into /*#define, we're
?X: stuck when we really want to have a #undef in config.h. That's why there
?X: is provision here for #un-def, which is translated back into #undef after
?X:
 all original #undef have been processed.
?X:
?X: Previously, we changed all
?X:  #undef FOO /**/
?X: into
?X:  /*#define FOO /**/
?X: The xlc compiler (available on IBM's AIX) complains that this is
?X: an illegal attempt to write a nested comment, and warns against it.
?X: There's apparently no way to shut the compiler up, either.
?X: This sed command from Hallvard B Furuseth <h.b.furuseth@usit.uio.no>
?X: changes it to
?X:  /*#define FOO / **/
sed <<!GROK!THIS! >$CONFIG_H -e 's!^#undef\(.*/\)\*!/\*#define\1 \*!' -e 's!^#un-def!#undef!'
/*
* This file was produced by running the config_h.SH script, which
* gets its values from $CONFIG_SH, which is generally produced by
* running Configure.
*
* Feel free to modify any of this as the need arises.  Note, however,
* that running config_h.SH again will wipe out any changes you've made.
* For a more permanent change edit $CONFIG_SH and rerun config_h.SH.
*
* \$Id: Config_h.U 1 2006-08-24 12:32:52Z rmanfredi $
*/

/*
```

```
* Package name
     : $package
* Source directory  : $src
* Configuration time: $cf_time
* Configured by     : $cf_by
* Target system     : $myuname
*/

#ifndef _config_h_
#define _config_h_
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Config_h.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Configdir.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Configdir.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  14:58:36  ram
?RCS: patch61: have README explicitly mention the package name
?RCS:
?RCS: Revision 3.0  1993/08/18  12:04:49  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:Configdir: package
?MAKE: -pick add $@ %<
: create .config dir to save info across Configure sessions
test -d ../.config || mkdir ../.config
cat >../.config/README <<EOF
This directory created by Configure to save
 information that should
persist across sessions for $package.

You may safely delete it if you wish.
EOF
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Configdir.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: stdchar.U,v $
?RCS: Revision 3.0  1993/08/18  12:09:52  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:stdchar: contains Findhdr cppstdin cppminus rm
?MAKE: -pick add $@ %<
?S:stdchar:
?S: This variable conditionally defines STDCHAR to be the type of char
?S: used in stdio.h.  It has the values "unsigned char" or "char".
?S:.
?C:STDCHAR:
?C: This symbol is defined to be the type of char used in stdio.h.
?C: It has the values "unsigned char" or "char".
?C:.
?H:#define STDCHAR $stdchar /**/
?H:.
?F:!stdioh
:
 see what type of char stdio uses.
echo " "
?X: untangle the #include nest
echo '#include <stdio.h>' | $cppstdin $cppminus > stdioh
if $contains 'unsigned.*char.*_ptr;' stdioh >/dev/null 2>&1 ; then
 echo "Your stdio uses unsigned chars." >&4
 stdchar="unsigned char"
else
 echo "Your stdio uses signed chars." >&4
 stdchar="char"
fi
$rm -f stdioh
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/stdchar.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_bfd.U,v $
?RCS:
?RCS: Copyright (c) 2014 H.Merijn Brand
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_bfd: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_bfd:
?S: This variable conditionally defines the I_BFD symbol, and
?S: indicates whether a C program can include <bfd.h>.
?S:.
?C:I_BFD:
?C: This symbol, if defined, indicates that <bfd.h> exists and
?C: can be included.
?C:.
?H:#$i_bfd I_BFD  /**/
?H:.
?LINT:set i_bfd
: see if this is a bfd.h system
set bfd.h i_bfd
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_bfd.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: basicshell.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: basicshell.U,v $
?RCS: Revision 3.0  1993/08/18  12:05:25  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:basicshell: Getfile Oldconfig bash csh ksh sh
?MAKE: -pick add $@ %<
?S:basicshell:
?S: This variable contains the eventual value of the BASICSHELL symbol,
?S: which contains the full name of the basic script shell on this
```

```
?S: system.  Usual values are /bin/sh, /bin/ksh, /bin/csh.
?S:.
?C:BASICSHELL:
?C: This symbol contains the
 full name of the basic script shell on this
?C: system.  Usual values are /bin/sh, /bin/ksh, /bin/csh.
?C:.
?H:#define BASICSHELL "$basicshell"  /**/
?H:.
: find the most basic shell for scripts
echo " "
case "$basicshell" in
")
 case "$sh $bash $csh $ksh" in
 */sh*) dflt="$sh" ;;
 */ksh*) dflt="$ksh" ;;
 */csh*) dflt="$csh" ;;
 */bash*) dflt="$bash" ;;
 *) dflt='/bin/sh' ;;
 esac
 ;;
*)
 dflt="$basicshell";;
esac
fn=f
rp="Give the full path name of the most basic shell used on your system"
. ./getfile
basicshell=$ans
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/basicshell.U
No license file was found, but licenses were detected in source scan.

* Feel free to modify any of this as the need arises. Note, however,

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/metaconfig.html
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setlocale_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
```

```
?RCS:
?MAKE:d_setlocale_r setlocale_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_locale extern_C
?MAKE: -pick add $@ %<
?S:d_setlocale_r:
?S: This variable conditionally defines the HAS_SETLOCALE_R symbol,
?S: which indicates to the C program that the setlocale_r()
?S: routine is available.
?S:.
?S:setlocale_r_proto:
?S: This variable encodes the prototype of setlocale_r.
?S: It is zero if d_setlocale_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_setlocale_r
?S: is defined.
?S:.
?C:HAS_SETLOCALE_R:
?C: This symbol, if defined, indicates that the setlocale_r routine
?C: is
 available to setlocale re-entrantly.
?C:.
?C:SETLOCALE_R_PROTO:
?C: This symbol encodes the prototype of setlocale_r.
?C: It is zero if d_setlocale_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_setlocale_r
?C: is defined.
?C:.
?H:#$d_setlocale_r HAS_SETLOCALE_R /**/
?H:#define SETLOCALE_R_PROTO $setlocale_r_proto /**/
?H:.
?T:try hdrs d_setlocale_r_proto
: see if setlocale_r exists
set setlocale_r d_setlocale_r
eval $inlibc
case "$d_setlocale_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_locale locale.h"
 case "$d_setlocale_r_proto:$usethreads" in
 ":define") d_setlocale_r_proto=define
  set d_setlocale_r_proto setlocale_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_setlocale_r_proto" in
 define)
 case "$setlocale_r_proto" in
 "|0) try='int setlocale_r(int, const char*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && setlocale_r_proto=I_ICBI ;;
 esac
```

```
 case "$setlocale_r_proto" in
 "|0) d_setlocale_r=undef
  setlocale_r_proto=0
  echo
 "Disabling setlocale_r, cannot determine prototype." >&4 ;;
 * ) case "$setlocale_r_proto" in
  REENTRANT_PROTO*) ;;
  *) setlocale_r_proto="REENTRANT_PROTO_$setlocale_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "setlocale_r has no prototype, not using it." >&4 ;;
  esac
  d_setlocale_r=undef
  setlocale_r_proto=0
  ;;
 esac
 ;;
*) setlocale_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_setlocale_r.U
No license file was found, but licenses were detected in source scan.

```
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Oldconfig.U,v $
?RCS: Revision 3.0.1.10  1997/02/28  15:06:39  ram
?RCS: patch61: added support for src.U
?RCS: patch61: new OSNAME define
?RCS: patch61: can now sense new OSes
?RCS:
?RCS: Revision 3.0.1.9  1995/07/25  13:40:51  ram
?RCS: patch56: now knows about OS/2 platforms
?RCS:
```

```
?RCS: Revision 3.0.1.8  1995/05/12  12:04:18  ram
?RCS: patch54: config.sh reload logic now knows about new -K switch
?RCS: patch54: cleaned up and extended osvers for DEC OSF/1 (ADO)
?RCS: patch54: added MachTen detection
 (ADO)
?RCS:
?RCS: Revision 3.0.1.7  1995/02/15  14:13:41  ram
?RCS: patch51: adapted osvers computation for AIX (ADO)
?RCS:
?RCS: Revision 3.0.1.6  1995/01/30  14:27:15  ram
?RCS: patch49: unit Options.U now exports file optdef.sh, not a variable
?RCS: patch49: update code for myuname changed (WED)
?RCS:
?RCS: Revision 3.0.1.5  1995/01/11  15:15:36  ram
?RCS: patch45: added quotes around the INITPROG variable (ADO)
?RCS: patch45: allows variable overriding after config file loading
?RCS:
?RCS: Revision 3.0.1.4  1994/10/29  15:57:05  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS: patch36: merged with the version used for perl5's Configure (ADO)
?RCS:
?RCS: Revision 3.0.1.3  1994/05/06  14:24:17  ram
?RCS: patch23: added support for osf1 hints
?RCS: patch23: new support for solaris and i386 systems (ADO)
?RCS:
?RCS: Revision 3.0.1.2  1994/01/24  14:05:02  ram
?RCS: patch16: added post-processing on myuname for Xenix targets
?RCS: patch16: message proposing config.sh
 defaults made consistent
?RCS:
?RCS: Revision 3.0.1.1  1993/09/13  15:56:32  ram
?RCS: patch10: force use of config.sh when -d option is used (WAD)
?RCS: patch10: complain about non-existent hint files (WAD)
?RCS: patch10: added Options dependency for fastread variable
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:12  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit tries to remember what we did last time we ran Configure, mostly
?X: for the sake of setting defaults.
?X:
?MAKE:Oldconfig hint myuname osname osvers: Instruct Myread Checkcc \
 Mksymlinks Loc Options Tr src trnl ln uname sh awk sed test cat grep \
 rm lns tr n c contains targetarch
?MAKE: -pick wipe $@ %<
?S:myuname:
?S: The output of 'uname -a' if available, otherwise the hostname. On Xenix,
```

```
?S: pseudo variables assignments in the output are stripped, thank you. The
?S: whole thing is then lower-cased.
?S:.
?S:hint:
?S: Gives the type of hints used for previous answers. May be one of
?S: "default",
 "recommended" or "previous".
?S:.
?S:osname:
?S: This variable contains the operating system name (e.g. sunos,
?S: solaris, hpux, etc.).  It can be useful later on for setting
?S: defaults.  Any spaces are replaced with underscores.  It is set
?S: to a null string if we can't figure it out.
?S:.
?S:osvers:
?S: This variable contains the operating system version (e.g.
?S: 4.1.3, 5.2, etc.).  It is primarily used for helping select
?S: an appropriate hints file, but might be useful elsewhere for
?S: setting defaults.  It is set to '' if we can't figure it out.
?S: We try to be flexible about how much of the version number
?S: to keep, e.g. if 4.1.1, 4.1.2, and 4.1.3 are essentially the
?S: same for this package, hints files might just be os_4.0 or
?S: os_4.1, etc., not keeping separate files for each little release.
?S:.
?C:OSNAME:
?C: This symbol contains the name of the operating system, as determined
?C: by Configure.  You shouldn't rely on it too much; the specific
?C: feature
 tests from Configure are generally more reliable.
?C:.
?C:OSVERS:
?C: This symbol contains the version of the operating system, as determined
?C: by Configure.  You shouldn't rely on it too much; the specific
?C: feature tests from Configure are generally more reliable.
?C:.
?H:#define OSNAME "$osname"  /**/
?H:#define OSVERS "$osvers"  /**/
?H:.
?F:!config.sh
?T:tmp tmp_n tmp_c tmp_sh file
?T:xxxxfile xxxfile xxfile xfile hintfile newmyuname
?T:tans _ isesix INITPROG DJGPP has_uname
?D:osname=''
?LINT:change n c sh
?LINT:extern hostarch
?LINT:change hostarch
: Determine the name of the machine
myuname=`$uname -a 2>/dev/null`
```

```
$test -z "$myuname" && myuname=`hostname 2>/dev/null`
?X: Special mention for Xenix, whose 'uname -a' gives us output like this:
?X:  sysname=XENIX
?X:  nodename=whatever
?X:  release=2.3.2 .. etc...
?X: Therefore, we strip all this variable assignment junk and remove all the
?X: new lines to keep the myuname variable sane... --RAM
myuname=`echo $myuname | $sed -e
 's/^[^=]*=//' -e 's/\//g' | \
 ./tr '[A-Z]' '[a-z]' | $tr $trnl ' '`
?X: Save the value we just computed to reset myuname after we get done here.
newmyuname="$myuname"
$test -f "$uname$_exe" && has_uname=y

: Guessing of the OS name -- half the following guesses are probably wrong...
: If you have better tests or hints, please send them to the metaconfig
: authors and to <MAINTLOC>
$test -f /irix && osname=irix
$test -f /xenix && osname=sco_xenix
$test -f /dynix && osname=dynix
$test -f /dnix && osname=dnix
$test -f /lynx.os && osname=lynxos
$test -f /unicos && osname=unicos && osvers=`$uname -r`
$test -f /unicosmk && osname=unicosmk && osvers=`$uname -r`
$test -f /unicosmk.ar && osname=unicosmk && osvers=`$uname -r`
$test -f /bin/mips && /bin/mips && osname=mips
$test -d /NextApps && set X `hostinfo | $grep 'NeXT Mach.*:' | \
 $sed -e 's/://' -e 's/\./_/'` && osname=next && osvers=$4
$test -d /usr/apollo/bin && osname=apollo
$test -f /etc/saf/_sactab && osname=svr4
$test -d /usr/include/minix
 && osname=minix
$test -f /system/gnu_library/bin/ar.pm && osname=vos
if $test -d /MachTen -o -d /MachTen_Folder; then
?X:  MachTen uname -a output looks like
?X:  xxx 4 0.0 Macintosh
?X:  MachTen /sbin/version output looks like
?X:  MachTen 4.0 Mon Aug 28 10:18:00 1995
?X:  MachTen 3.x had the 'version' command in /usr/etc/version.
 osname=machten
 if $test -x /sbin/version; then
  osvers=`/sbin/version | $awk '{print $2}' |
  $sed -e 's/[A-Za-z]$//'`
 elif $test -x /usr/etc/version; then
  osvers=`/usr/etc/version | $awk '{print $2}' |
  $sed -e 's/[A-Za-z]$//'`
 else
  osvers="$2.$3"
```

```
 fi
fi
$test -f /sys/posix.dll &&
 $test -f /usr/bin/what &&
 set X `/usr/bin/what /sys/posix.dll` &&
 $test "$3" = UWIN &&
 osname=uwin &&
 osvers="$5"
?X: If we have uname, we already computed a suitable uname -a output, correctly
?X: formatted for Xenix, and it lies in $myuname.
if $test "X$has_uname" != X; then
 set X $myuname
 shift
 case "$5" in
 fps*) osname=fps ;;
 mips*)
  case "$4"
 in
  umips) osname=umips ;;
  *) osname=mips ;;
  esac;;
 [23]100) osname=mips ;;
 next*) osname=next ;;
?X: Interactive Unix.
 i386*)
  tmp=`/bin/uname -X 2>/dev/null|awk '/3\.2v[45]/{ print $(NF) }'`
  if $test "$tmp" != "" -a "$3" = "3.2" -a -f '/etc/systemid'; then
   osname='sco'
   osvers=$tmp
  elif $test -f /etc/kconfig; then
   osname=isc
   if $test "$lns" = "$ln -s"; then
    osvers=4
   elif $contains _SYSV3 /usr/include/stdio.h > /dev/null 2>&1 ; then
    osvers=3
   elif $contains _POSIX_SOURCE /usr/include/stdio.h > /dev/null 2>&1 ; then
    osvers=2
   fi
  fi
  tmp=''
  ;;
?X: MS-DOS djgpp uname -a output looks like:
?X: ms-dos xxx 6 22 pc
?X:  $1 is the "dos flavor" (need not be "ms-dos").
?X:  $2 is the node name
?X:  $3 and $4 are version/subversion
?X:  $5 is always "pc", but that might not be unique to DJGPP.
?X: (e.g. Solaris_x86 has $5 = i86pc, which doesn't actually conflict,
```

```
?X: but it's close enought that I can easily imagine other vendors also
?X: using variants
 of pc* in $5.)
?X:  The "DJGPP" environment variable is always set when djgpp is active.
 pc*)
  if $test -n "$DJGPP"; then
   osname=dos
   osvers=djgpp
  fi
  ;;
 esac
 case "$1" in
 aix) osname=aix
?X: aix 4.1 uname -a output looks like
?X:  AIX  foo  1 4 000123456789
?X: where $4 is the major release number and $3 is the (minor) version.
?X: More detail on the version is available with the oslevel command.
?X: in 3.2.x, it output a string (see case statements below).  In 4.1,
?X: it puts out something like  4.1.1.0
  tmp=`( (oslevel) 2>/dev/null || echo "not found") 2>&1`
  case "$tmp" in
  'not found') osvers="$4"."$3" ;;
  '<3240'|'<>3240') osvers=3.2.0 ;;
  '=3240'|'>3240'|'<3250'|'<>3250') osvers=3.2.4 ;;
  '=3250'|'>3250') osvers=3.2.5 ;;
  *) osvers=$tmp;;
  esac
  ;;
 bsd386) osname=bsd386
  osvers=`$uname -r`
  ;;
 cygwin*) osname=cygwin
  osvers="$3"
  ;;
 *dc.osx) osname=dcosx
  osvers="$3"
  ;;
 dnix) osname=dnix
  osvers="$3"
  ;;
 domainos) osname=apollo
  osvers="$3"
  ;;
 dgux)
 osname=dgux
  osvers="$3"
  ;;
?X:  uname -a returns
```

```
?X:  DYNIX/ptx xxx 4.0 V4.1.2 i386
 dynixptx*) osname=dynixptx
  osvers=`echo "$4"|sed 's/^v//'`
  ;;
 freebsd) osname=freebsd
  osvers="$3" ;;
 genix) osname=genix ;;
?X: HP-UX uname -a gives something like
?X: HP-UX foobar B.10.20 A 9000/735 2016483812 two-user license
?X: Preserve the full 10.20 string instead of the previous plain '10'.
?X:  Thanks to Graham Barr.    --AD 6/30/1998
 hp*) osname=hpux
  osvers=`echo "$3" | $sed 's,.*\.\([0-9]*\.[0-9]*\),\1,'`
  ;;
 irix*) osname=irix
  case "$3" in
  4*) osvers=4 ;;
  5*) osvers=5 ;;
  *) osvers="$3" ;;
  esac
  ;;
 linux) osname=linux
  case "$3" in
  *) osvers="$3" ;;
  esac
  ;;
 MiNT) osname=mint
  ;;
 netbsd*) osname=netbsd
  osvers="$3"
  ;;
 news-os) osvers="$3"
  case "$3" in
  4*) osname=newsos4 ;;
  *) osname=newsos ;;
  esac
  ;;
 next*) osname=next ;;
 nonstop-ux) osname=nonstopux ;;
 openbsd) osname=openbsd
    osvers="$3"
    ;;
 POSIX-BC | posix-bc
 ) osname=posix-bc
  osvers="$3"
  ;;
 powerux | power_ux | powermax_os | powermaxos | \
 powerunix | power_unix) osname=powerux
```

```
 osvers="$3"
 ;;
qnx) osname=qnx
 osvers="$4"
 ;;
solaris) osname=solaris
 case "$3" in
 5*) osvers=`echo $3 | $sed 's/^5/2/g'` ;;
 *) osvers="$3" ;;
 esac
 ;;
sunos) osname=sunos
 case "$3" in
 5*) osname=solaris
  osvers=`echo $3 | $sed 's/^5/2/g'` ;;
 *) osvers="$3" ;;
 esac
 ;;
titanos) osname=titanos
 case "$3" in
 1*) osvers=1 ;;
 2*) osvers=2 ;;
 3*) osvers=3 ;;
 4*) osvers=4 ;;
 *) osvers="$3" ;;
 esac
 ;;
ultrix) osname=ultrix
 osvers="$3"
 ;;
osf1|mls+) case "$5" in
 alpha)
?X: DEC OSF/1 myuname -a output looks like:  osf1 xxxx t3.2 123.4 alpha
?X: where the version number can be something like [xvt]n.n
  osname=dec_osf
?X: sizer knows the minor minor version: the letter
  osvers=`sizer -v | awk '{print $3}' | \
   ./tr '[A-Z]' '[a-z]' | sed 's/^[xvt]//'`
  case "$osvers" in
  [1-9].[0-9]*) ;;
  *) osvers=`echo
"$3" | sed 's/^[xvt]//'` ;;
  esac
  ;;
 hp*) osname=hp_osf1 ;;
 mips) osname=mips_osf1 ;;
?X: hp and mips were unsupported Technology Releases -- ADO, 24/10/94
 esac
```

```
 ;;
unixware) osname=svr5
 osvers="$4"
 ;;
uts) osname=uts
 osvers="$3"
 ;;
vos) osvers="$3"
 ;;
$2) case "$osname" in
 *isc*) ;;
 *freebsd*) ;;
 svr*)
  : svr4.x or possibly later
  case "svr$3" in
  ${osname}*)
   osname=svr$3
   osvers=$4
   ;;
  esac
  case "$osname" in
  svr4.0)
   : Check for ESIX
   if $test -f /stand/boot ; then
    eval `$grep '^INITPROG=[a-z/0-9]*$' /stand/boot`
    if $test -n "$INITPROG" -a -f "$INITPROG"; then
     isesix=`strings -a $INITPROG | \
      $grep 'ESIX SYSTEM V/386 Release 4.0'`
     if $test -n "$isesix"; then
      osname=esix4
     fi
    fi
   fi
   ;;
  esac
  ;;
 *) if $test -f /etc/systemid; then
   osname=sco
   set `echo $3 | $sed 's/\./ /g'` $4
   if $test -f $src/hints/sco_$1_$2_$3.sh; then
    osvers=$1.$2.$3
   elif $test
-f $src/hints/sco_$1_$2.sh; then
    osvers=$1.$2
   elif $test -f $src/hints/sco_$1.sh; then
    osvers=$1
   fi
  else
```

```
    case "$osname" in
    ") : Still unknown.  Probably a generic Sys V.
     osname="sysv"
     osvers="$3"
     ;;
    esac
   fi
   ;;
  esac
  ;;
 *) case "$osname" in
  ") : Still unknown.  Probably a generic BSD.
   osname="$1"
   osvers="$3"
   ;;
  esac
  ;;
 esac
else
?X: Try to identify sony's NEWS-OS (BSD unix)
 if $test -f /vmunix -a -f $src/hints/news_os.sh; then
  (what /vmunix | UU/tr '[A-Z]' '[a-z]') > UU/kernel.what 2>&1
  if $contains news-os UU/kernel.what >/dev/null 2>&1; then
   osname=news_os
  fi
  $rm -f UU/kernel.what
?X: Maybe it's OS/2 or DOS or something similar
 elif $test -d c:/.; then
  set X $myuname
  osname=os2
  osvers="$5"
 fi
fi

: Try to determine whether config.sh was made on this system
case "$config_sh" in
")
?X: indentation wrong on purpose--RAM
dflt=n
case "$knowitall" in
")
 if test -f ../config.sh; then
  if $contains
 myuname= ../config.sh >/dev/null 2>&1; then
   eval "`$grep myuname= ../config.sh`"
  fi
  if test "X$myuname" = "X$newmyuname"; then
   dflt=y
```

```
  fi
 fi
 ;;
*) dflt=y;;
esac

: Get old answers from config file if it was generated on the same system
hint=default
if $test -f ../config.sh; then
 echo " "
 rp="I see a config.sh file.  Shall I use it to set the defaults?"
 . ./myread
 case "$ans" in
 n*|N*) echo "OK, I'll ignore it."
  mv ../config.sh ../config.sh.old
  myuname="$newmyuname"
  ;;
 *)  echo "Fetching default answers from your old config.sh file..." >&4
  tmp_n="$n"
  tmp_c="$c"
  tmp_sh="$sh"
  . ../config.sh
  cp ../config.sh .
  n="$tmp_n"
  c="$tmp_c"
  hint=previous
  ;;
 esac
fi
?X: remember, case indentation is wrong--RAM
;;
*)
 echo " "
 echo "Fetching default answers from $config_sh..." >&4
 tmp_n="$n"
 tmp_c="$c"
 tmp_sh="$sh"
 cd ..
?X: preserve symbolic links, if any
 cp $config_sh config.sh 2>/dev/null
 chmod +w config.sh
 . ./config.sh
 cd UU
 cp ../config.sh
 .
 n="$tmp_n"
 c="$tmp_c"
 hint=previous
```

```
 ;;
esac
?X: Older versions did not always set $sh.
case "$sh" in
") sh="$tmp_sh" ;;
esac
$test "$override" && . ./optdef.sh

: Restore computed paths
for file in $loclist $trylist; do
 eval $file="\$_$file"
done

. ./checkcc
?X: Cross-compiling support
case "$targetarch" in
") ;;
*)  hostarch=$osname
 osname=`echo $targetarch|sed 's,^[^-]*-,,'`
 osvers=''
 ;;
esac

@if {test -d ../hints}
: Offer them some hints based on their OS
cd ..
?X: Since we are now at the root of the source tree, we must use $src
?X: to access the sources and not $rsrc. See src.U for details...
if $test ! -f config.sh; then
 $cat <<EOM

First time through, eh?  I have some defaults handy for some systems
that need some extra help getting the Configure answers right:

EOM
 (cd $src/hints; ls -C *.sh) | $sed 's/\.sh/   /g' >&4
 dflt=''

 : Now look for a hint file osname_osvers, unless one has been
 : specified already.
 case "$hintfile" in
 "|' ')
  file=`echo "${osname}_${osvers}"
 | $sed -e 's%\.%_%g' -e 's%_$%%'`
  : Also try without trailing minor version numbers.
  xfile=`echo $file | $sed -e 's%_[^_]*$%%'`
  xxfile=`echo $xfile | $sed -e 's%_[^_]*$%%'`
  xxxfile=`echo $xxfile | $sed -e 's%_[^_]*$%%'`
```

```
 xxxxfile=`echo $xxxfile | $sed -e 's%_[^_]*$%%'`
 case "$file" in
 ") dflt=none ;;
 *)  case "$osvers" in
  ") dflt=$file
   ;;
  *)  if $test -f $src/hints/$file.sh ; then
    dflt=$file
   elif $test -f $src/hints/$xfile.sh ; then
    dflt=$xfile
   elif $test -f $src/hints/$xxfile.sh ; then
    dflt=$xxfile
   elif $test -f $src/hints/$xxxfile.sh ; then
    dflt=$xxxfile
   elif $test -f $src/hints/$xxxxfile.sh ; then
    dflt=$xxxxfile
   elif $test -f "$src/hints/${osname}.sh" ; then
    dflt="${osname}"
   else
    dflt=none
   fi
   ;;
  esac
  ;;
 esac
 if $test -f Policy.sh ; then
  case "$dflt" in
  *Policy*) ;;
  none) dflt="Policy" ;;
  *) dflt="Policy $dflt" ;;
  esac
 fi
 ;;
*)
 dflt=`echo
$hintfile | $sed 's/\.sh$//'`
 ;;
esac

if $test -f Policy.sh ; then
 $cat <<EOM

There's also a Policy hint file available, which should make the
site-specific (policy) questions easier to answer.
EOM

 fi
```

```
 $cat <<EOM

You may give one or more space-separated answers, or "none" if appropriate.
A well-behaved OS will have no hints, so answering "none" or just "Policy"
is a good thing.  DO NOT give a wrong version or a wrong OS.

EOM

 rp="Which of these apply, if any?"
 . UU/myread
 tans=$ans
 for file in $tans; do
  if $test X$file = XPolicy -a -f Policy.sh; then
   . Policy.sh
   $cat Policy.sh >> UU/config.sh
  elif $test -f $src/hints/$file.sh; then
   . $src/hints/$file.sh
   $cat $src/hints/$file.sh >> UU/config.sh
  elif $test X"$tans" = X -o X"$tans" = Xnone ; then
   : nothing
  else
   : Give one chance to correct a possible typo.
   echo "$file.sh does not exist"
   dflt=$file
   rp="hint to use instead?"
   . UU/myread
   for file in $ans; do
    if $test -f "$src/hints/$file.sh";
 then
     . $src/hints/$file.sh
     $cat $src/hints/$file.sh >> UU/config.sh
    elif $test X$ans = X -o X$ans = Xnone ; then
     : nothing
    else
     echo "$file.sh does not exist -- ignored."
    fi
   done
  fi
 done

 hint=recommended
 : Remember our hint file for later.
 if $test -f "$src/hints/$file.sh" ; then
  hintfile="$file"
 else
  hintfile=''
 fi
fi
```

```
cd UU
?X: From here on, we must use $rsrc instead of $src

@end
: Process their -A options
. ./posthint.sh

@if osname || osvers
: Ask them to confirm the OS name
cat << EOM

Configure uses the operating system name and version to set some defaults.
The default value is probably right if the name rings a bell. Otherwise,
since spelling matters for me, either accept the default or answer "none"
to leave it blank.

EOM
@end
@if osname
case "$osname" in
 "|' ')
  case "$hintfile" in
  "|' '|none) dflt=none ;;
  *)  dflt=`echo $hintfile | $sed -e 's/\.sh$//' -e 's/_.*$//'` ;;
  esac
  ;;
 *) dflt="$osname" ;;
esac
rp="Operating
 system name?"
. ./myread
case "$ans" in
none)  osname=" ;;
*) osname=`echo "$ans" | $sed -e 's/[  ][ ]*/_/g' | ./tr '[A-Z]' '[a-z]'`;;
esac
@end
@if osvers
@if osname
echo " "
@end
case "$osvers" in
 "|' ')
  case "$hintfile" in
  "|' '|none) dflt=none ;;
  *) dflt=`echo $hintfile | $sed -e 's/\.sh$//' -e 's/^[^_]*//'`
   dflt=`echo $dflt | $sed -e 's/^_//' -e 's/_./g'`
   case "$dflt" in
   "|' ') dflt=none ;;
```

```
   esac
   ;;
  esac
  ;;
 *) dflt="$osvers" ;;
esac
rp="Operating system version?"
. ./myread
case "$ans" in
none)  osvers=" ;;
*) osvers="$ans" ;;
esac

@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Oldconfig.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_isfinitel: Inlibc
?MAKE: -pick add $@ %<
?S:d_isfinitel:
?S: This variable conditionally defines the HAS_ISFINITEL symbol, which
?S: indicates to the C program that the isfinitel() routine is available.
?S:.
?C:HAS_ISFINITEL:
?C: This symbol, if defined, indicates that the isfinitel routine is
?C: available to check whether a long double is finite.
?C: (non-infinity non-NaN).
?C:.
?H:#$d_isfinitel HAS_ISFINITEL  /**/
?H:.
?LINT:set d_isfinitel
: see if isfinitel exists
set isfinitel d_isfinitel
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_isfinitel.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Extensions.U,v$
?RCS:
?RCS: Copyright (c) 1996-1998, Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: Extensions.U,v $
?RCS:
?MAKE:known_extensions extensions dynamic_ext static_ext nonxs_ext \
 useposix useopcode uselanginfo : \
 Myread hint usedl d_sem d_socket i_db i_dbm i_rpcsvcdbm i_gdbm \
 d_ndbm usethreads use5005threads package test cat rsrc \
 d_msg d_shm osname use64bitint \
 libs d_cplusplus sed ls rm contains trnl sort
?MAKE: -pick add $@ %<
?Y:BOTTOM
?S:known_extensions:
?S: This variable holds a list of all extensions (both XS and non-xs)
?S: included in the package source distribution.  This information is
?S: only really of use during the Perl build, as the list makes no
?S: distinction between extensions which were build and installed, and
?S: those which
 where not.  See "extensions" for the list of extensions
?S: actually built and available.
?S:.
?S:dynamic_ext:
?S: This variable holds a list of XS extension files we want to
?S: link dynamically into the package.  It is used by Makefile.
?S:.
?S:static_ext:
?S: This variable holds a list of XS extension files we want to
?S: link statically into the package.  It is used by Makefile.
?S:.
?S:nonxs_ext:
?S: This variable holds a list of all non-xs extensions built and
?S: installed by the package.  By default, all non-xs extensions
?S: distributed will be built, with the exception of platform-specific
?S: extensions (currently only one VMS specific extension).
?S:.
?S:extensions:
?S: This variable holds a list of all extension files (both XS and
?S: non-xs) installed with the package.  It is propagated to Config.pm
?S: and is typically used to test whether a particular extension
?S: is available.
?S:.
```

```
?S:useposix:
?S: This variable holds either 'true' or 'false' to indicate
?S: whether the
 POSIX extension should be used.  The sole
?S: use for this currently is to allow an easy mechanism
?S: for hints files to indicate that POSIX will not compile
?S: on a particular system.
?S:.
?S:useopcode:
?S: This variable holds either 'true' or 'false' to indicate
?S: whether the Opcode extension should be used.  The sole
?S: use for this currently is to allow an easy mechanism
?S: for users to skip the Opcode extension from the Configure
?S: command line.
?S:.
?S:uselanginfo:
?S: This variable holds either 'true' or 'false' to indicate
?S: whether the I18N::Langinfo extension should be used.  The sole
?S: use for this currently is to allow an easy mechanism for users to skip
?S: this extension from the Configure command line.
?S:.
?T:xxx avail_ext this_ext tdir xs_extensions nonxs_extensions find_extensions
?INIT:: set useposix=false in your hint file to disable the POSIX extension.
?INIT:useposix=true
?INIT:: set useopcode=false in your hint file to disable the Opcode extension.
?INIT:useopcode=true
?INIT::
 set uselanginfo=false in your hint file to disable the I18N::Langinfo extension.
?INIT:uselanginfo=true
?LINT:extern noextensions
?LINT:extern onlyextensions
?T:keepextensions i
: Check extensions
echo " "
echo "Looking for extensions..." >&4
: If we are using the old config.sh, nonxs_extensions and xs_extensions may
: contain old or inaccurate or duplicate values.
nonxs_extensions="
xs_extensions="
: We do not use find because it might not be available.
: We do not just use MANIFEST because the user may have dropped
: some additional extensions into the source tree and expect them
: to be built.

: Function to recursively find available extensions, ignoring DynaLoader
: NOTE: recursion limit of 10 to prevent runaway in case of symlink madness
: In 5.10.1 and later, extensions are stored in directories
: like File-Glob instead of the older File/Glob/.
```

```
find_extensions='
  for xxx in *; do
 case "$xxx" in
    DynaLoader|dynaload) ;;
    *)
    this_ext=`echo
 "$xxx" | $sed -e s/-/\\/g`;
    case "$this_ext" in
 Scalar/List/Utils) this_ext="List/Util" ;;
 PathTools)        this_ext="Cwd" ;;
    esac;
    echo " $xs_extensions $nonxs_extensions" > "$tdir/$$.tmp";
    if $contains " $this_ext " "$tdir/$$.tmp"; then
 echo >&4;
 echo "Duplicate directories detected for extension $xxx" >&4;
 echo "Configure cannot correctly recover from this - shall I abort?" >&4;
 case "$knowitall" in
 "") dflt=y;;
 *) dflt=n;;
 esac;
 . ../UU/myread;
 case "$ans" in
 n*|N*) ;;
 *) echo >&4;
     echo "Ok.  Stopping Configure." >&4;
     echo "Please remove the duplicate directory (e.g. using git clean) and then re-run Configure" >&4;
     exit 1;;
 esac;
 echo "Ok.  You will need to correct config.sh before running make." >&4;
    fi;
    $ls -1 "$xxx" > "$tdir/$$.tmp";
    if   $contains "\.xs$" "$tdir/$$.tmp" > /dev/null 2>&1; then
 xs_extensions="$xs_extensions $this_ext";
    elif $contains "\.c$"  "$tdir/$$.tmp" > /dev/null
 2>&1; then
 xs_extensions="$xs_extensions $this_ext";
    elif $test -d "$xxx"; then
 nonxs_extensions="$nonxs_extensions $this_ext";
    fi;
    $rm -f "$tdir/$$.tmp";
    ;;
 esac;
  done'
tdir=`pwd`
cd "$rsrc/cpan"
set X
shift
eval $find_extensions
```

```
cd "$rsrc/dist"
set X
shift
eval $find_extensions
cd "$rsrc/ext"
set X
shift
eval $find_extensions
set X $xs_extensions
shift
xs_extensions=`echo "$*" | tr ' ' $trnl | $sort | tr $trnl ' '`
set X $nonxs_extensions
shift
nonxs_extensions=`echo "$*" | tr ' ' $trnl | $sort | tr $trnl ' '`
cd "$tdir"
known_extensions=`echo $nonxs_extensions $xs_extensions  | tr ' ' $trnl | $sort | tr $trnl ' '`

: Now see which are supported on this system.
?X: avail_ext lists available XS extensions.
avail_ext=''
for xxx in $xs_extensions ; do
 case "$xxx" in
?X: Handle possible DOS 8.3 filename and case alterations
 Amiga*)
  case "$osname" in
  amigaos) avail_ext="$avail_ext $xxx" ;;
  esac
  ;;
 DB_File|db_file)
  case "$i_db" in
  $define)
 avail_ext="$avail_ext $xxx" ;;
  esac
  ;;
 GDBM_File|gdbm_fil)
  case "$i_gdbm" in
  $define) avail_ext="$avail_ext $xxx" ;;
  esac
  ;;
 IPC/SysV|ipc/sysv)
  : XXX Do we need a useipcsysv variable here
  case "${d_msg}${d_sem}${d_shm}" in
  *"${define}"*) avail_ext="$avail_ext $xxx" ;;
  esac
  ;;
 NDBM_File|ndbm_fil)
  case "$d_ndbm" in
  $define)
```

```
    case "$osname-$use64bitint" in
    hpux-define)
  case "$libs" in
  *-lndbm*) avail_ext="$avail_ext $xxx" ;;
  esac
  ;;
    *) avail_ext="$avail_ext $xxx" ;;
    esac
    ;;
 esac
 ;;
ODBM_File|odbm_fil)
 case "${i_dbm}${i_rpcsvcdbm}" in
 *"${define}"*)
    case "$d_cplusplus" in
    define) ;; # delete as a function name will not work
    *)  case "$osname-$use64bitint" in
  hpux-define)
     case "$libs" in
     *-ldbm*) avail_ext="$avail_ext $xxx" ;;
     esac
     ;;
  *) avail_ext="$avail_ext $xxx" ;;
  esac
  ;;
    esac
    ;;
 esac
 ;;
Opcode|opcode)
 case "$useopcode" in
 true|define|y)
avail_ext="$avail_ext $xxx" ;;
 esac
 ;;
POSIX|posix)
 case "$useposix" in
 true|define|y) avail_ext="$avail_ext $xxx" ;;
 esac
 ;;
Socket|socket)
 case "$d_socket" in
 true|$define|y) avail_ext="$avail_ext $xxx" ;;
 esac
 ;;
I18N/Langinfo|langinfo)
 case "$uselanginfo" in
 true|define|y) avail_ext="$avail_ext $xxx" ;;
```

```
 esac
 ;;
Sys/Syslog|sys/syslog)
 case $osname in
  amigaos) ;; # not really very useful on AmigaOS
  *)
  : XXX syslog requires socket
  case "$d_socket" in
  true|$define|y) avail_ext="$avail_ext $xxx" ;;
  esac
  ;;
 esac
 ;;
Thread|thread)
        case "$usethreads" in
        true|$define|y)
            case "$use5005threads" in
            $define|true|[yY]*) avail_ext="$avail_ext $xxx" ;;
            esac
 esac
 ;;
threads|threads/shared)
 # threads and threads::shared are special cases.
 # To stop people from asking "Perl 5.8.0 was supposed
 # to have this new fancy threads
implementation but my
 # perl doesn't have it" and from people trying to
 # (re)install the threads module using CPAN.pm and
 # CPAN.pm then offering to reinstall Perl 5.8.0,
 # the threads.pm and threads/shared.pm will always be
 # there, croaking informatively ("you need to rebuild
 # all of Perl with threads, sorry") when threads haven't
 # been compiled in.
 # --jhi
 avail_ext="$avail_ext $xxx"
 ;;
VMS*)
 ;;
Win32*)
 case "$osname" in
 cygwin) avail_ext="$avail_ext $xxx" ;;
 esac
 ;;
XS/APItest|xs/apitest)
 # This is just for testing.  Skip it unless we have dynamic loading.

 case "$usedl" in
 $define) avail_ext="$avail_ext $xxx" ;;
```

```
  esac
  ;;
 XS/Typemap|xs/typemap)
  # This is just for testing.  Skip it unless we have dynamic loading.
  case "$usedl" in
  $define) avail_ext="$avail_ext $xxx" ;;
  esac
  ;;
 *) avail_ext="$avail_ext $xxx"
  ;;
 esac
done

set X $avail_ext
shift
avail_ext="$*"

case "$onlyextensions" in
") ;;
*)  keepextensions="
   echo
 "You have requested that only certain extensions be included..." >&4
   for i in $onlyextensions; do
       case " $avail_ext " in
       *" $i "*)
           echo "Keeping extension $i."
           keepextensions="$keepextensions $i"
           ;;
       *) echo "Ignoring extension $i." ;;
       esac
   done
   avail_ext="$keepextensions"
   ;;
esac

case "$noextensions" in
") ;;
*)  keepextensions="
   echo "You have requested that certain extensions be ignored..." >&4
   for i in $avail_ext; do
       case " $noextensions " in
       *" $i "*) echo "Ignoring extension $i." ;;
       *) echo "Keeping extension $i.";
          keepextensions="$keepextensions $i"
          ;;
       esac
   done
   avail_ext="$keepextensions"
```

```
   ;;
esac

: Now see which nonxs extensions are supported on this system.
: For now assume all are.
nonxs_ext=''
for xxx in $nonxs_extensions ; do
 case "$xxx" in
 VMS*)
  ;;
 *) nonxs_ext="$nonxs_ext $xxx"
  ;;
 esac
done

set X $nonxs_ext
shift
nonxs_ext="$*"

case
 $usedl in
$define)
 $cat <<EOM
A number of extensions are supplied with $package.  You may choose to
compile these extensions for dynamic loading (the default), compile
them into the $package executable (static loading), or not include
them at all.  Answer "none" to include no extensions.
Note that DynaLoader is always built and need not be mentioned here.

EOM
 case "$dynamic_ext" in
 '')
  : Exclude those listed in static_ext
  dflt=''
  for xxx in $avail_ext; do
   case " $static_ext " in
   *" $xxx "*) ;;
   *) dflt="$dflt $xxx" ;;
   esac
  done
  set X $dflt
  shift
  dflt="$*"
  ;;
 *) dflt="$dynamic_ext"
  # Perhaps we are reusing an old out-of-date config.sh.
  case "$hint" in
  previous)
```

```
   if test X"$dynamic_ext" != X"$avail_ext"; then
    $cat <<EOM
NOTICE:  Your previous config.sh list may be incorrect.
The extensions now available to you are
 ${avail_ext}
but the default list from your previous config.sh is
 ${dynamic_ext}

EOM
   fi
   ;;
  esac
  ;;
 esac
 case
 "$dflt" in
 ") dflt=none;;
 esac
 rp="What extensions do you wish to load dynamically?"
 . ./myread
 case "$ans" in
?X: Use ' ' so a subsequent Configure will preserve that value.
 none) dynamic_ext=' ' ;;
 *) dynamic_ext="$ans" ;;
 esac

 case "$static_ext" in
 ")
  : Exclude those already listed in dynamic linking
  dflt="
  for xxx in $avail_ext; do
   case " $dynamic_ext " in
   *" $xxx "*) ;;
   *) dflt="$dflt $xxx" ;;
   esac
  done
  set X $dflt
  shift
  dflt="$*"
  ;;
 *)  dflt="$static_ext"
  ;;
 esac

 case "$dflt" in
 ") dflt=none;;
 esac
 rp="What extensions do you wish to load statically?"
```

```
 . ./myread
 case "$ans" in
?X: Use ' ' so a subsequent Configure will preserve that value.
 none) static_ext=' ' ;;
 *) static_ext="$ans" ;;
 esac
 ;;
*)
 $cat <<EOM
A number of extensions are supplied with $package.  Answer "none"
to include no extensions.
Note that DynaLoader is always built and need not be mentioned here.

EOM
 case "$static_ext" in
 ")
 dflt="$avail_ext" ;;
 *) dflt="$static_ext"
  # Perhaps we are reusing an old out-of-date config.sh.
  case "$hint" in
  previous)
   if test X"$static_ext" != X"$avail_ext"; then
    $cat <<EOM
NOTICE:  Your previous config.sh list may be incorrect.
The extensions now available to you are
 ${avail_ext}
but the default list from your previous config.sh is
 ${static_ext}

EOM
   fi
   ;;
  esac
  ;;
 esac
 : Exclude those that are not xs extensions
 case "$dflt" in
 ") dflt=none;;
 esac
 rp="What extensions do you wish to include?"
 . ./myread
 case "$ans" in
?X: Use ' ' so a subsequent Configure will preserve that value.
 none) static_ext=' ' ;;
 *) static_ext="$ans" ;;
 esac
 ;;
esac
```

```
#
# Encode is a special case.  If we are building Encode as a static
# extension, we need to explicitly list its subextensions as well.
# For other nested extensions, this is handled automatically by
# the appropriate Makefile.PL.
case " $static_ext " in
 *" Encode "*) # Add the subextensions of Encode
 cd
 "$rsrc/cpan"
 for xxx in `ls Encode/*/Makefile.PL|awk -F/ '{print $2}'`; do
  static_ext="$static_ext Encode/$xxx"
  known_extensions="$known_extensions Encode/$xxx"
 done
 cd "$tdir"
 ;;
esac

set X $dynamic_ext $static_ext $nonxs_ext
shift
extensions="$*"

# Sanity check:  We require an extension suitable for use with
# AnyDBM_File, as well as Fcntl and IO.  (Failure to have these
# should show up as failures in the test suite, but it's helpful to
# catch them now.) The 'extensions' list is normally sorted
# alphabetically, so we need to accept either
#    DB_File ... Fcntl ... IO  ....
# or something like
#    Fcntl ... NDBM_File ... IO  ....
case " $extensions"  in
*"_File "*" Fcntl "*" IO "*) ;; # DB_File
*" Fcntl "*"_File "*" IO "*) ;; # GDBM_File
*" Fcntl "*" IO "*"_File "*) ;; # NDBM_File
*) echo "WARNING: Extensions DB_File or *DBM_File, Fcntl, and IO not configured." >&4
  echo "WARNING: The Perl you are building will be quite crippled." >& 4
  ;;
esac
```

Found in path(s):
*
 /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/Extensions.U
No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_lround: Inlibc

```
?MAKE: -pick add $@ %<
?S:d_lround:
?S: This variable conditionally defines the HAS_LROUND symbol, which
?S: indicates to the C program that the lround() routine is available
?S: to return the integral value nearest to x.
?S:.
?C:HAS_LROUND:
?C: This symbol, if defined, indicates that the lround routine is
?C: available to return the nearest integral value.
?C:.
?H:#$d_lround HAS_LROUND  /**/
?H:.
?LINT:set d_lround
: see if lround exists
set lround d_lround
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_lround.U
No license file was found, but licenses were detected in source scan.

```
#  You may redistribute only under the terms of the Artistic Licence,
#
# Beyond this point lie functions we may never compile.
#

#
# DO NOT CHANGE A IOTA BEYOND THIS COMMENT!
# The following table lists offsets of functions within the data section.
# Should modifications be needed, change original code and rerun perload
# with the -o option to regenerate a proper offset table.
#

          locate'dump_list       2938
      locate'private_units       3071
       locate'public_units       3858
         locate'units_path       5351
         main'build_extfun      16719
         main'build_filext      16368
           main'build_xref      25627
        main'complete_line      22216
        main'dump_obsolete      23859
       main'end_extraction       7714
 main'extract_dependencies      19358
    main'extract_filenames      15511
               main'gensym      29705
                 main'init       1308
```

```
        main'init_depend
    18208
        main'init_except       1534
    main'init_extraction       6862
      main'locate_units       2321
          main'manifake      29793
            main'ofound      29321
                main'p_c      10283
          main'p_config      11589
           main'p_magic      13345
            main'p_make       8066
         main'p_obsolete       9676
           main'p_shell       9830
          main'p_wanted      14245
           main'profile      30974
                  main'q      17825
    main'record_obsolete      22806
      main'tilda_expand      30619
             main'usage       1832

#
# End of offset table and beginning of dataloading section.
#

# General initializations
sub main'load_init {
 package main;
 &init_except;   # Token which have upper-cased letters
 &init_depend;   # The %Depend array records control line handling
}

# Record the exceptions -- all symbols but these are lower case
sub main'load_init_except
 {
 package main;
 $Except{'Author'}++;
 $Except{'Date'}++;
 $Except{'Header'}++;
 $Except{'Id'}++;
 $Except{'Locker'}++;
 $Except{'Log'}++;
 $Except{'RCSfile'}++;
 $Except{'Revision'}++;
 $Except{'Source'}++;
 $Except{'State'}++;
}

# Print out metaxref's usage and exits
```

```
sub main'load_usage {
 package main;
 print STDERR <<EOM;
Usage: metaxref [-dhkmsV] [-f manifest] [-L dir]
 -d : debug mode.
 -f : use that file as manifest instead of MANIFEST.new.
 -h : print this help message and exits.
 -k : keep temporary directory.
 -m : assume lots of memory and swap space.
 -s : silent mode.
 -L : specify main units repository.
 -V : print version number and exits.
EOM
 exit 1;
}

# Locate the units and push their path in @ARGV (sorted alphabetically)
sub main'load_locate_units {
 package locate;
 print "Locating units...\n" unless $main'opt_s;
 local(*WD) = *main'WD;   # Current working directory
 local(*MC) = *main'MC;   # Public metaconfig library
 undef %myUlist;     #
 Records private units paths
 undef %myUseen;     # Records private/public conflicts
 &private_units;     # Locate private units in @myUlist
 &public_units;     # Locate public units in @ARGV
 @ARGV = sort @ARGV;    # Sort it alphabetically
 push(@ARGV, sort @myUlist);  # Append user's units sorted
 &dump_list if $main'opt_v;  # Dump the list of units
}

# Dump the list of units on stdout
sub locate'load_dump_list {
 package locate;
 print "\t";
 $, = "\n\t";
 print @ARGV;
 $, = '';
 print "\n";
}

# Scan private units
sub locate'load_private_units {
 package locate;
 return unless -d 'U';   # Nothing to be done if no 'U' entry
 local(*ARGV) = *myUlist;  # Really fill in @myUlist
 local($MC) = $WD;    # We are really in the working directory
```

```
 &units_path("U");    # Locate units in the U directory
 local($unit_name);    # Unit's name (without .U)
 local(@kept);     # Array of kept units
 # Loop over the units and remove duplicates (the first one seen is the one
 # we keep). Also set the
 %myUseen H table to record private units seen.
 foreach (@ARGV) {
  ($unit_name) = m|^.*/(.*)\.U$|; # Get unit's name from path
  next if $myUseen{$unit_name}; # Already recorded
  $myUseen{$unit_name} = 1;  # Record pirvate unit
  push(@kept, $_);    # Keep this unit
 }
 @ARGV = @kept;
}

# Scan public units
sub locate'load_public_units {
 package locate;
 chdir($MC) || die "Can't find directory $MC.\n";
 &units_path("U");    # Locate units in public U directory
 chdir($WD) || die "Can't go back to directory $WD.\n";
 local($path);     # Relative path from $WD
 local($unit_name);    # Unit's name (without .U)
 local(*Unit) = *main'Unit;  # Unit is a global from main package
 local(@kept);     # Units kept
 local(%warned);     # Units which have already issued a message
 # Loop over all the units and keep only the ones that were not found in
 # the user's U directory. As it is possible two or more units with the same
 # name be found in
 foreach (@ARGV) {
  ($unit_name) = m|^.*/(.*)\.U$|; #
 Get unit's name from path
  next if $warned{$unit_name}; # We have already seen this unit
  $warned{$unit_name} = 1;  # Remember we have warned the user
  if ($myUseen{$unit_name}) {  # User already has a private unit
   $path = $Unit{$unit_name}; # Extract user's unit path
   next if $path eq $_;  # Same path, we must be in mcon/
   $path =~ s|^$WD/||o;  # Weed out leading working dir path
   print "    Your private $path overrides the public one.\n"
    unless $main'opt_s;
  } else {
   push(@kept, $_);   # We may keep this one
  }
 }
 @ARGV = @kept;
}

# Recursively locate units in the directory. Each file ending with .U has to be
```

```
# a unit. Others are stat()'ed, and if they are a directory, they are also
# scanned through. The $MC and @ARGV variable are dynamically set by the caller.
sub locate'load_units_path {
 package locate;
 local($dir) = @_;     # Directory where units are to be found
 local(@contents);     # Contents of the directory
 local($unit_name);     # Unit's name,
 without final .U
 local($path);      # Full path of a unit
 local(*Unit) = *main'Unit;   # Unit is a global from main package
 unless (opendir(DIR, $dir)) {
  warn("Cannot open directory $dir.\n");
  return;
 }
 print "Locating in $MC/$dir...\n" if $main'opt_v;
 @contents = readdir DIR;   # Slurp the whole thing
 closedir DIR;      # And close dir, ready for recursion
 foreach (@contents) {
  next if $_ eq '.' || $_ eq '..';
  if (/\.U$/) {     # A unit, definitely
   ($unit_name) = /^(.*)\.U$/;
   $path = "$MC/$dir/$_";    # Full path of unit
   push(@ARGV, $path);     # Record its path
   if (defined $Unit{$unit_name}) { # Already seen this unit
    if ($main'opt_v) {
     ($path) = $Unit{$unit_name} =~ m|^(.*)/.*|;
     print "    We've already seen $unit_name.U in $path.\n";
    }
   } else {
    $Unit{$unit_name} = $path;  # Map name to path
   }
   next;
  }
  # We have found a file which does not look like a unit. If it is a
  # directory, then scan it. Otherwise skip the file.
  unless
 (-d "$dir/$_") {
   print "    Skipping file $_ in $dir.\n" if $main'opt_v;
   next;
  }
  &units_path("$dir/$_");
  print "Back to $MC/$dir...\n" if $main'opt_v;
 }
}

# Initialize the extraction process by setting some variables.
# We return a string to be eval to do more customized initializations.
sub main'load_init_extraction {
```

```
 package main;
 open(INIT, ">$WD/.MT/Init.U") ||
  die "Can't create .MT/Init.U\n";
 open(CONF_H, ">$WD/.MT/Config_h.U") ||
  die "Can't create .MT/Config_h.U\n";
 open(EXTERN, ">$WD/.MT/Extern.U") ||
  die "Can't create .MT/Extern.U\n";
 open(MAGIC_H, ">$WD/.MT/Magic_h.U") ||
  die "Can't create .MT/Magic_h.U\n";

 $c_symbol = '';    # Current symbol seen in ?C: lines
 $s_symbol = '';    # Current symbol seen in ?S: lines
 $m_symbol = '';    # Current symbol seen in ?M: lines
 $heredoc = '';    # Last "here" document symbol seen
 $heredoc_nosubst = 0;  # True for <<'EOM' here docs
 $condlist = '';    # List of conditional symbols
 $defined =
 '';    # List of defined symbols in the unit
 $body = '';     # No procedure to handle body
 $ending = '';    # No procedure to clean-up
}

# End the extraction process
sub main'load_end_extraction {
 package main;
 close EXTERN;   # External dependencies (libraries, includes...)
 close CONF_H;   # C symbol definition template
 close INIT;    # Required initializations
 close MAGIC;   # Magic C symbol redefinition templates

 print $dependencies if $opt_v; # Print extracted dependencies
}

# Process the ?MAKE: line
sub main'load_p_make {
 package main;
 local($_) = @_;
 local(@ary);     # Locally defined symbols
 local(@dep);     # Dependencies
 if (/^[\w+ ]*:/) {    # Main dependency rule
  s|^\s*||;     # Remove leading spaces
  chop;
  s/:(.*)//;
  @dep = split(' ', $1);   # Dependencies
  @ary = split(' ');    # Locally defined symbols
  foreach $sym (@ary) {
   # Symbols starting with a '+' are meant for internal use only.
   next if $sym =~ s/^\+//;
```

```
  # Only sumbols starting with
 a lowercase letter are to
  # appear in config.sh, excepted the ones listed in Except.
  if ($sym =~ /^[_a-z]/ || $Except{$sym}) {
   $shmaster{"\$$sym"} = undef;
   push(@Master,"?$unit:$sym="\n"); # Initializations
  }
 }
 $condlist = '';    # List of conditional symbols
 local($sym);    # Symbol copy, avoid @dep alteration
 foreach $dep (@dep) {
  if ($dep =~ /^\+[A-Za-z]/) {
   ($sym = $dep) =~ s|^\+||;
   $condlist .= "$sym ";
   push(@Cond, $sym) unless $condseen{$sym};
   $condseen{$sym}++;  # Conditionally wanted
  }
 }
 # Append to already existing dependencies. The 'defined' variable
 # is set for &write_out, used to implement ?L: and ?I: canvas. It is
 # reset each time a new unit is parsed.
 # NB: leading '+' for defined symbols (internal use only) have been
 # removed at this point, but conditional dependencies still bear it.
 $defined = join(' ', @ary);  # Symbols defined by this unit
 $dependencies .= $defined . ':' . join(' ', @dep) . "\n";
 $dependencies
.= " -cond $condlist\n" if $condlist;
 } else {
  $dependencies .= $_;  # Building rules
 }
}

# Process the ?O: line
sub main'load_p_obsolete {
 package main;
 local($_) = @_;
 $Obsolete{"$unit.U"} .= $_;  # Message(s) to print if unit is used
}

# Process the ?S: lines
sub main'load_p_shell {
 package main;
 local($_) = @_;
 unless ($s_symbol) {
  if (/^(\w+).*:/) {
   $s_symbol = $1;
   print "  ?S: $s_symbol\n" if $opt_d;
  } else {
```

```
   warn "\"$file\", line $.: syntax error in ?S: construct.\n";
   $s_symbol = $unit;
   return;
  }
  # Deal with obsolete symbol list (enclosed between parenthesis)
  &record_obsolete("\$$_") if /\(/;
 }
 m|^\.\s*$| && ($s_symbol = '');  # End of comment
}

# Process the ?C: lines
sub main'load_p_c {
 package main;
 local($_) = @_;
 unless ($c_symbol) {
  if (s/^(\w+)\s*~\s*(\S+)\s*(.*):/$1 $3:/) {
   # The ~ operator aliases the main C symbol to another symbol which
   # is to be used instead for definition in config.h. That is to say,
   #
 the line '?C:SYM ~ other:' would look for symbol 'other' instead,
   # and the documentation for symbol SYM would only be included in
   # config.h if 'other' were actually wanted.
   $c_symbol = $2;   # Alias for definition in config.h
   print "  ?C: $1 ~ $c_symbol\n" if $opt_d;
  } elsif (/^(\w+).*:/) {
   # Default behaviour. Include in config.h if symbol is needed.
   $c_symbol = $1;
   print "  ?C: $c_symbol\n" if $opt_d;
  } else {
   warn "\"$file\", line $.: syntax error in ?C: construct.\n";
   $c_symbol = $unit;
   return;
  }
  # Deal with obsolete symbol list (enclosed between parenthesis) and
  # make sure that list do not appear in config.h.SH by removing it.
  &record_obsolete("$_") if /\(/;
  s/\s*\(.*\)//;     # Get rid of obsolete symbol list
 }
 s|^(\w+)\s*|?$c_symbol:/* $1| ||      # Start of comment
 (s|^\.\s*$|?$c_symbol: */\n| && ($c_symbol = '', 1)) || # End of comment
 s|^(.*)|?$c_symbol: *$1|;        # Middle of comment
 &p_config("$_");     # Add comments
 to config.h.SH
}

# Process the ?H: lines
sub main'load_p_config {
 package main;
```

```
local($_) = @_;
local($constraint);     # Constraint to be used for inclusion
++$old_version if s/^\?%1://;  # Old version
if (s/^\?(\w+)://) {    # Remove leading '?var:'
 $constraint = $1;    # Constraint is leading '?var'
} else {
 $constraint = '';    # No constraint
}
if (/^#.*\$/) {      # Look only for cpp lines
 if (m|^#\$(\w+)\s+(\w+).*\$(\w+)|) {
  # Case: #$d_var VAR "$var"
  $constraint = $2 unless $constraint;
  print "  ?H: ($constraint) #\$$1 $2 \"\$$3\"\n" if $opt_d;
  $cmaster{$2} = undef;
  $cwanted{$2} = "$1\n$3";
 } elsif (m|^#define\s+(\w+)\((.*)\)\s+\$(\w+)|) {
  # Case: #define VAR(x) $var
  $constraint = $1 unless $constraint;
  print "  ?H: ($constraint) #define $1($2) \$$3\n" if $opt_d;
  $cmaster{$1} = undef;
  $cwanted{$1} = $3;
 } elsif (m|^#\$define\s+(\w+)|) {
  # Case: #$define VAR
  $constraint = $1 unless $constraint;
  print "  ?H: ($constraint)
#define $1\n" if $opt_d;
  $cmaster{$1} = undef;
  $cwanted{$1} = "define\n$unit";
 } elsif (m|^#\$(\w+)\s+(\w+)|) {
  # Case: #$d_var VAR
  $constraint = $2 unless $constraint;
  print "  ?H: ($constraint) #\$$1 $2\n" if $opt_d;
  $cmaster{$2} = undef;
  $cwanted{$2} = $1;
 } elsif (m|^#define\s+(\w+).*\$(\w+)|) {
  # Case: #define VAR "$var"
  $constraint = $1 unless $constraint;
  print "  ?H: ($constraint) #define $1 \"\$$2\"\n" if $opt_d;
  $cmaster{$1} = undef;
  $cwanted{$1} = $2;
 } else {
  $constraint = $unit unless $constraint;
  print "  ?H: ($constraint) $_" if $opt_d;
 }
} else {
 print "  ?H: ($constraint) $_" if $opt_d;
}
# If not a single ?H:. line, add the leading constraint
```

```
 s/^\.// || s/^/?$constraint:/;
 print CONF_H;
}

# Process the ?M: lines
sub main'load_p_magic {
 package main;
 local($_) = @_;
 unless ($m_symbol) {
  if (/^(\w+):\s*([\w\s]*)\n$/) {
   # A '?M:sym:' line implies a '?W:%<:sym' since we'll need to know
   # about the wantedness
 of sym later on when building confmagic.h.
   # Buf is sym is wanted, then the C symbol dependencies have to
   # be triggered. That is done by introducing sym in the mwanted
   # array, known by the Wanted file construction process...
   $m_symbol = $1;
   print "  ?M: $m_symbol\n" if $opt_d;
   $mwanted{$m_symbol} = $2;  # Record C dependencies
   &p_wanted("$unit:$m_symbol"); # Build fake ?W: line
  } else {
   warn "\"$file\", line $.: syntax error in ?M: construct.\n";
  }
  return;
 }
 (s/^\.\s*$/?$m_symbol:\n/ && ($m_symbol = '', 1)) || # End of block
 s/^/?$m_symbol:/;
 print MAGIC_H;     # Definition goes to confmagic.h
 print "  ?M: $_" if $opt_d;
}

# Process the ?W: lines
sub main'load_p_wanted {
 package main;
 # Syntax is ?W:<shell symbols>:<C symbols>
 local($active) = $_[0] =~ /^([^:]*):/;  # Symbols to activate
 local($look_symbols) = $_[0] =~ /:(.*)/; # When those are used
 local(@syms) = split(/ /, $look_symbols); # Keep original spacing info
 $active =~ s/\s+/\n/g;      #
 One symbol per line

 # Concatenate quoted strings, so saying something like 'two words' will
 # be introduced as one single symbol "two words".
 local(@symbols);    # Concatenated symbols to look for
 local($concat) = '';   # Concatenation buffer
 foreach (@syms) {
  if (s/^\'//) {
   $concat = $_;
```

```
  } elsif (s/\'$//) {
   push(@symbols, $concat . ' ' . $_);
   $concat = '';
  } else {
   push(@symbols, $_) unless $concat;
   $concat .= ' ' . $_ if $concat;
  }
 }

 local($fake);  # Fake unique shell symbol to reparent C symbol

 # Now record symbols in master and wanted tables
 foreach (@symbols) {
  $cmaster{$_} = undef;     # Asks for look-up in C files
  # Make a fake C symbol and associate that with the wanted symbol
  # so that later we know were it comes from
  $fake = &gensym;
  $cwanted{$_} = "$fake";     # Attached to this symbol
  push(@Master, "?$unit:$fake=");  # Fake initialization
 }
}

# Extract filenames from manifest
sub main'load_extract_filenames {
 package
 main;
 &build_filext;   # Construct &is_cfile and &is_shfile
 print "Extracting filenames (C and SH files) from $NEWMANI...\n"
  unless $opt_s;
 open(NEWMANI,$NEWMANI) || die "Can't open $NEWMANI.\n";
 local($file);
 while (<NEWMANI>) {
  ($file) = split(' ');
  next if $file eq 'config_h.SH';   # skip config_h.SH
  next if $file eq 'Configure';   # also skip Configure
  next if $file eq 'confmagic.h' && $opt_M;
  push(@SHlist, $file) if &is_shfile($file);
  push(@clist, $file) if &is_cfile($file);
 }
}

# Construct two file identifiers based on the file suffix: one for C files,
# and one for SH files (using the $cext and $shext variables) defined in
# the .package file.
# The &is_cfile and &is_shfile routine may then be called to known whether
# a given file is a candidate for holding C or SH symbols.
sub main'load_build_filext {
 package main;
```

```
 &build_extfun('is_cfile', $cext, '.c .h .y .l');
 &build_extfun('is_shfile', $shext, '.SH');
}

# Build routine $name to identify extensions
 listed in $exts, ensuring
# that $minimum is at least matched (both to be backward compatible with
# older .package and because it is really the minimum requirred).
sub main'load_build_extfun {
 package main;
 local($name, $exts, $minimum) = @_;
 local(@single);  # Single letter dot extensions (may be grouped)
 local(@others);  # Other extensions
 local(%seen);  # Avoid duplicate extensions
 foreach $ext (split(' ', "$exts $minimum")) {
  next if $seen{$ext}++;
  if ($ext =~ s/^\.(\w)$/$1/) {
   push(@single, $ext);
  } else {
   # Convert into perl's regexp
   $ext =~ s/\./\\./g;  # Escape .
   $ext =~ s/\?/./g;  # ? turns into .
   $ext =~ s/\*/.*/g;  # * turns into .*
   push(@others, $ext);
  }
 }
 local($fn) = &q(<<EOF);  # Function being built
:sub $name {
: local(\$_) = \@_;
EOF
 local($single);  # Single regexp: .c .h grouped into .[ch]
 $single = '\.[' . join('', @single) . ']' if @single;
 $fn .= &q(<<EOL) if @single;
: return 1 if /$single\$/;
EOL
 foreach $ext (@others)
 {
  $fn .= &q(<<EOL);
: return 1 if /$ext\$/;
EOL
 }
 $fn .= &q(<<EOF);
: 0; # None of the extensions may be applied to file name
:}
EOF
 print $fn if $opt_d;
 eval $fn;
 chop($@) && die "Can't compile '$name':\n$fn\n$@.\n";
```

```
}

# Remove ':' quotations in front of the lines
sub main'load_q {
 package main;
 local($_) = @_;
 local($*) = 1;
 s/^://g;
 $_;
}

# The %Depend array records the functions we use to process the configuration
# lines in the unit, with a special meaning. It is important that all the
# known control symbols be listed below, so that metalint does not complain.
# The %Lcmp array contains valid layouts and their comparaison value.
sub main'load_init_depend {
 package main;
 %Depend = (
  'MAKE', 'p_make',    # The ?MAKE: line records dependencies
  'INIT', 'p_init',    # Initializations printed verbatim
  'LINT', 'p_lint',    # Hints for metalint
  'RCS', 'p_ignore',    # RCS comments are ignored
  'C', 'p_c',      # C symbols
  'D', 'p_default',    # Default value
 for conditional symbols
  'E', 'p_example',    # Example of usage
  'F', 'p_file',     # Produced files
  'H', 'p_config',    # Process the config.h lines
  'I', 'p_include',    # Added includes
  'L', 'p_library',    # Added libraries
  'M', 'p_magic',     # Process the confmagic.h lines
  'O', 'p_obsolete',    # Unit obsolescence
  'P', 'p_public',    # Location of PD implementation file
  'S', 'p_shell',     # Shell variables
  'T', 'p_temp',     # Shell temporaries used
  'V', 'p_visible',    # Visible symbols like 'rp', 'dflt'
  'W', 'p_wanted',    # Wanted value for interpreter
  'X', 'p_ignore',    # User comment is ignored
  'Y', 'p_layout',    # User-defined layout preference
 );
 %Lcmp = (
  'top',  -1,
  'default', 0,
  'bottom', 1,
 );
}

# Extract dependencies from units held in @ARGV
```

```
sub main'load_extract_dependencies {
 package main;
 local($proc);      # Procedure used to handle a ctrl line
 local($file);      # Current file scanned
 local($dir, $unit);     # Directory
 and unit's name
 local($old_version) = 0;   # True when old-version unit detected
 local($mc) = "$MC/U";    # Public metaconfig directory
 local($line);      # Last processed line for metalint

 printf "Extracting dependency lists from %d units...\n", $#ARGV+1
  unless $opt_s;

 chdir $WD;       # Back to working directory
 &init_extraction;     # Initialize extraction files
 $dependencies = ' ' x (50 * @ARGV); # Pre-extend
 $dependencies = '';

 # We do not want to use the <> construct here, because we need the
 # name of the opened files (to get the unit's name) and we want to
 # reset the line number for each files, and do some pre-processing.

 file: while ($file = shift(@ARGV)) {
  close FILE;      # Reset line number
  $old_version = 0;    # True if unit is an old version
  if (open(FILE, $file)) {
   ($dir, $unit) = ('', $file)
    unless ($dir, $unit) = ($file =~ m|(.*)/(.*)|);
   $unit =~ s|\.U$||;   # Remove extension
  } else {
   warn("Can't open $file.\n");
  }
  # If
 unit is in the standard public directory, keep only the unit name
  $file = "$unit.U" if $dir eq $mc;
  print "$dir/$unit.U:\n" if $opt_d;
  line: while (<FILE>) {
   $line = $_;     # Save last processed unit line
   if (s/^\?([\w\-]+):// ) {  # We may have found a control line
    $proc = $Depend{$1}; # Look for a procedure to handle it
    unless ($proc) {  # Unknown control line
     $proc = $1;   # p_unknown expects symbol in '$proc'
     eval '&p_unknown'; # Signal error (metalint only)
     next line;   # And go on next line
    }
    # Long lines may be escaped with a final backslash
    $_ .= &complete_line(FILE) if s/\\\s*$//;
    # Run macros substitutions
```

```
    s/%</$unit/g;   # %< expands into the unit's name
    if (s/%\*/$unit/) {
     # %* expanded into the entire set of defined symbols
     # in the old version. Now it is only the unit's name.
     ++$old_version;
    }
    eval { &$proc($_) };  # Process the line
   } else {
    next file unless $body;  # No procedure to
 handle body
    do {
     $line = $_;    # Save last processed unit line
     eval { &$body($_) } ; # From now on, it's the unit body
    } while (defined ($_ = <FILE>));
    next file;
   }
  }
 } continue {
  warn("    Warning: $file is a pre-3.0 version.\n") if $old_version;
  &$ending($line) if $ending;   # Post-processing for metalint
 }

 &end_extraction;  # End the extraction process
}

# The first line was escaped with a final \ character. Every following line
# is to be appended to it (until we found a real \n not escaped). Note that
# the leading spaces of the continuation line are removed, so any space should
# be added before the former \ if needed.
sub main'load_complete_line {
 package main;
 local($file) = @_;  # File where lines come from
 local($_);
 local($read) = '';  # Concatenation of all the continuation lines found
 while (<$file>) {
  s/^\s+//;    # Remove leading spaces
  if (s/\\\s*$//) {  # Still followed by a continuation line
   $read .= $_;
  } else {    #
 We've reached the end of the continuation
   return $read . $_;
  }
 }
}

# Record obsolete symbols association (new versus old), that is to say for a
# given old symbol, $Obsolete{'old'} = new symbol to be used. A '$' is prepended
# for all shell variables
```

```
sub main'load_record_obsolete {
 package main;
 local($_) = @_;
 local(@obsoleted);     # List of obsolete symbols
 local($symbol);      # New symbol which must be used
 local($dollar) = s/^\$// ? '$':''; # The '$' or a null string
 # Syntax for obsolete symbols specification is
 #    list of symbols (obsolete ones):
 if (/^(\w+)\s*\((.*)\)\s*:$/) {
  $symbol = "$dollar$1";
  @obsoleted = split(' ', $2);  # List of obsolete symbols
 } else {
  if (/^(\w+)\s*\((.*):$/) {
   warn "\"$file\", line $.: final ')' before ':' missing.\n";
   $symbol = "$dollar$1";
   @obsoleted = split(' ', $2);
  } else {
   warn "\"$file\", line $.: syntax error.\n";
   return;
  }
 }
 foreach $val (@obsoleted) {
  $_ = $dollar . $val;
  if (defined $Obsolete{$_})
  {
  warn "\"$file\", line $.: '$_' already obsoleted by '$Obsolete{$_}'.\n";
  } else {
   $Obsolete{$_} = $symbol; # Record (old, new) tuple
  }
 }
}

# Dump obsolete symbols used in file 'Obsolete'. Also write Obsol_h.U and
# Obsol_sh.U to record old versus new mappings if the -o option was used.
sub main'load_dump_obsolete {
 package main;
 unless (-f 'Obsolete') {
  open(OBSOLETE, ">Obsolete") || die "Can't create Obsolete.\n";
 }
 open(OBSOL_H, ">.MT/Obsol_h.U") || die "Can't create .MT/Obsol_h.U.\n";
 open(OBSOL_SH, ">.MT/Obsol_sh.U") || die "Can't create .MT/Obsol_sh.U.\n";
 local($file);      # File where obsolete symbol was found
 local($old);      # Name of this old symbol
 local($new);      # Value of the new symbol to be used
 # Leave a blank line at the top so that anny added ^L will stand on a line
 # by itself (the formatting process adds a ^L when a new page is needed).
 format OBSOLETE_TOP =
```

```
            File                |      Old symbol      |
  New symbol
-----------------------------------+----------------------+----------------------
.
 format OBSOLETE =
@<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<< | @<<<<<<<<<<<<<<<<<<<<< | @<<<<<<<<<<<<<<<<<<<<<
$file,                          $old,                $new
.
 local(%seen);
 foreach $key (sort keys %ofound) {
  ($file, $old, $new) = ($key =~ /^(\S+)\s+(\S+)\s+(\S+)/);
  write(OBSOLETE) unless $file eq 'XXX';
  next unless $opt_o;    # Obsolete mapping done only with -o
  next if $seen{$old}++;   # Already remapped, thank you
  if ($new =~ s/^\$//) {   # We found an obsolete shell symbol
   $old =~ s/^\$//;
   print OBSOL_SH "$old=\"\$$new\"\n";
  } else {      # We found an obsolete C symbol
   print OBSOL_H "#ifdef $new\n";
   print OBSOL_H "#define $old $new\n";
   print OBSOL_H "#endif\n\n";
  }
 }
 close OBSOLETE;
 close OBSOL_H;
 close OBSOL_SH;
 if (-s 'Obsolete') {
  print "*** Obsolete symbols found -- see file 'Obsolete' for a list.\n";
 } else {
  unlink 'Obsolete';
 }
 undef
 %ofound;    # Not needed any more
}

# Parse files and build cross references
sub main'load_build_xref {
 package main;
 print "Building cross-reference files...\n" unless $opt_s;
 unless (-f $NEWMANI) {
  &manifake;
  die "No $NEWMANI--don't know who to scan.\n" unless -f $NEWMANI;
 }

 open(FUI, "|sort | uniq >I.fui") || die "Can't create I.fui.\n";
 open(UIF, "|sort | uniq >I.uif") || die "Can't create I.uif.\n";

 local($search);       # Where to-be-evaled script is held
```

```
local($_) = ' ' x 50000 if $opt_m;  # Pre-extend pattern search space
local(%visited);      # Records visited files
local(%lastfound);      # Where last occurence of key was

# Map shell symbol names to units by reverse engineering the @Master array
# which records all the known shell symbols and the units where they
# are defined.
foreach $init (@Master) {
 $init =~ /^\?(.*):(.*)="/ && ($shwanted{"\$$2"} = $1);
}

# Now we are a little clever, and build a loop to eval so that we don't
# have to recompile
our patterns on every file.  We also use "study" since
# we are searching the same string for many different things.  Hauls!

if (@clist) {
 print "    Scanning .[chyl] files for symbols...\n" unless $opt_s;
 $search = ' ' x (40 * (@cmaster + @ocmaster)); # Pre-extend
 $search = "while (<>) {study;\n";    # Init loop over ARGV
 foreach $key (keys(cmaster)) {
  $search .= "\$cmaster{'$key'} .= \"\$ARGV#\" if /\\b$key\\b/;\n";
 }
 foreach $key (grep(!/^\$/, keys %Obsolete)) {
  $search .= "&ofound('$key') if /\\b$key\\b/;\n";
 }
 $search .= "}\n";   # terminate loop
 print $search if $opt_d;
 @ARGV = @clist;
 # Swallow each file as a whole, if memory is available
 undef $/ if $opt_m;
 eval $search;
 eval '';
 $/ = "\n";
 while (($key,$value) = each(cmaster)) {
  next if $value eq '';
  foreach $file (sort(split(/#/, $value))) {
   next if $file eq '';
   # %cwanted may contain value separated by \n -- take last one
   @sym = split(/\n/, $cwanted{$key});
   $sym
= pop(@sym);
   $shell = "\$$sym";
   print FUI
    pack("A35", $file),
    pack("A20", "$shwanted{$shell}.U"),
    $key, "\n";
   print UIF
```

```
    pack("A20", "$shwanted{$shell}.U"),
    pack("A25", $key),
    $file, "\n";
  }
 }
}

undef @clist;
undef %cwanted;
undef %cmaster;  # We're not building Configure, we may delete this
%visited = ();
%lastfound = ();

if (@SHlist) {
 print "    Scanning .SH files for symbols...\n" unless $opt_s;
 $search = ' ' x (40 * (@shmaster + @oshmaster)); # Pre-extend
 $search = "while (<>) {study;\n";
 # All the keys already have a leading '$'
 foreach $key (keys(shmaster)) {
  $search .= "\$shmaster{'$key'} .= \"\$ARGV#\" if /\\$key\\b/;\n";
 }
 foreach $key (grep (/^\$/, keys %Obsolete)) {
  $search .= "&ofound('$key') if /\\$key\\b/;\n";
 }
 $search .= "}\n";
 print $search if $opt_d;
 @ARGV = @SHlist;
 # Swallow each file as a whole, if memory is available
 undef $/ if $opt_m;
 eval $search;
 eval '';
 $/ =
"\n";
 while (($key,$value) = each(shmaster)) {
  next if $value eq '';
  foreach $file (sort(split(/#/, $value))) {
   next if $file eq '';
   print FUI
    pack("A35", $file),
    pack("A20", "$shwanted{$key}.U"),
    $key, "\n";
   print UIF
    pack("A20", "$shwanted{$key}.U"),
    pack("A25", $key),
    $file, "\n";
  }
 }
}
```

```
 close FUI;
 close UIF;

 # If obsolete symbols where found, write an Obsolete file which lists where
 # each of them appear and the new symbol to be used. Also write Obsol_h.U
 # and Obsol_sh.U in .MT for later perusal.

 &dump_obsolete;      # Dump obsolete symbols if any

 # Clean-up memory by freeing useless data structures
 undef @SHlist;
 undef %shmaster;
}

# This routine records matches of obsolete keys (C or shell)
sub main'load_ofound {
 package main;
 local($key) = @_;
 local($_) = $Obsolete{$key};  # Value of new symbol
 $ofound{"$ARGV $key $_"}++;   # Record obsolete match
 $cmaster{$_} .= "$ARGV#" unless /^\$/; # A C hit
 $shmaster{$_}
 .= "$ARGV#" if /^\$/;  # Or a shell one
}

# Create a new symbol name each time it is invoked. That name is suitable for
# usage as a perl variable name.
sub main'load_gensym {
 package main;
 $Gensym = 'AAAAA' unless $Gensym;
 $Gensym++;
}

sub main'load_manifake {
 package main;
   # make MANIFEST and MANIFEST.new say the same thing
   if (! -f $NEWMANI) {
       if (-f $MANI) {
           open(IN,$MANI) || die "Can't open $MANI";
           open(OUT,">$NEWMANI") || die "Can't create $NEWMANI";
           while (<IN>) {
               if (/---/) {
     # Everything until now was a header...
     close OUT;
     open(OUT,">$NEWMANI") ||
      die "Can't recreate $NEWMANI";
     next;
```

```
    }
            s/^\s*(\S+\s+)[0-9]*\s*(.*)/$1$2/;
    print OUT;
    print OUT "\n" unless /\n$/; # If no description
          }
          close IN;
   close OUT;
       }
       else {
die "You need to make a $NEWMANI file, with names and descriptions.\n";
       }
   }
}

#
 Perform ~name expansion ala ksh...
# (banish csh from your vocabulary ;-)
sub main'load_tilda_expand {
 package main;
 local($path) = @_;
 return $path unless $path =~ /^~/;
 $path =~ s:^~([^/]+):(getpwnam($1))[$[+7]:e;   # ~name
 $path =~ s:^~:$ENV{'HOME'} || (getpwuid($<))[$[+7]:e; # ~
 $path;
}

# Set up profile components into %Profile, add any profile-supplied options
# into @ARGV and return the command invocation name.
sub main'load_profile {
 package main;
 local($profile) = &tilda_expand($ENV{'DIST'} || '~/.dist_profile');
 local($me) = $0;  # Command name
 $me =~ s|.*/(.*)|$1|; # Keep only base name
 return $me unless -s $profile;
 local(*PROFILE);  # Local file descriptor
 local($options) = ''; # Options we get back from profile
 unless (open(PROFILE, $profile)) {
  warn "$me: cannot open $profile: $!\n";
  return;
 }
 local($_);
 local($component);
 while (<PROFILE>) {
  next if /^\s*#/; # Skip comments
  next unless /^$me/o;
  if (s/^$me://o) { # progname: options
   chop;
   $options
```

```
 .= $_; # Merge options if more than one line
  }
  elsif (s/^$me-([^:]+)://o) { # progname-component: value
   $component = $1;
   chop;
   s/^\s+//;  # Trim leading and trailing spaces
   s/\s+$//;
   $Profile{$component} = $_;
  }
 }
 close PROFILE;
 return unless $options;
 require 'shellwords.pl';
 local(@opts);
 eval '@opts = &shellwords($options)'; # Protect against mismatched quotes
 unshift(@ARGV, @opts);
 return $me;    # Return our invocation name
}

#
# End of dataloading section.
#
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/bin/metaxref
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_PRId64 d_PRIi64 d_PRIu64 d_PRIo64 d_PRIx64 d_PRIXU64 \
 sPRId64 sPRIi64 sPRIu64 sPRIo64 sPRIx64 sPRIXU64: \
 quadtype i_inttypes test cat rm_try Setvar Compile run
?MAKE: -pick add $@ %<
?S:d_PRId64:
?S: This variable conditionally defines the PERL_PRId64 symbol, which
?S: indicates that stdio has a symbol to print 64-bit decimal numbers.
?S:.
?S:d_PRIi64:
?S: This variable conditionally defines the PERL_PRIi64 symbol, which
?S: indicates that stdio has a symbol to print 64-bit decimal numbers.
?S:.
?S:d_PRIu64:
```

?S: This variable conditionally defines the PERL_PRIu64 symbol, which
?S: indicates that stdio has a symbol to print 64-bit unsigned decimal
?S: numbers.
?S:.
?S:d_PRIo64:
?S: This variable
 conditionally defines the PERL_PRIo64 symbol, which
?S: indicates that stdio has a symbol to print 64-bit octal numbers.
?S:.
?S:d_PRIx64:
?S: This variable conditionally defines the PERL_PRIx64 symbol, which
?S: indicates that stdio has a symbol to print 64-bit hexadecimal numbers.
?S:.
?S:d_PRIXU64:
?S: This variable conditionally defines the PERL_PRIXU64 symbol, which
?S: indicates that stdio has a symbol to print 64-bit hExADECimAl numbers.
?S: The 'U' in the name is to separate this from d_PRIx64 so that even
?S: case-blind systems can see the difference.
?S:.
?S:sPRId64:
?S: This variable, if defined, contains the string used by stdio to
?S: format 64-bit decimal numbers (format 'd') for output.
?S:.
?S:sPRIi64:
?S: This variable, if defined, contains the string used by stdio to
?S: format 64-bit decimal numbers (format 'i') for output.
?S:.
?S:sPRIu64:
?S: This variable, if defined, contains the string used by stdio to
?S: format 64-bit unsigned decimal numbers (format 'u')
 for output.
?S:.
?S:sPRIo64:
?S: This variable, if defined, contains the string used by stdio to
?S: format 64-bit octal numbers (format 'o') for output.
?S:.
?S:sPRIx64:
?S: This variable, if defined, contains the string used by stdio to
?S: format 64-bit hexadecimal numbers (format 'x') for output.
?S:.
?S:sPRIXU64:
?S: This variable, if defined, contains the string used by stdio to
?S: format 64-bit hExADECimAl numbers (format 'X') for output.
?S: The 'U' in the name is to separate this from sPRIx64 so that even
?S: case-blind systems can see the difference.
?S:.
?C:PERL_PRId64:
?C: This symbol, if defined, contains the string used by stdio to

```
?C: format 64-bit decimal numbers (format 'd') for output.
?C:.
?C:PERL_PRIi64:
?C: This symbol, if defined, contains the string used by stdio to
?C: format 64-bit decimal numbers (format 'i') for output.
?C:.
?C:PERL_PRIu64:
?C: This symbol, if defined, contains the string used by stdio to
?C: format 64-bit unsigned decimal numbers (format 'u')
 for output.
?C:.
?C:PERL_PRIo64:
?C: This symbol, if defined, contains the string used by stdio to
?C: format 64-bit octal numbers (format 'o') for output.
?C:.
?C:PERL_PRIx64:
?C: This symbol, if defined, contains the string used by stdio to
?C: format 64-bit hexadecimal numbers (format 'x') for output.
?C:.
?C:PERL_PRIXU64:
?C: This symbol, if defined, contains the string used by stdio to
?C: format 64-bit hExADECimAl numbers (format 'X') for output.
?C:.
?H:#$d_PRId64 PERL_PRId64 $sPRId64 /**/
?H:#$d_PRIi64 PERL_PRIi64 $sPRIi64 /**/
?H:#$d_PRIu64 PERL_PRIu64 $sPRIu64 /**/
?H:#$d_PRIo64 PERL_PRIo64 $sPRIo64 /**/
?H:#$d_PRIx64 PERL_PRIx64 $sPRIx64 /**/
?H:#$d_PRIx64 PERL_PRIXU64 $sPRIXU64 /**/
?H:.
?T:yyy
?F:!try
: Check 64bit sizes
echo " "

if $test X"$quadtype" != X; then

echo "Checking how to print 64-bit integers..." >&4

if $test X"$sPRId64" = X -a X"$quadtype" = Xint; then
 $cat >try.c <<'EOCP'
#include <sys/types.h>
#include <stdio.h>
int main() {
 int q = 12345678901;

 printf("%ld\n", q);
}
```

```
EOCP
 set try
 if eval $compile; then
  yyy=`$run ./try`
  case "$yyy" in
  12345678901)
   sPRId64="'d'"; sPRIi64="'i'"; sPRIu64="'u'";
   sPRIo64="'o'"; sPRIx64="'x'"; sPRIXU64="'X'";
   echo "We will use %d."
   ;;
  esac
 fi
fi

if $test X"$sPRId64" = X -a X"$quadtype" = Xlong; then
 $cat >try.c <<'EOCP'
#include <sys/types.h>
#include <stdio.h>
int main() {
 long q = 12345678901;
 printf("%ld\n", q);
}
EOCP
 set try
 if eval $compile; then
  yyy=`$run ./try`
  case "$yyy" in
  12345678901)
   sPRId64="'ld'"; sPRIi64="'li'"; sPRIu64="'lu'";
   sPRIo64="'lo'"; sPRIx64="'lx'"; sPRIXU64="'lX'";
   echo "We will use %ld."
   ;;
  esac
 fi
fi

if $test X"$sPRId64" = X -a X"$i_inttypes" = X"$define" -a X"$quadtype" = Xint64_t; then
 $cat >try.c <<'EOCP'
#include <sys/types.h>
#include <inttypes.h>
#include <stdio.h>
int main() {
 int64_t q = 12345678901;
 printf("%" PRId64 "\n", q);
}
EOCP
 set try
 if eval $compile; then
```

```
  yyy=`$run ./try`
  case "$yyy" in
  12345678901)
   sPRId64=PRId64;
 sPRIi64=PRIi64; sPRIu64=PRIu64;
   sPRIo64=PRIo64; sPRIx64=PRIx64; sPRIXU64=PRIXU64;
   echo "We will use the C9X style."
   ;;
  esac
 fi
fi

if $test X"$sPRId64" = X -a X"$quadtype" != X; then
 $cat >try.c <<EOCP
#include <sys/types.h>
#include <stdio.h>
int main() {
 $quadtype q = 12345678901;
 printf("%Ld\n", q);
}
EOCP
 set try
 if eval $compile; then
  yyy=`$run ./try`
  case "$yyy" in
  12345678901)
   sPRId64='"Ld"'; sPRIi64='"Li"'; sPRIu64='"Lu"';
   sPRIo64='"Lo"'; sPRIx64='"Lx"'; sPRIXU64='"LX"';
   echo "We will use %Ld."
   ;;
  esac
 fi
fi

if $test X"$sPRId64" = X -a X"$quadtype" = X"long long"; then
 $cat >try.c <<'EOCP'
#include <sys/types.h>
#include <stdio.h>
int main() {
 long long q = 12345678901LL; /* AIX cc requires the LL suffix. */
 printf("%lld\n", q);
}
EOCP
 set try
 if eval $compile; then
  yyy=`$run ./try`
  case "$yyy" in
  12345678901)
```

```
   sPRId64='"lld"'; sPRIi64='"lli"'; sPRIu64='"llu"';
   sPRIo64='"llo"'; sPRIx64='"llx"';
 sPRIXU64='"llX"';
   echo "We will use the %lld style."
   ;;
  esac
 fi
fi

if $test X"$sPRId64" = X -a X"$quadtype" != X; then
 $cat >try.c <<EOCP
#include <sys/types.h>
#include <stdio.h>
int main() {
 $quadtype q = 12345678901;
 printf("%qd\n", q);
}
EOCP
 set try
 if eval $compile; then
  yyy=`$run ./try`
  case "$yyy" in
  12345678901)
   sPRId64='"qd"'; sPRIi64='"qi"'; sPRIu64='"qu"';
   sPRIo64='"qo"'; sPRIx64='"qx"'; sPRIXU64='"qX"';
   echo "We will use %qd."
   ;;
  esac
 fi
fi

if $test X"$sPRId64" = X; then
 echo "Cannot figure out how to print 64-bit integers." >&4
fi
$rm_try

fi

case "$sPRId64" in
") d_PRId64="$undef"; d_PRIi64="$undef"; d_PRIu64="$undef";
 d_PRIo64="$undef"; d_PRIx64="$undef"; d_PRIXU64="$undef";
 ;;
*) d_PRId64="$define"; d_PRIi64="$define"; d_PRIu64="$define";
 d_PRIo64="$define"; d_PRIx64="$define"; d_PRIXU64="$define";
 ;;
esac
```

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/quadfio.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: perlpath.U,v $
?RCS: Revision 3.0.1.2  1995/09/25  09:17:04  ram
?RCS: patch59: unit is now forced to the top of Configure, if possible
?RCS:
?RCS: Revision 3.0.1.1  1995/01/11  15:33:53  ram
?RCS: patch45: can now use Loc variables since path stripping is deferred
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:32  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: The purpose of this unit is to locate perl good enough to construct a #!
?X:
?MAKE:perlpath: Getfile Oldconfig Loc perl
?MAKE: -pick
 add $@ %<
?Y:TOP
?S:perlpath:
?S: This variable contains the eventual value of the PERLPATH symbol,
?S: which contains the absolute location of the perl interpreter.
?S:.
?C:PERLPATH:
?C: This symbol contains the absolute location of the perl interpreter.
?C:.
?H:#define PERLPATH "$perlpath"  /**/
?H:.
: determine perl absolute location
case "$perlpath" in
")
 if test -f /usr/bin/perl; then
  dflt=/usr/bin/perl
 else
  case "$perl" in
  */*) dflt="$perl";;
```

```
  *) dflt=/usr/bin/perl;;
  esac
 fi
 ;;
*)  dflt="$perlpath"
 ;;
esac
echo " "
fn=f~/
rp="Where is perl located on your system?"
. ./getfile
perlpath="$ans"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/perlpath.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: mallocsrc.U,v 3.0.1.2 1997/02/28 16:10:26 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: mallocsrc.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  16:10:26  ram
?RCS: patch61: added support for Free_t, the type of free()
?RCS: patch61: replaced .o with $_o all over the place
?RCS:
?RCS: Revision 3.0.1.1  1994/05/06  15:10:46  ram
?RCS: patch23: added support for MYMALLOC, mainly  for perl5 (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:12  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:mallocsrc mallocobj usemallocwrap usemymalloc
 malloctype d_mymalloc \
 freetype: Myread \
 Oldconfig package Guess Setvar rm cat +cc +ccflags Findhdr \
 i_malloc i_stdlib sed libs _o ptrsize useithreads
?MAKE: -pick add $@ %<
?X: Put near top so that other tests don't erroneously include
?X: -lmalloc.  --AD  22 June 1998
?Y:TOP
```

```
?S:usemymalloc:
?S: This variable contains y if the malloc that comes with this package
?S: is desired over the system's version of malloc.  People often include
?S: special versions of malloc for efficiency, but such versions are often
?S: less portable.  See also mallocsrc and mallocobj.
?S: If this is 'y', then -lmalloc is removed from $libs.
?S:.
?S:usemallocwrap:
?S: This variable contains y if we are wrapping malloc to prevent
?S: integer overflow during size calculations.
?S:.
?S:mallocsrc:
?S: This variable contains the name of the malloc.c that comes with
?S: the package, if that malloc.c is preferred over the system malloc.
?S: Otherwise the value is null.  This variable is intended for generating
?S: Makefiles.
?S:.
?S:d_mymalloc:
?S: This
 variable conditionally defines MYMALLOC in case other parts
?S: of the source want to take special action if MYMALLOC is used.
?S: This may include different sorts of profiling or error detection.
?S:.
?S:mallocobj:
?S: This variable contains the name of the malloc.o that this package
?S: generates, if that malloc.o is preferred over the system malloc.
?S: Otherwise the value is null.  This variable is intended for generating
?S: Makefiles.  See mallocsrc.
?S:.
?S:freetype:
?S: This variable contains the return type of free().  It is usually
?S: void, but occasionally int.
?S:.
?S:malloctype:
?S: This variable contains the kind of ptr returned by malloc and realloc.
?S:.
?C:Free_t:
?C: This variable contains the return type of free().  It is usually
?C: void, but occasionally int.
?C:.
?C:Malloc_t (MALLOCPTRTYPE):
?C: This symbol is the type of pointer returned by malloc and realloc.
?C:.
?H:#define Malloc_t $malloctype   /**/
?H:#define Free_t
 $freetype   /**/
?H:.
?C:PERL_MALLOC_WRAP:
```

```
?C: This symbol, if defined, indicates that we'd like malloc wrap checks.
?C:.
?H:#$usemallocwrap PERL_MALLOC_WRAP  /**/
?H:.
?C:MYMALLOC:
?C: This symbol, if defined, indicates that we're using our own malloc.
?C:.
?H:#$d_mymalloc MYMALLOC   /**/
?H:.
?LINT:extern usedevel
?LINT:change libs
?X: Cannot test for mallocsrc; it is the unit's name and there is a bug in
?X: the interpreter which defines all the names, even though they are not used.
@if mallocobj
: determine whether to use malloc wrapping
echo " "
case "$usemallocwrap" in
[yY]*|true|$define) dflt='y' ;;
[nN]*|false|$undef) dflt='n' ;;
*) case "$usedevel" in
 [yY]*|true|$define) dflt='y' ;;
 *) dflt='n' ;;
 esac
 ;;
esac
rp="Do you wish to wrap malloc calls to protect against potential overflows?"
. ./myread
usemallocwrap="$ans"
case "$ans" in
y*|true)
 usemallocwrap="$define" ;;
*)
 usemallocwrap="$undef" ;;
esac

: determine which malloc to compile in
echo " "
case "$usemymalloc"
 in
[yY]*|true|$define) dflt='y' ;;
[nN]*|false|$undef) dflt='n' ;;
*) case "$ptrsize" in
 4) dflt='y' ;;
 *) dflt='n' ;;
 esac
 if test "$useithreads" = "$define"; then dflt='n'; fi
 ;;
esac
```

```
rp="Do you wish to attempt to use the malloc that comes with $package?"
. ./myread
usemymalloc="$ans"
case "$ans" in
y*|true)
 usemymalloc='y'
 mallocsrc='malloc.c'
 mallocobj="malloc$_o"
 d_mymalloc="$define"
?X: Maybe libs.U should be dependent on mallocsrc.U, but then
?X: most packages that use dist probably don't supply their own
?X: malloc, so this is probably an o.k. compromise
 case "$libs" in
 *-lmalloc*)
  : Remove malloc from list of libraries to use
  echo "Removing unneeded -lmalloc from library list" >&4
  set `echo X $libs | $sed -e 's/-lmalloc / /' -e 's/-lmalloc$//'`
  shift
  libs="$*"
  echo "libs = $libs" >&4
  ;;
 esac
 ;;
*)
 usemymalloc='n'
 mallocsrc=''
 mallocobj=''
 d_mymalloc="$undef"
 ;;
esac

@end
@if MALLOCPTRTYPE || Malloc_t || Free_t
: compute the return types of
 malloc and free
echo " "
$cat >malloc.c <<END
#$i_malloc I_MALLOC
#$i_stdlib I_STDLIB
#include <stdio.h>
#include <sys/types.h>
#ifdef I_MALLOC
#include <malloc.h>
#endif
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#ifdef TRY_MALLOC
```

```
void *malloc();
#endif
#ifdef TRY_FREE
void free();
#endif
END
@if MALLOCPTRTYPE || Malloc_t
case "$malloctype" in
")
 if $cc $ccflags -c -DTRY_MALLOC malloc.c >/dev/null 2>&1; then
  malloctype='void *'
 else
  malloctype='char *'
 fi
 ;;
esac
echo "Your system wants malloc to return '$malloctype', it would seem." >&4
@end

@if Free_t
case "$freetype" in
")
 if $cc $ccflags -c -DTRY_FREE malloc.c >/dev/null 2>&1; then
  freetype='void'
 else
  freetype='int'
 fi
 ;;
esac
echo "Your system uses $freetype free(), it would seem." >&4
@end
$rm -f malloc.[co]
@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/mallocsrc.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
?RCS: Original Author: Tye McQueen <tye@metronet.com>
?RCS:
?RCS: $Log: d_stdstdio.U,v $
?RCS: Revision 3.0.1.3  1997/02/28  15:46:32  ram
?RCS: patch61: merged with perl5's unit
?RCS:
?RCS: Revision 3.0.1.2  1995/07/25  14:06:54  ram
?RCS: patch56: typo fix on ?C: line for FILE_bufsiz
?RCS: patch56: fixed unbalanced parenthesis (ADO)
?RCS: patch56: check whether FILE_cnt and FILE_ptr can be assigned to (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1995/05/12  12:12:11  ram
?RCS: patch54: complete rewrite by Tye McQueen
 to fit modern systems
?RCS:
?RCS: Revision 3.0  1993/08/18  12:07:31  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_stdstdio d_stdiobase stdio_ptr stdio_cnt stdio_base \
 stdio_bufsiz d_stdio_cnt_lval d_stdio_ptr_lval stdio_filbuf: cat \
 +cc +ccflags contains +ldflags +libs rm_try \
 Setvar Findhdr Oldconfig
?MAKE: -pick add $@ %<
?S:d_stdstdio:
?S: This variable conditionally defines USE_STDIO_PTR if this system
?S: has a FILE structure declaring usable _ptr and _cnt fields (or
?S: equivalent) in stdio.h.
?S:.
?S:stdio_ptr:
?S: This variable defines how, given a FILE pointer, fp, to access the
?S: _ptr field (or equivalent) of stdio.h's FILE structure.  This will
?S: be used to define the macro FILE_ptr(fp).
?S:.
?S:d_stdio_ptr_lval:
?S: This variable conditionally defines STDIO_PTR_LVALUE if the
?S: FILE_ptr macro can be used as an lvalue.
?S:.
?S:stdio_cnt:
?S: This variable defines how, given a FILE pointer, fp, to access the
?S: _cnt field (or equivalent) of
 stdio.h's FILE structure.  This will
?S: be used to define the macro FILE_cnt(fp).
?S:.
?S:d_stdio_cnt_lval:
?S: This variable conditionally defines STDIO_CNT_LVALUE if the
?S: FILE_cnt macro can be used as an lvalue.
?S:.
```

```
?S:stdio_filbuf:
?S: This variable defines how, given a FILE pointer, fp, to tell
?S: stdio to refill it's internal buffers (?).  This will
?S: be used to define the macro FILE_filbuf(fp).
?S:.
?S:d_stdiobase:
?S: This variable conditionally defines USE_STDIO_BASE if this system
?S: has a FILE structure declaring a usable _base field (or equivalent)
?S: in stdio.h.
?S:.
?S:stdio_base:
?S: This variable defines how, given a FILE pointer, fp, to access the
?S: _base field (or equivalent) of stdio.h's FILE structure.  This will
?S: be used to define the macro FILE_base(fp).
?S:.
?S:stdio_bufsiz:
?S: This variable defines how, given a FILE pointer, fp, to determine
?S: the number of bytes store in the I/O buffer pointer to by the
?S: _base field (or equivalent) of stdio.h's
 FILE structure.  This will
?S: be used to define the macro FILE_bufsiz(fp).
?S:.
?C:USE_STDIO_PTR ~ d_stdstdio (USE_STD_STDIO STDSTDIO):
?C: This symbol is defined if the _ptr and _cnt fields (or similar)
?C: of the stdio FILE structure can be used to access the stdio buffer
?C: for a file handle.  If this is defined, then the FILE_ptr(fp)
?C: and FILE_cnt(fp) macros will also be defined and should be used
?C: to access these fields.
?C:.
?C:FILE_ptr:
?C: This macro is used to access the _ptr field (or equivalent) of the
?C: FILE structure pointed to by its argument. This macro will always be
?C: defined if USE_STDIO_PTR is defined.
?C:.
?C:STDIO_PTR_LVALUE:
?C: This symbol is defined if the FILE_ptr macro can be used as an
?C: lvalue.
?C:.
?C:FILE_cnt:
?C: This macro is used to access the _cnt field (or equivalent) of the
?C: FILE structure pointed to by its argument. This macro will always be
?C: defined if USE_STDIO_PTR is defined.
?C:.
?C:STDIO_CNT_LVALUE:
?C: This symbol is defined
 if the FILE_cnt macro can be used as an
?C: lvalue.
?C:.
```

```
?C:FILE_filbuf:
?C: This macro is used to access the internal stdio _filbuf function
?C: (or equivalent), if STDIO_CNT_LVALUE and STDIO_PTR_LVALUE
?C: are defined.  It is typically either _filbuf or __filbuf.
?C: This macro will only be defined if both STDIO_CNT_LVALUE and
?C: STDIO_PTR_LVALUE are defined.
?C:.
?H:?d_stdstdio:#$d_stdstdio USE_STDIO_PTR  /**/
?H:?d_stdstdio:#ifdef USE_STDIO_PTR
?H:#define FILE_ptr(fp) $stdio_ptr
?H:#$d_stdio_ptr_lval STDIO_PTR_LVALUE   /**/
?H:#define FILE_cnt(fp) $stdio_cnt
?H:#$d_stdio_cnt_lval STDIO_CNT_LVALUE   /**/
?H:?d_stdstdio:#if defined(STDIO_PTR_LVALUE) && defined(STDIO_CNT_LVALUE)
?H:#define FILE_filbuf(fp) $stdio_filbuf   /**/
?H:?d_stdstdio:#endif
?H:?d_stdstdio:#endif
?H:.
?W:d_stdstdio:FILE_ptr FILE_cnt FILE_filbuf
?C:USE_STDIO_BASE ~ d_stdiobase:
?C: This symbol is defined if the _base field (or similar) of the
?C: stdio FILE structure can be used to access the stdio buffer
 for
?C: a file handle.  If this is defined, then the FILE_base(fp) macro
?C: will also be defined and should be used to access this field.
?C: Also, the FILE_bufsiz(fp) macro will be defined and should be used
?C: to determine the number of bytes in the buffer.  USE_STDIO_BASE
?C: will never be defined unless USE_STDIO_PTR is.
?C:.
?C:FILE_base:
?C: This macro is used to access the _base field (or equivalent) of the
?C: FILE structure pointed to by its argument. This macro will always be
?C: defined if USE_STDIO_BASE is defined.
?C:.
?C:FILE_bufsiz:
?C: This macro is used to determine the number of bytes in the I/O
?C: buffer pointed to by _base field (or equivalent) of the FILE
?C: structure pointed to its argument. This macro will always be defined
?C: if USE_STDIO_BASE is defined.
?C:.
?H:?d_stdiobase:#$d_stdiobase USE_STDIO_BASE  /**/
?H:?d_stdiobase:#ifdef USE_STDIO_BASE
?H:#define FILE_base(fp) $stdio_base
?H:#define FILE_bufsiz(fp) $stdio_bufsiz
?H:?d_stdiobase:#endif
?H:.
?W:d_stdiobase:FILE_base
```

```
 FILE_bufsiz
?LINT:set d_stdstdio d_stdiobase
?T:ptr_lval cnt_lval filbuf xxx
?F:!try
: see if _ptr and _cnt from stdio act std
echo " "
if $contains '_IO_fpos_t' `./findhdr stdio.h` >/dev/null 2>&1 ; then
 echo "(Looks like you have stdio.h from Linux.)"
 case "$stdio_ptr" in
 ") stdio_ptr='((fp)->_IO_read_ptr)'
  ptr_lval=$define
  ;;
 *) ptr_lval=$d_stdio_ptr_lval;;
 esac
 case "$stdio_cnt" in
 ") stdio_cnt='((fp)->_IO_read_end - (fp)->_IO_read_ptr)'
  cnt_lval=$undef
  ;;
 *) cnt_lval=$d_stdio_cnt_lval;;
 esac
 case "$stdio_base" in
 ") stdio_base='((fp)->_IO_read_base)';;
 esac
 case "$stdio_bufsiz" in
 ") stdio_bufsiz='((fp)->_IO_read_end - (fp)->_IO_read_base)';;
 esac
else
 case "$stdio_ptr" in
 ") stdio_ptr='((fp)->_ptr)'
  ptr_lval=$define
  ;;
 *) ptr_lval=$d_stdio_ptr_lval;;
 esac
 case "$stdio_cnt" in
 ") stdio_cnt='((fp)->_cnt)'
  cnt_lval=$define
  ;;
 *) cnt_lval=$d_stdio_cnt_lval;;
 esac
 case "$stdio_base" in
 ") stdio_base='((fp)->_base)';;
 esac
 case
 "$stdio_bufsiz" in
 ") stdio_bufsiz='((fp)->_cnt + (fp)->_ptr - (fp)->_base)';;
 esac
fi
: test whether _ptr and _cnt really work
```

```
echo "Checking how std your stdio is..." >&4
$cat >try.c <<EOP
#include <stdio.h>
#define FILE_ptr(fp) $stdio_ptr
#define FILE_cnt(fp) $stdio_cnt
int main() {
 FILE *fp = fopen("try.c", "r");
 char c = getc(fp);
 if (
  18 <= FILE_cnt(fp) &&
  strncmp(FILE_ptr(fp), "include <stdio.h>\n", 18) == 0
 )
  exit(0);
 exit(1);
}
EOP
val="$undef"
if $cc $ccflags $ldflags -o try try.c $libs >/dev/null 2>&1; then
 if ./try; then
  echo "Your stdio acts pretty std."
  val="$define"
 else
  echo "Your stdio isn't very std."
 fi
else
 echo "Your stdio doesn't appear very std."
fi
$rm_try
set d_stdstdio
eval $setvar

@if STDIO_PTR_LVALUE || d_stdio_ptr_lval
: Can _ptr be used as an lvalue?
?X: Only makes sense if we have a known stdio implementation.
case "$d_stdstdio$ptr_lval" in
$define$define) val=$define ;;
*) val=$undef ;;
esac
set d_stdio_ptr_lval
eval
 $setvar

@end
@if STDIO_CNT_LVALUE || d_stdio_cnt_lval
: Can _cnt be used as an lvalue?
?X: Only makes sense if we have a known stdio implementation.
case "$d_stdstdio$cnt_lval" in
$define$define) val=$define ;;
```

```
*) val=$undef ;;
esac
set d_stdio_cnt_lval
eval $setvar

@end
@if FILE_filbuf
: How to access the stdio _filbuf or __filbuf function.
: If this fails, check how the getc macro in stdio.h works.
case "${d_stdio_ptr_lval}${d_stdio_cnt_lval}" in
${define}${define})
 : Try hint value, if any, then _filbuf, __filbuf, _fill, then punt.
 : _fill is for OS/2.
 xxx='notok'
 for filbuf in $stdio_filbuf '_filbuf(fp)' '__filbuf(fp) ' '_fill(fp)' ; do
  $cat >try.c <<EOP
#include <stdio.h>
#define FILE_ptr(fp) $stdio_ptr
#define FILE_cnt(fp) $stdio_cnt
#define FILE_filbuf(fp) $filbuf
int main() {
 FILE *fp = fopen("try.c", "r");
 int c;
 c = getc(fp);
 c = FILE_filbuf(fp);  /* Just looking for linker errors.*/
 exit(0);
}
EOP
  if $cc $ccflags $ldflags -o try try.c $libs >/dev/null 2>&1 &&
 ./try; then
   echo "Your stdio appears to use $filbuf"
   stdio_filbuf="$filbuf"
   xxx='ok'
   break
  else
   echo "Hmm.  $filbuf doesn't seem to work."
  fi
  $rm_try
 done
 case "$xxx" in
 notok) echo "I can't figure out how to access _filbuf"
   echo "I'll just have to work around it."
   d_stdio_ptr_lval="$undef"
   d_stdio_cnt_lval="$undef"
   ;;
 esac
 ;;
esac
```

```
@end
@if d_stdiobase || USE_STDIO_BASE || FILE_base || FILE_bufsiz
: see if _base is also standard
val="$undef"
case "$d_stdstdio" in
$define)
 $cat >try.c <<EOP
#include <stdio.h>
#define FILE_base(fp) $stdio_base
#define FILE_bufsiz(fp) $stdio_bufsiz
int main() {
 FILE *fp = fopen("try.c", "r");
 char c = getc(fp);
 if (
  19 <= FILE_bufsiz(fp) &&
  strncmp(FILE_base(fp), "#include <stdio.h>\n", 19) == 0
 )
  exit(0);
 exit(1);
}
EOP
 if $cc $ccflags $ldflags -o try try.c $libs > /dev/null 2>&1; then
  if ./try; then
   echo "And its _base field acts std."
   val="$define"
  else
   echo "But its _base field isn't std."
  fi
 else
  echo
 "However, it seems to be lacking the _base field."
 fi
 $rm_try
 ;;
esac
set d_stdiobase
eval $setvar

@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_stdstdio.U
No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:

```
?MAKE:d_fdim: Inlibc
?MAKE: -pick add $@ %<
?S:d_fdim:
?S: This variable conditionally defines the HAS_FDIM symbol, which
?S: indicates to the C program that the fdim() routine is available.
?S:.
?C:HAS_FDIM:
?C: This symbol, if defined, indicates that the fdim routine is
?C: available to do the positive difference function.
?C:.
?H:#$d_fdim HAS_FDIM  /**/
?H:.
?LINT:set d_fdim
: see if fdim exists
set fdim d_fdim
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fdim.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getpwuid_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_getpwuid_r getpwuid_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_pwd extern_C
?MAKE: -pick add $@ %<
?S:d_getpwuid_r:
?S: This variable conditionally defines the HAS_GETPWUID_R symbol,
?S: which indicates to the C program that the getpwuid_r()
?S: routine is available.
?S:.
?S:getpwuid_r_proto:
?S: This variable encodes the prototype of getpwuid_r.
?S: It is zero if d_getpwuid_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getpwuid_r
?S: is defined.
?S:.
?C:HAS_GETPWUID_R:
?C: This symbol, if defined, indicates that the getpwuid_r routine
?C: is available to
```

```
 getpwuid re-entrantly.
?C:.
?C:GETPWUID_R_PROTO:
?C: This symbol encodes the prototype of getpwuid_r.
?C: It is zero if d_getpwuid_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getpwuid_r
?C: is defined.
?C:.
?H:#$d_getpwuid_r HAS_GETPWUID_R /**/
?H:#define GETPWUID_R_PROTO $getpwuid_r_proto /**/
?H:.
?T:try hdrs d_getpwuid_r_proto
: see if getpwuid_r exists
set getpwuid_r d_getpwuid_r
eval $inlibc
case "$d_getpwuid_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_pwd pwd.h"
 case "$d_getpwuid_r_proto:$usethreads" in
 ":define") d_getpwuid_r_proto=define
  set d_getpwuid_r_proto getpwuid_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_getpwuid_r_proto" in
 define)
 case "$getpwuid_r_proto" in
 "|0) try='int getpwuid_r(uid_t, struct passwd*, char*, size_t, struct passwd**);'
 ./protochk "$extern_C $try" $hdrs && getpwuid_r_proto=I_TSBWR ;;
 esac
 case "$getpwuid_r_proto" in
 "|0) try='int getpwuid_r(uid_t, struct passwd*, char*, int,
 struct passwd**);'
 ./protochk "$extern_C $try" $hdrs && getpwuid_r_proto=I_TSBIR ;;
 esac
 case "$getpwuid_r_proto" in
 "|0) try='int getpwuid_r(uid_t, struct passwd*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getpwuid_r_proto=I_TSBI ;;
 esac
 case "$getpwuid_r_proto" in
 "|0) try='struct passwd* getpwuid_r(uid_t, struct passwd*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getpwuid_r_proto=S_TSBI ;;
 esac
 case "$getpwuid_r_proto" in
 "|0) d_getpwuid_r=undef
  getpwuid_r_proto=0
  echo "Disabling getpwuid_r, cannot determine prototype." >&4 ;;
 * ) case "$getpwuid_r_proto" in
```

```
  REENTRANT_PROTO*) ;;
  *) getpwuid_r_proto="REENTRANT_PROTO_$getpwuid_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "getpwuid_r has no prototype, not using it." >&4 ;;
  esac
  d_getpwuid_r=undef
  getpwuid_r_proto=0
  ;;
 esac
 ;;
*) getpwuid_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getpwuid_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_gethostbyname_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_gethostbyname_r gethostbyname_r_proto: Inlibc Protochk Hasproto \
 i_systypes usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_gethostbyname_r:
?S: This variable conditionally defines the HAS_GETHOSTBYNAME_R symbol,
?S: which indicates to the C program that the gethostbyname_r()
?S: routine is available.
?S:.
?S:gethostbyname_r_proto:
?S: This variable encodes the prototype of gethostbyname_r.
?S: It is zero if d_gethostbyname_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_gethostbyname_r
?S: is defined.
?S:.
?C:HAS_GETHOSTBYNAME_R:
?C: This symbol, if defined, indicates
```

```
 that the gethostbyname_r routine
?C: is available to gethostbyname re-entrantly.
?C:.
?C:GETHOSTBYNAME_R_PROTO:
?C: This symbol encodes the prototype of gethostbyname_r.
?C: It is zero if d_gethostbyname_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_gethostbyname_r
?C: is defined.
?C:.
?H:#$d_gethostbyname_r HAS_GETHOSTBYNAME_R /**/
?H:#define GETHOSTBYNAME_R_PROTO $gethostbyname_r_proto /**/
?H:.
?T:try hdrs d_gethostbyname_r_proto
: see if gethostbyname_r exists
set gethostbyname_r d_gethostbyname_r
eval $inlibc
case "$d_gethostbyname_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
 case "$d_gethostbyname_r_proto:$usethreads" in
 ":define") d_gethostbyname_r_proto=define
  set d_gethostbyname_r_proto gethostbyname_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_gethostbyname_r_proto" in
 define)
 case "$gethostbyname_r_proto" in
 "|0) try='int gethostbyname_r(const char*, struct hostent*, char*, size_t, struct
 hostent**, int*);'
 ./protochk "$extern_C $try" $hdrs && gethostbyname_r_proto=I_CSBWRE ;;
 esac
 case "$gethostbyname_r_proto" in
 "|0) try='struct hostent* gethostbyname_r(const char*, struct hostent*, char*, int, int*);'
 ./protochk "$extern_C $try" $hdrs && gethostbyname_r_proto=S_CSBIE ;;
 esac
 case "$gethostbyname_r_proto" in
 "|0) try='int gethostbyname_r(const char*, struct hostent*, struct hostent_data*);'
 ./protochk "$extern_C $try" $hdrs && gethostbyname_r_proto=I_CSD ;;
 esac
 case "$gethostbyname_r_proto" in
 "|0) d_gethostbyname_r=undef
  gethostbyname_r_proto=0
  echo "Disabling gethostbyname_r, cannot determine prototype." >&4 ;;
 * ) case "$gethostbyname_r_proto" in
  REENTRANT_PROTO*) ;;
  *) gethostbyname_r_proto="REENTRANT_PROTO_$gethostbyname_r_proto" ;;
  esac
```

```
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "gethostbyname_r has no prototype, not using it." >&4 ;;
  esac
  d_gethostbyname_r=undef
  gethostbyname_r_proto=0
  ;;
 esac
 ;;
*) gethostbyname_r_proto=0
 ;;
esac
```

Found
 in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_gethostbyname_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_aintl: Inlibc
?MAKE: -pick add $@ %<
?S:d_aintl:
?S: This variable conditionally defines the HAS_AINTL symbol, which
?S: indicates to the C program that the aintl() routine is available.
?S: If copysignl is also present we can emulate modfl.
?S:.
?C:HAS_AINTL:
?C: This symbol, if defined, indicates that the aintl routine is
?C: available.  If copysignl is also present we can emulate modfl.
?C:.
?H:#$d_aintl HAS_AINTL  /**/
?H:.
?LINT:set d_aintl
: see if aintl exists
set aintl d_aintl
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/perl/d_aintl.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: archname.U,v $
?RCS: Revision 3.0.1.3  1997/02/28  15:24:32  ram
?RCS: patch61: changed the way the archname is mangled from uname
?RCS:
?RCS: Revision 3.0.1.2  1995/05/12  12:05:24  ram
?RCS: patch54: protect against spaces in "uname -m" output (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1995/02/15  14:14:21  ram
?RCS: patch51: created
?RCS:
?MAKE:archname myarchname: sed Loc Myread Oldconfig osname test rm
?MAKE: -pick add $@ %<
?S:archname:
?S: This variable is a short name to characterize the current
?S: architecture.
  It is used mainly to construct the default archlib.
?S:.
?S:myarchname:
?S: This variable holds the architecture name computed by Configure in
?S: a previous run. It is not intended to be perused by any user and
?S: should never be set in a hint file.
?S:.
?C:ARCHNAME:
?C: This symbol holds a string representing the architecture name.
?C: It may be used to construct an architecture-dependant pathname
?C: where library files may be held under a private library, for
?C: instance.
?C:.
?H:#define ARCHNAME "$archname"  /**/
?H:.
?T:xxx tarch
: determine the architecture name
echo " "
?X: We always recompute archname in case osname changes. However, we need
?X: to be careful since, as ADO rightfully pointed out, some systems pick
```

```
?X: silly architecture names (0001307135000-aix on AIX or 9000/715-ux under
?X: HP-UX). Therefore, we allow hint files to superseed our guess and ask
?X: the user for confirmation.
if xxx=`./loc arch blurfl $pth`; $test -f "$xxx"; then
 tarch=`arch`"-$osname"
elif
 xxx=`./loc uname blurfl $pth`; $test -f "$xxx" ; then
 if uname -m > tmparch 2>&1 ; then
  tarch=`$sed -e 's/ *$//' -e 's/ /_/g' \
   -e 's/$/"'-$osname/" tmparch`
 else
  tarch="$osname"
 fi
 $rm -f tmparch
else
 tarch="$osname"
fi
case "$myarchname" in
"|"$tarch") ;;
*)
 echo "(Your architecture name used to be $myarchname.)"
 archname="
 ;;
esac
case "$archname" in
") dflt="$tarch";;
*) dflt="$archname";;
esac
rp='What is your architecture name'
. ./myread
archname="$ans"
myarchname="$tarch"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/archname.U
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```
?RCS: $Id: d_killpg.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
```

```
?RCS: $Log: d_killpg.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:27  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_killpg: Inlibc
?MAKE: -pick add $@ %<
?S:d_killpg:
?S: This variable conditionally defines the HAS_KILLPG symbol, which
?S: indicates to the C program that the killpg() routine is available
?S: to kill process groups.
?S:.
?C:HAS_KILLPG (KILLPG):
?C: This symbol, if defined, indicates that the killpg routine is available
?C: to kill
 process groups.  If unavailable, you probably should use kill
?C: with a negative process number.
?C:.
?H:#$d_killpg HAS_KILLPG /**/
?H:.
?LINT:set d_killpg
: see if killpg exists
set killpg d_killpg
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_killpg.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: shm_for.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: shm_for.U,v $
?RCS: Revision 3.0.1.1  1994/10/29  16:28:37  ram
?RCS: patch36: call ./Cppsym explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:46  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:shm_for shm_att shm_lim: Cppsym Myread ipc uname
?MAKE: -pick add $@ %<
```

```
?S:shm_for:
?S: This variable tells us the type of machine we're expecting the
?S: shared memory code to run on.  The value is available to C
 programs
?S: in the C_SHM_FOR manifest.
?S:.
?S:shm_att:
?S: This variable tells us where a shared memory segment should be
?S: attached.  Good values are HIGH, LOW, and ZERO.
?S:.
?S:shm_lim:
?S: This variable tells us if shared memory attached HIGH should
?S: have an upper limit.
?S:.
?X: ----------------------------------------------------------
?X: It's a potential lose to define anything beginning with SHM...
?X: At least we can think that S_ stands for "String version of ..." -- HMS
?X: ----------------------------------------------------------
?C:S_SHM_FOR ~ %<:
?C: This symbol identifies what we chose for the target system's
?C: default shared memory configuration parameters.
?C:.
?C:S_SHM_ATT ~ %<:
?C: This symbol holds the default "place" to attach shared memory.
?C: Values are "HIGH", "ZERO", and "LOW".
?C:.
?C:S_SHM_LIM ~ %<:
?C: This symbol holds the default upper bound address limit if shared
?C: memory is attached HIGH.  If zero, there is no upper limit.
?C:.
?H:?%<:#ifdef
 SERVE_SHM
?H:?%<:#define S_SHM_FOR "$shm_for"
?H:?%<:#define S_SHM_ATT "$shm_att"
?H:?%<:#define S_SHM_LIM "$shm_lim"
?H:?%<:#endif
?H:.
?W:%<:S_SHM_FOR S_SHM_ATT S_SHM_LIM
: see how to attach shared memory
echo " "
echo "Deciding how to attach shared memory..." >&4

case "$ipc" in
shm)
 shm_for='Default case'
 shm_att='HIGH'
 shm_lim='0x0'
 if ./Cppsym tower32 tower32_600; then
```

```
 echo "NCR Towers are usually normal..."
 : echo "Oh, an NCR Tower."
 : This works for the 600
 shm_for='NCR Tower 32'
 shm_att='LOW'
else
 case "$uname" in
 */uname)
  case "`uname -m`" in
  ACS??68*)
   echo "Oh, an Altos 3068."
   shm_for='Altos 3068:'
   shm_lim='0x800000'
   ;;
   esac
   ;;
 *)
  echo "Looks normal to me..."
  ;;
 esac
fi

dflt="$shm_for"
rp='Description of shared memory configuration?'
. ./myread
shm_for="$ans"

dflt="$shm_att"
rp='Where should shared memory be attached?'
. ./myread
shm_att="$ans"

case "$shm_att" in
HIGH)
 dflt="$shm_lim"
 rp='What is
the upper address limit for shared memory?'
 . ./myread
 shm_lim="$ans"
 ;;
*)
 shm_lim=''
 ;;
esac
;;

*)
 echo "but you aren't using shared memory so I won't bother." >&4
```

```
 shm_for='NOT CONFIGURED'
 shm_att='NONE'
 shm_lim='-1'
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/shm_for.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysfile.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS:
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_sysfile.U,v $
?RCS: Revision 3.0.1.2  1995/07/25  14:11:36  ram
?RCS: patch56: removed <> characters from comment, per metalint suggestion
?RCS:
?RCS: Revision 3.0.1.1  1993/08/25  14:01:23  ram
?RCS: patch6: added default for i_sysfile
?RCS:
?RCS: Revision 3.0  1993/08/18  12:08:31  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_sysfile: h_sysfile Inhdr Setvar
?MAKE: -pick add $@ %<
?S:i_sysfile:
?S: This variable conditionally defines
 the I_SYS_FILE symbol, and indicates
?S: whether a C program should include <sys/file.h> to get R_OK and friends.
?S:.
?C:I_SYS_FILE (I_SYSFILE):
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/file.h> to get definition of R_OK and friends.
?C:.
?H:#$i_sysfile I_SYS_FILE  /**/
?H:.
?T:val
?D:i_sysfile=''
?LINT:change h_sysfile
?LINT:set i_sysfile
```

```
: see if this is a sys/file.h system
val=''
set sys/file.h val
eval $inhdr

: do we need to include sys/file.h ?
case "$val" in
"$define")
 echo " "
 if $h_sysfile; then
  val="$define"
  echo "We'll be including <sys/file.h>." >&4
 else
  val="$undef"
  echo "We won't be including <sys/file.h>." >&4
 fi
 ;;
*)
 h_sysfile=false
 ;;
esac
set i_sysfile
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_sysfile.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_msg.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:37  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_msg: test d_msgctl d_msgget d_msgsnd d_msgrcv Setvar Findhdr osname
?MAKE: -pick add $@ %<
?S:d_msg:
?S: This variable conditionally defines the HAS_MSG symbol, which
?S: indicates that the entire msg*(2) library is present.
```

```
?S:.
?C:HAS_MSG:
?C: This symbol, if defined, indicates that the entire msg*(2) library is
?C: supported (IPC mechanism based on message queues).
?C:.
?H:#$d_msg
 HAS_MSG  /**/
?H:.
?T:h_msg
?LINT:set d_msg
: see how much of the 'msg*(2)' library is present.
h_msg=true
echo " "
case "$d_msgctl$d_msgget$d_msgsnd$d_msgrcv" in
*"$undef"*) h_msg=false;;
esac
case "$osname" in
freebsd)
   case "`ipcs 2>&1`" in
   "SVID messages"*"not configured"*)
 echo "Your $osname does not have the msg*(2) configured." >&4
       h_msg=false
 val="$undef"
 set msgctl d_msgctl
 eval $setvar
 set msgget d_msgget
 eval $setvar
 set msgsnd d_msgsnd
 eval $setvar
 set msgrcv d_msgrcv
 eval $setvar
 ;;
   esac
   ;;
esac
: we could also check for sys/ipc.h ...
if $h_msg && $test `./findhdr sys/msg.h`; then
 echo "You have the full msg*(2) library." >&4
 val="$define"
else
 echo "You don't have the full msg*(2) library." >&4
 val="$undef"
fi
set d_msg
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/dist/U/d_msg.U
No license file was found, but licenses were detected in source scan.

```
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?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_inetntop: Inlibc
?MAKE: -pick add $@ %<
?S:d_inetntop:
?S: This variable conditionally defines the HAS_INETNTOP symbol,
?S: which indicates to the C program that the inet_ntop() function
?S: is available.
?S:.
?C:HAS_INETNTOP:
?C: This symbol, if defined, indicates that the inet_ntop() function
?C: is available to parse IPv4 and IPv6 strings.
?C:.
?H:#$d_inetntop HAS_INETNTOP  /**/
?H:.
?LINT:set d_inetntop
: see if inet_ntop exists
set inet_ntop d_inetntop
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_inetntop.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_niin.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_niin.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:24  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
```

```
?X: This unit looks wether <netinet/in.h> is available or not
?X:
?MAKE:i_niin i_sysin: Inhdr
?MAKE: -pick add $@ %<
?S:i_niin:
?S: This variable conditionally defines I_NETINET_IN, which indicates
?S: to the C program that it should include <netinet/in.h>. Otherwise,
?S: you may try <sys/in.h>.
?S:.
?S:i_sysin:
?S: This variable conditionally
 defines I_SYS_IN, which indicates
?S: to the C program that it should include <sys/in.h> instead of
?S: <netinet/in.h>.
?S:.
?C:I_NETINET_IN:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <netinet/in.h>. Otherwise, you may try <sys/in.h>.
?C:.
?C:I_SYS_IN (I_SYSIN):
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/in.h> instead of <netinet/in.h>.
?C:.
?H:#$i_niin I_NETINET_IN /**/
?H:#$i_sysin I_SYS_IN  /**/
?H:.
?LINT:set i_niin i_sysin
: see if this is a netinet/in.h or sys/in.h system
set netinet/in.h i_niin sys/in.h i_sysin
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_niin.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: yacc.U,v $
?RCS: Revision 3.0.1.1  1994/05/13  15:28:48  ram
```

```
?RCS: patch27: added byacc as another alternative (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:10:03  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:yacc yaccflags: Guess Myread Loc Oldconfig byacc bison cat test
?MAKE: -pick add $@ %<
?S:yacc:
?S: This variable holds the name of the compiler compiler we
?S: want to use in the Makefile. It can be yacc, byacc, or bison -y.
?S:.
?S:yaccflags:
?S: This variable contains any
 additional yacc flags desired by the
?S: user.  It is up to the Makefile to use this.
?S:.
?T:comp
: determine compiler compiler
echo " "
comp='yacc'
if $test -f "$byacc$_exe"; then
 comp="byacc or $comp"
fi
if $test -f "$bison$_exe"; then
 comp="$comp or bison -y"
fi
case "$yacc" in
")
 yacc=`./loc yacc yacc $pth`
 if $test -f "$yacc$_exe"; then
  dflt='yacc'
 elif $test -f "$byacc$_exe"; then
  dflt='byacc'
 elif $test -f "$bison$_exe"; then
  dflt='bison'
 else
  dflt=''
 fi
 ;;
*) dflt="$yacc";;
esac
rp="Which compiler compiler ($comp) shall I use?"
. ./myread
yacc="$ans"
case "$yacc" in
*bis*)
 case "$yacc" in
 *-y*) ;;
```

```
 *)
  yacc="$yacc -y"
  echo "(Adding -y option to bison to get yacc-compatible behaviour.)"
  ;;
 esac
 ;;
esac

@if yaccflags
: see if we need extra yacc flags
dflt="$yaccflags"
case "$dflt" in
") dflt=none;;
esac
$cat <<EOH

Your yacc program may need extra flags to normally process the parser sources.
Do NOT specify any -d or -v flags here, since those are
 explicitly known
by the various Makefiles. However, if your machine has strange/undocumented
options (like -Sr# on SCO to specify the maximum number of grammar rules), then
please add them here.  To use no flags, specify the word "none".

EOH
rp="Any additional yacc flags?"
. ./myread
case "$ans" in
none) yaccflags="";;
*) yaccflags="$ans";;
esac

@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/yacc.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_sethent.U,v 3.0 1993/08/18 12:06:09 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 3.0.
?RCS:
```

```
?RCS: $Log: d_sethent.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:09  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_sethent: Inlibc
?MAKE: -pick add $@ %<
?S:d_sethent:
?S: This variable conditionally defines HAS_SETHOSTENT if sethostent() is
?S: available.
?S:.
?C:HAS_SETHOSTENT:
?C: This symbol, if defined, indicates that the sethostent() routine is
?C: available.
?C:.
?H:#$d_sethent HAS_SETHOSTENT  /**/
?H:.
?LINT:set d_sethent
: see if sethostent exists
set
 sethostent d_sethent
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_sethent.U
No license file was found, but licenses were detected in source scan.

```
?RCS: Copyright (c) 2017-2018, H.Merijn Brand
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?MAKE:d_dup3: Inlibc
?MAKE: -pick add $@ %<
?S:d_dup3:
?S: This variable conditionally defines HAS_DUP3 if dup3() is
?S: available to duplicate file descriptors.
?S:.
?C:HAS_DUP3:
?C: This symbol, if defined, indicates that the dup3 routine is
?C: available to duplicate file descriptors.
?C:.
?H:#$d_dup3 HAS_DUP3 /**/
?H:.
?LINT:set d_dup3
```

```
: see if dup3 exists
set dup3 d_dup3
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_dup3.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_shmget.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_shmget.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:20  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_shmget: Inlibc
?MAKE: -pick add $@ %<
?S:d_shmget:
?S: This variable conditionally defines the HAS_SHMGET symbol, which
?S: indicates to the C program that the shmget() routine is available.
?S:.
?C:HAS_SHMGET:
?C: This symbol, if defined, indicates that the shmget() routine is
?C: available to request a shared memory segment from
 the kernel.
?C:.
?H:#$d_shmget HAS_SHMGET  /**/
?H:.
?LINT:set d_shmget
: see if shmget exists
set shmget d_shmget
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_shmget.U
No license file was found, but licenses were detected in source scan.

```
?RCS: Copyright (c) 2016 Tony Cook
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:dtraceobject dtracexnolibs: usedtrace dtrace cc ccflags optimize \
  Compile cat rm_try
?MAKE: -pick add $@ %<
?S:dtraceobject:
?S: Whether we need to build an object file with the dtrace tool.
?S:.
?S:dtracexnolibs:
?S: Whether dtrace accepts -xnolibs.  If available we call dtrace -h
?S: and dtrace -G with -xnolibs to allow dtrace to run in a jail on
?S: FreeBSD.
?S:.
?F: !perldtrace.h
?T:xnolibs
: Probe whether dtrace builds an object, as newer Illumos requires an input
: object file that uses at least one of the probes defined in the .d file
case "$usedtrace" in
$define)
   case "$dtracexnolibs" in
   $define|true|[yY]*)
       dtracexnolibs=$define
 $dtrace -h -xnolibs -s ../perldtrace.d -o perldtrace.h
 ;;
   ' '|'')
        if $dtrace -h -xnolibs -s ../perldtrace.d -o perldtrace.h 2>&1 ; then
      dtracexnolibs=$define
      echo "Your dtrace accepts -xnolibs"
 elif $dtrace -h -s ../perldtrace.d -o perldtrace.h 2>&1 ; then
      dtracexnolibs=$undef
      echo "Your dtrace doesn't accept -xnolibs"
 else
            echo "Your dtrace doesn't work at all, try building without dtrace support" >&4
      exit 1
 fi
 ;;
   *)
       dtracexnolibs=$undef
 $dtrace -h -s ../perldtrace.d -o perldtrace.h
 ;;
   esac
   case $dtracexnolibs in
   $define) xnolibs=-xnolibs ;;
   *) xnolibs= ;;
   esac

   case "$dtraceobject" in
```

```
  $define|true|[yY]*)
      dtraceobject=$define
      ;;
  ' '|'')
      $cat >try.c <<EOM
#include "perldtrace.h"
int main(void) {
  PERL_LOADED_FILE("dummy");
  return 0;
}
EOM
      dtraceobject=$undef
      if $cc -c -o try.o $optimize $ccflags try.c \
                && $dtrace -G $xnolibs -s ../perldtrace.d try.o >/dev/null 2>&1; then

        dtraceobject=$define
          echo "Your dtrace builds an object file"
      fi
      ;;
  *) dtraceobject=$undef ;;
  esac
  $rm_try perldtrace.o perldtrace.h
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/dtraceobject.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_timegm: Inlibc
?MAKE: -pick add $@ %<
?S:d_timegm:
?S: This variable conditionally defines the HAS_TIMEGM symbol, which
?S: indicates to the C program that the timegm () routine is available.
?S:.
?C:HAS_TIMEGM:
?C: This symbol, if defined, indicates that the timegm routine is
?C: available to do the opposite of gmtime ()
?C:.
?H:#$d_timegm HAS_TIMEGM  /**/
?H:.
```

```
?LINT:set d_timegm
: see if timegm exists
set timegm d_timegm
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_timegm.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_su_chown.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_su_chown.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:40  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_su_chown: Csym Setvar
?MAKE: -pick add $@ %<
?S:d_su_chown (d_rootchown):
?S: This variable conditionally defines the SU_CHOWN symbol, which
?S: indicates to the C program that only root can chown() the owner
?S: of a file.
?S:.
?C:SU_CHOWN (ROOT_CHOWN):
?C: This symbol, if defined, indicates that the system allows only root
?C: can
 change the owner of a file with chown().
?C:.
?H:#$d_su_chown SU_CHOWN /**/
?H:.
?LINT:set d_su_chown
: see if 'chown()' is restricted.
: but not too hard, as it is late and I am tired. -- HMS
echo " "
if set setreuid val -f d_su_chown; eval $csym; $val; then
 echo 'It looks like only root can chown() the owner of a file.' >&4
 val="$define"
else
 echo 'It looks like root or the owner can chown() a file away.' >&4
 val="$undef"
```

```
fi
set d_su_chown
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_su_chown.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: sitearch.U,v 3.1 1999/07/08 18:32:29 doughera Exp doughera $
?RCS:
?RCS: Copyright (c) 1996-1998, Andy Dougherty
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: sitearch.U,v $
?RCS: Revision 3.1  1999/07/08 18:32:29  doughera
?RCS: Updated for perl5.005_5x
?RCS:
?RCS: Revision 3.0.1.1  1997/02/28  16:21:30  ram
?RCS: patch61: created
?RCS:
?MAKE:sitearch sitearchexp installsitearch d_sitearch: cat sed Getfile \
 Oldconfig Setprefixvar Prefixit test archname sitelib
?MAKE: -pick add $@ %<
?Y:TOP
?D:sitearch=''
?S:sitearch:
?S: This variable contains the eventual
 value of the SITEARCH symbol,
?S: which is the name of the private library for this package.  It may
?S: have a ~ on the front. It is up to the makefile to eventually create
?S: this directory while performing installation (with ~ substitution).
?S: The standard distribution will put nothing in this directory.
?S: After perl has been installed, users may install their own local
?S: architecture-dependent modules in this directory with
?S:  MakeMaker Makefile.PL
?S: or equivalent.  See INSTALL for details.
?S:.
?D:sitearchexp=''
?S:sitearchexp:
?S: This variable is the ~name expanded version of sitearch, so that you
?S: may use it directly in Makefiles or shell scripts.
```

```
?S:.
?D:installsitearch=''
?S:installsitearch:
?S: This variable is really the same as sitearchexp but may differ on
?S: those systems using AFS. For extra portability, only this variable
?S: should be used in makefiles.
?S:.
?D:d_sitearch=''
?S:d_sitearch:
?S: This variable conditionally defines SITEARCH to hold the
 pathname
?S: of architecture-dependent library files for $package.  If
?S: $sitearch is the same as $archlib, then this is set to undef.
?S:.
?C:SITEARCH:
?C: This symbol contains the name of the private library for this package.
?C: The library is private in the sense that it needn't be in anyone's
?C: execution path, but it should be accessible by the world.  The program
?C: should be prepared to do ~ expansion.
?C: The standard distribution will put nothing in this directory.
?C: After perl has been installed, users may install their own local
?C: architecture-dependent modules in this directory with
?C:  MakeMaker Makefile.PL
?C: or equivalent.  See INSTALL for details.
?C:.
?C:SITEARCH_EXP:
?C: This symbol contains the ~name expanded version of SITEARCH, to be used
?C: in programs that are not prepared to deal with ~ expansion at run-time.
?C:.
?H:#$d_sitearch SITEARCH "$sitearch"  /**/
?H:#$d_sitearch SITEARCH_EXP "$sitearchexp"  /**/
?H:.
?LINT:change prefixvar
?LINT:set installsitearch
?LINT:set
 sitearch
?LINT:set sitearchexp
: determine where site specific architecture-dependent libraries go.
: sitelib  default is /usr/local/lib/perl5/site_perl/$version
: sitearch default is /usr/local/lib/perl5/site_perl/$version/$archname
: sitelib may have an optional trailing /share.
case "$sitearch" in
'') dflt=`echo $sitelib | $sed 's,/share$,,'`
 dflt="$dflt/$archname"
 ;;
*) dflt="$sitearch"
 ;;
esac
```

```
set sitearch sitearch none
eval $prefixit
$cat <<EOM

The installation process will also create a directory for
architecture-dependent site-specific extensions and modules.

EOM
fn=d~+
rp='Pathname for the site-specific architecture-dependent library files?'
. ./getfile
prefixvar=sitearch
. ./setprefixvar
if $test X"$sitearch" = X"$sitelib"; then
 d_sitearch="$undef"
else
 d_sitearch="$define"
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/sitearch.U
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```
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?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?MAKE:d_pipe2: Inlibc
?MAKE: -pick add $@ %<
?S:d_pipe2:
?S: This variable conditionally defines the HAS_PIPE2 symbol, which
?S: indicates to the C program that the pipe2() routine is available
?S: to create an inter-process channel.
?S:.
?C:HAS_PIPE2:
?C: This symbol, if defined, indicates that the pipe2 routine is
?C: available to create an inter-process channel.
?C:.
?H:#$d_pipe2 HAS_PIPE2  /**/
?H:.
?LINT:set d_pipe2
: see if pipe2 exists
set pipe2 d_pipe2
```

```
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_pipe2.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_wait3.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_wait3.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:01  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_wait3: Inlibc
?MAKE: -pick add $@ %<
?S:d_wait3:
?S: This variable conditionally defines the HAS_WAIT3 symbol, which
?S: indicates to the C program that the wait3() subroutine exists.
?S:.
?C:HAS_WAIT3:
?C: This symbol, if defined, indicates that the wait3() subroutine
?C: exists.
?C:.
?H:#$d_wait3 HAS_WAIT3 /**/
?H:.
?LINT:set d_wait3
:
 see if 'wait3()' exists
set wait3 d_wait3
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_wait3.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_static_inline.U,v $
?RCS:
?RCS: Copyright (c) 2010 Andrew Dougherty
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafayette.edu>
?RCS:
?MAKE:d_static_inline perl_static_inline: Compile Setvar gccversion \
 cat echo run hint rm rm_try
?MAKE: -pick add $@ %<
?S:d_static_inline:
?S: This variable conditionally defines the HAS_STATIC_INLINE symbol,
?S: which indicates that the C compiler supports C99-style static
?S: inline.  That is, the function can't be called from another
?S: translation unit.
?S:.
?S:perl_static_inline:
?S: This variable defines the PERL_STATIC_INLINE
 symbol to
?S: the best-guess incantation to use for static inline functions.
?S: Possibilities include
?S:  static inline       (c99)
?S:  static __inline__   (gcc -ansi)
?S:  static __inline     (MSVC)
?S:  static _inline      (older MSVC)
?S:  static              (c89 compilers)
?S:.
?C:HAS_STATIC_INLINE :
?C: This symbol, if defined, indicates that the C compiler supports
?C: C99-style static inline.  That is, the function can't be called
?C: from another translation unit.
?C:.
?C:PERL_STATIC_INLINE:
?C: This symbol gives the best-guess incantation to use for static
?C: inline functions.  If HAS_STATIC_INLINE is defined, this will
?C: give C99-style inline.  If HAS_STATIC_INLINE is not defined,
?C: this will give a plain 'static'.  It will always be defined
?C: to something that gives static linkage.
?C: Possibilities include
?C:  static inline       (c99)
?C:  static __inline__   (gcc -ansi)
?C:  static __inline     (MSVC)
?C:  static _inline      (older MSVC)
?C:  static
        (c89 compilers)
?C:.
?H:#$d_static_inline HAS_STATIC_INLINE    /**/
```

```
?H:#define PERL_STATIC_INLINE $perl_static_inline /**/
?H:.
?LINT:set d_static_inline
?T:inline xxx
?F:!try
: see what flavor, if any, of static inline is supported
echo " "
echo "Checking to see if your system supports static inline..."
?X: Build two programs.  The first uses static inline in file a.c and
?X: should work.  The second also includes b.c which tries to link against
?X: the static function in a.c.  This should fail.
?X:.
$cat > try.c <<'EOCP'
#include <stdlib.h>
extern int f_via_a(int x);
extern int f_via_b(int x);
int main(int argc, char **argv)
{
  int y;

  y = f_via_a(0);
#ifdef USE_B
  y = f_via_b(0);
#endif
  if (y == 42) {
     return EXIT_SUCCESS;
  }
  else {
     return EXIT_FAILURE;
  }
}
EOCP
$cat > a.c <<'EOCP'
static INLINE int f(int x) {
  int y;
  y = x + 42;
  return y;
}

int f_via_a(int x)
{
  return f(x);
}
EOCP
$cat > b.c <<'EOCP'
extern int f(int x);

int
```

```
 f_via_b(int x)
{
   return f(x);
}
EOCP

# Respect a hint (or previous) value for perl_static_inline, if there is one.
case "$perl_static_inline" in
") # Check the various possibilities, and break out on success.
 # For gcc, prefer __inline__, which will still permit
 # cflags.SH to add in -ansi.
 case "$gccversion" in
  ") xxx="inline __inline__ __inline _inline";;
  *)  xxx="__inline__ inline __inline _inline";;
 esac
 for inline in $xxx; do
  set try -DINLINE=$inline a.c
  if eval $compile && $run ./try; then
   # Now make sure there is no external linkage of static
   # functions
   set try -DINLINE=$inline -DUSE_B a.c b.c
   if eval $compile && $run ./try; then
    $echo "Your compiler supports static $inline, " >&4
    $echo "but it also creates an external definition," >&4
    $echo "so I won't use it." >&4
    val=$undef
   else
    $echo "Your compiler supports static $inline." >&4
    val=$define
    perl_static_inline="static $inline";
    break;
   fi
  else
   $echo
 "Your compiler does NOT support static $inline." >&4
   val="$undef"
  fi
 done
 ;;
*inline*) # Some variant of inline exists.
 echo "Keeping your $hint value of $perl_static_inline."
 val=$define
 ;;
static)  # No inline capabilities
 echo "Keeping your $hint value of $perl_static_inline."
 val=$undef
 ;;
*)  # Unrecognized previous value -- blindly trust the supplied
```

```
 # value and hope it makes sense.  Use old value for
 # d_static_inline, if there is one.
 echo "Keeping your $hint value of $perl_static_inline."
 case "$d_static_inline" in
  ") val=$define ;;
  *)  val=$d_static_inline ;;
 esac
 ;;
esac
# Fallback to plain 'static' if nothing worked.
case "$perl_static_inline" in
")
 perl_static_inline="static"
 val=$undef
 ;;
esac
set d_static_inline
eval $setvar
$rm -f a.[co] b.[co]
$rm_try
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_static_inline.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_whoami.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_whoami.U,v $
?RCS: Revision 3.0.1.1  1993/08/25  14:02:21  ram
?RCS: patch6: added default for i_whoami
?RCS:
?RCS: Revision 3.0  1993/08/18  12:08:50  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_whoami: Inhdr
?MAKE: -pick add $@ %<
?S:i_whoami (d_whoami):
?S: This variable conditionally defines the I_WHOAMI symbol, which
?S: indicates to the C program that it should include <whoami.h>.
```

```
?S:.
?C:I_WHOAMI (WHOAMI):
?C: This symbol,
 if defined, indicates that the program may include
?C: <whoami.h>.
?C:.
?H:#$i_whoami I_WHOAMI /**/
?H:.
?D:i_whoami=''
?LINT:set i_whoami
: see if there is a whoami.h file
set whoami.h i_whoami
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_whoami.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_closedir.U,v $
?RCS: Revision 3.0.1.3  1997/02/28  15:31:26  ram
?RCS: patch61: added ?F: metalint hint
?RCS:
?RCS: Revision 3.0.1.2  1994/10/29  16:11:18  ram
?RCS: patch36: added 'ldflags' to the test compile line (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/08/29  16:07:21  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_closedir d_void_closedir: Inlibc i_dirent i_sysdir i_sysndir \
 cc ccflags ldflags libs Setvar rm
?MAKE: -pick
 add $@ %<
?S:d_closedir:
?S: This variable conditionally defines HAS_CLOSEDIR if closedir() is
?S: available.
```

```
?S:.
?C:HAS_CLOSEDIR:
?C: This symbol, if defined, indicates that the closedir() routine is
?C: available.
?C:.
?H:#$d_closedir HAS_CLOSEDIR  /**/
?H:.
?S:d_void_closedir:
?S: This variable conditionally defines VOID_CLOSEDIR if closedir()
?S: does not return a value.
?S:.
?C:VOID_CLOSEDIR:
?C: This symbol, if defined, indicates that the closedir() routine
?C: does not return a value.
?C:.
?H:#$d_void_closedir VOID_CLOSEDIR  /**/
?H:.
?F:!closedir
?LINT:set d_closedir d_void_closedir
: see if closedir exists
set closedir d_closedir
eval $inlibc

@if VOID_CLOSEDIR || d_void_closedir
?X: The following contortions are designed so we can call closedir()
?X: and check whether it returns a value.  The contortions are designed
?X: to portably pick up the correct directory header, for those
?X: systems that support various mutually incompatible directory functions.
?X: This
 is from perl5's perl.h
case "$d_closedir" in
"$define")
 echo " "
 echo "Checking whether closedir() returns a status..." >&4
 cat > closedir.c <<EOM
#$i_dirent I_DIRENT  /**/
#$i_sysdir I_SYS_DIR  /**/
#$i_sysndir I_SYS_NDIR  /**/

#if defined(I_DIRENT)
#include <dirent.h>
#if defined(NeXT) && defined(I_SYS_DIR) /* NeXT needs dirent + sys/dir.h */
#include <sys/dir.h>
#endif
#else
#ifdef I_SYS_NDIR
#include <sys/ndir.h>
#else
```

```
#ifdef I_SYS_DIR
#ifdef hp9000s500
#include <ndir.h> /* may be wrong in the future */
#else
#include <sys/dir.h>
#endif
#endif
#endif
#endif
int main() { return closedir(opendir(".")); }
EOM
 if $cc $ccflags $ldflags -o closedir closedir.c $libs > /dev/null 2>&1; then
  if ./closedir > /dev/null 2>&1 ; then
   echo "Yes, it does."
   val="$undef"
  else
   echo "No, it doesn't."
   val="$define"
  fi
 else
  echo "(I can't seem to compile the test program--assuming it doesn't)"
  val="$define"
 fi
 ;;
*)
 val="$undef";
 ;;
esac
set d_void_closedir
eval $setvar
$rm
 -f closedir*
@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_closedir.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
```

```
?RCS:
?RCS: $Log: d_castneg.U,v $
?RCS: Revision 3.0.1.2  1995/05/12  12:11:21  ram
?RCS: patch54: made sure cc and ccflags are conditional dependencies
?RCS: patch54: added improved test case for Interactive Unix
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  16:10:50  ram
?RCS: patch36: don't forget to tell user about compilation failures (ADO)
?RCS: patch36: declare signal handler correctly using 'signal_t' (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:47  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: Can
 the compiler cast negative / odd floats to unsigned values.
?X:
?MAKE:d_castneg castflags: cat +cc +ccflags rm_try Setvar signal_t
?MAKE: -pick add $@ %<
?S:d_castneg:
?S: This variable conditionally defines CASTNEG, which indicates
?S: wether the C compiler can cast negative float to unsigned.
?S:.
?S:castflags:
?S: This variable contains a flag that precise difficulties the
?S: compiler has casting odd floating values to unsigned long:
?S:  0 = ok
?S:  1 = couldn't cast < 0
?S:  2 = couldn't cast >= 0x80000000
?S:  4 = couldn't cast in argument expression list
?S:.
?C:CASTNEGFLOAT:
?C: This symbol is defined if the C compiler can cast negative
?C: numbers to unsigned longs, ints and shorts.
?C:.
?C:CASTFLAGS:
?C: This symbol contains flags that say what difficulties the compiler
?C: has casting odd floating values to unsigned long:
?C:  0 = ok
?C:  1 = couldn't cast < 0
?C:  2 = couldn't cast >= 0x80000000
?C:  4 = couldn't cast in argument expression list
?C:.
?H:#$d_castneg CASTNEGFLOAT  /**/
?H:#define
 CASTFLAGS $castflags  /**/
?H:.
?F:!try
```

```
?LINT:set d_castneg
: check for ability to cast negative floats to unsigned
echo " "
echo 'Checking whether your C compiler can cast negative float to unsigned.' >&4
$cat >try.c <<EOCP
#include <sys/types.h>
#include <signal.h>
$signal_t blech() { exit(7); }
$signal_t blech_in_list() { exit(4); }
unsigned long dummy_long(p) unsigned long p; { return p; }
unsigned int dummy_int(p) unsigned int p; { return p; }
unsigned short dummy_short(p) unsigned short p; { return p; }
int main()
{
 double f = -123.;
 unsigned long along;
 unsigned int aint;
 unsigned short ashort;
 int result = 0;

 signal(SIGFPE, blech);
 along = (unsigned long)f;
 aint = (unsigned int)f;
 ashort = (unsigned short)f;
 if (along != (unsigned long)-123)
  result |= 1;
 if (aint != (unsigned int)-123)
  result |= 1;
 if (ashort != (unsigned short)-123)
  result |= 1;
 f = (double)0x40000000;
 f = f + f;
 along = 0;
 along = (unsigned long)f;
 if
 (along != 0x80000000)
  result |= 2;
 f -= 1.;
 along = 0;
 along = (unsigned long)f;
 if (along != 0x7fffffff)
  result |= 1;
 f += 2.;
 along = 0;
 along = (unsigned long)f;
 if (along != 0x80000001)
  result |= 2;
 if (result)
```

```
  exit(result);
?X:
?X: The following is a test for Interactive Unix Version 4.1, which
?X: has an 'improved' compiler which can correctly cast negative
?X: floats in expression lists, but apparently not in argument lists.
?X: Contributed by Winfried Koenig <win@incom.rhein-main.de>
?X:
 signal(SIGFPE, blech_in_list);
 f = 123.;
 along = dummy_long((unsigned long)f);
 aint = dummy_int((unsigned int)f);
 ashort = dummy_short((unsigned short)f);
 if (along != (unsigned long)123)
  result |= 4;
 if (aint != (unsigned int)123)
  result |= 4;
 if (ashort != (unsigned short)123)
  result |= 4;
 exit(result);

}
EOCP
if $cc $ccflags -o try try.c >/dev/null 2>&1; then
 ./try
 castflags=$?
else
 echo "(I can't seem to compile the test program--assuming it can't)"
 castflags=7
fi
case
 "$castflags" in
0) val="$define"
 echo "Yup, it can."
 ;;
*) val="$undef"
 echo "Nope, it can't."
 ;;
esac
set d_castneg
eval $setvar
$rm_try
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_castneg.U
No license file was found, but licenses were detected in source scan.

?RCS: Id

```
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:uselargefiles \
 ccflags_uselargefiles \
 ldflags_uselargefiles \
 libswanted_uselargefiles: \
 Myread Oldconfig Setvar test lseeksize fpossize \
 fpostype Compile echo n c cat lseektype rm_try run \
 use64bitint use64bitall i_stdlib
?MAKE: -pick add $@ %<
?Y:TOP
?S:uselargefiles:
?S: This variable conditionally defines the USE_LARGE_FILES symbol,
?S: and indicates that large file interfaces should be used when
?S: available.
?S:.
?S:ccflags_uselargefiles:
?S: This variable contains the compiler flags needed by large file builds
?S: and added to ccflags by hints files.
?S:.
?S:ldflags_uselargefiles:
?S: This variable contains the loader flags needed by large file builds
?S: and added to ldflags by
 hints files.
?S:.
?S:libswanted_uselargefiles:
?S: This variable contains the libraries needed by large file builds
?S: and added to ldflags by hints files.  It is a space separated list
?S: of the library names without the "lib" prefix or any suffix, just
?S: like libswanted..
?S:.
?C:USE_LARGE_FILES:
?C: This symbol, if defined, indicates that large file support
?C: should be used when available.
?C:.
?H:?%<:#ifndef USE_LARGE_FILES
?H:?%<:#$uselargefiles USE_LARGE_FILES  /**/
?H:?%<:#endif
?H:.
?INIT:ccflags_uselargefiles="
?INIT:ldflags_uselargefiles="
?INIT:libswanted_uselargefiles="
?T:yyy zzz
?F:!uselargefiles.cbu !try
```

```
?LINT:change lseeksize
?LINT:change fpossize
?LINT:extern uselfs
?LINT:use use64bitint
?LINT:use use64bitall
: Check for large file support
# Backward compatibility (uselfs is deprecated).
case "$uselfs" in
"$define"|true|[yY]*)
 cat <<EOM >&4

*** Configure -Duselfs is deprecated, using -Duselargefiles instead.
EOM
 uselargefiles="$define"
 ;;
esac

case "$lseeksize:$fpossize"
 in
8:8) cat <<EOM

You can have files larger than 2 gigabytes.
EOM
  val="$define" ;;
*)    case "$uselargefiles" in
  "$undef"|false|[nN]*) dflt='n' ;;
  *) dflt='y' ;;
  esac
  cat <<EOM

Perl can be built to understand large files (files larger than 2 gigabytes)
on some systems.  To do so, Configure can be run with -Duselargefiles.

If this doesn't make any sense to you, just accept the default '$dflt'.
EOM
  rp='Try to understand large files, if available?'
  . ./myread
  case "$ans" in
  y|Y) val="$define" ;;
  *) val="$undef"  ;;
  esac
  ;;
esac
set uselargefiles
eval $setvar
: Look for a hint-file generated 'call-back-unit'.  If the
: user has specified that a large files perl is to be built,
: we may need to set or change some other defaults.
```

```
if $test -f uselargefiles.cbu; then
 echo "Your platform has some specific hints regarding large file builds, using them..."
 . ./uselargefiles.cbu
fi
case "$uselargefiles" in
"$define")
 if $test -f uselargefiles.cbu;
 then
  echo " "
  echo "Rechecking to see how big your file offsets are..." >&4
  $cat >try.c <<EOCP
#include <sys/types.h>
#include <stdio.h>
int main()
{
   printf("%d\n", (int)sizeof($lseektype));
   return(0);
}
EOCP
  set try
  if eval $compile_ok; then
   lseeksize=`$run ./try`
   $echo "Your file offsets are now $lseeksize bytes long."
  else
   dflt="$lseeksize"
   echo " "
   echo "(I can't seem to compile the test program.  Guessing...)"
   rp="What is the size of your file offsets (in bytes)?"
   . ./myread
   lseeksize="$ans"
  fi
  case "$fpostype" in
  *_t) zzz="$fpostype" ;;
  *)   zzz="fpos_t" ;;
  esac
  $echo $n "Rechecking the size of $zzz...$c" >&4
  $cat > try.c <<EOCP
#include <sys/types.h>
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
int main() {
   printf("%d\n", (int)sizeof($fpostype));
   return(0);
}
EOCP
```

```
  set try
  if eval $compile_ok; then
   yyy=`$run ./try`
   dflt="$lseeksize"
   case "$yyy" in
   ") echo
" "
    echo "(I can't execute the test program--guessing $fpossize.)" >&4
    ;;
   *) fpossize=$yyy
    echo " $fpossize bytes." >&4
    ;;
   esac
  else
   dflt="$fpossize"
   echo " "
   echo "(I can't compile the test program.  Guessing...)" >&4
   rp="What is the size of your file positions (in bytes)?"
   . ./myread
   fpossize="$ans"
  fi
  $rm_try
 fi
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/uselfs.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getservent_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_getservent_r getservent_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_getservent_r:
?S: This variable conditionally defines the HAS_GETSERVENT_R symbol,
?S: which indicates to the C program that the getservent_r()
?S: routine is available.
?S:.
?S:getservent_r_proto:
```

```
?S: This variable encodes the prototype of getservent_r.
?S: It is zero if d_getservent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getservent_r
?S: is defined.
?S:.
?C:HAS_GETSERVENT_R:
?C: This symbol, if defined, indicates that the getservent_r routine
?C: is
 available to getservent re-entrantly.
?C:.
?C:GETSERVENT_R_PROTO:
?C: This symbol encodes the prototype of getservent_r.
?C: It is zero if d_getservent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getservent_r
?C: is defined.
?C:.
?H:#$d_getservent_r HAS_GETSERVENT_R /**/
?H:#define GETSERVENT_R_PROTO $getservent_r_proto /**/
?H:.
?T:try hdrs d_getservent_r_proto
: see if getservent_r exists
set getservent_r d_getservent_r
eval $inlibc
case "$d_getservent_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
 case "$d_getservent_r_proto:$usethreads" in
 ":define") d_getservent_r_proto=define
  set d_getservent_r_proto getservent_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_getservent_r_proto" in
 define)
 case "$getservent_r_proto" in
 "|0) try='int getservent_r(struct servent*, char*, size_t, struct servent**);'
 ./protochk "$extern_C $try" $hdrs && getservent_r_proto=I_SBWR ;;
 esac
 case "$getservent_r_proto"
 in
 "|0) try='int getservent_r(struct servent*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getservent_r_proto=I_SBI ;;
 esac
 case "$getservent_r_proto" in
 "|0) try='struct servent* getservent_r(struct servent*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getservent_r_proto=S_SBI ;;
 esac
 case "$getservent_r_proto" in
```

```
 "|0) try='int getservent_r(struct servent*, struct servent_data*);'
 ./protochk "$extern_C $try" $hdrs && getservent_r_proto=I_SD ;;
 esac
 case "$getservent_r_proto" in
 "|0) d_getservent_r=undef
  getservent_r_proto=0
  echo "Disabling getservent_r, cannot determine prototype." >&4 ;;
 * ) case "$getservent_r_proto" in
  REENTRANT_PROTO*) ;;
  *) getservent_r_proto="REENTRANT_PROTO_$getservent_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "getservent_r has no prototype, not using it." >&4 ;;
  esac
  d_getservent_r=undef
  getservent_r_proto=0
  ;;
 esac
 ;;
*) getservent_r_proto=0
 ;;
esac
```

Found
 in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getservent_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_select.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_select.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:02  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_select: Inlibc
?MAKE: -pick add $@ %<
```

```
?S:d_select:
?S: This variable conditionally defines HAS_SELECT if select() is
?S: available to select active file descriptors. A <sys/time.h>
?S: inclusion may be necessary for the timeout field.
?S:.
?C:HAS_SELECT:
?C: This symbol, if defined, indicates that the select routine is
?C: available
 to select active file descriptors. If the timeout field
?C: is used, <sys/time.h> may need to be included.
?C:.
?H:#$d_select HAS_SELECT /**/
?H:.
?LINT:set d_select
: see if select exists
set select d_select
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_select.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2019 Karl Williamson
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_towlower: Inlibc
?MAKE: -pick add $@ %<
?S:d_towlower:
?S: This variable conditionally defines the HAS_TOWLOWER symbol, which
?S: indicates to the C program that the towlower() routine is available.
?S:.
?C:HAS_TOWLOWER:
?C: This symbol, if defined, indicates that the towlower () routine is
?C: available to do case conversion.
?C:.
?H:#$d_towlower HAS_TOWLOWER  /**/
?H:.
?LINT:set d_towlower
: see if towlower exists
set towlower d_towlower
eval $inlibc
```

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_towlower.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Head.U 6 2006-08-25 22:21:46Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Head.U,v $
?RCS: Revision 3.0.1.9  1997/02/28  15:02:09  ram
?RCS: patch61: make sure we unset CDPATH for shells that support this
?RCS: patch61: improved Korn shell detection and handling
?RCS:
?RCS: Revision 3.0.1.8  1995/07/25  13:40:02  ram
?RCS: patch56: added SVR4-ish /opt directories to path list (ADO)
?RCS: patch56: OS/2 platforms are using another path separator
?RCS:
?RCS: Revision 3.0.1.7  1995/03/21  08:46:15  ram
?RCS: patch52: definition of
 paths wrongly added spurious ':' chars
?RCS:
?RCS: Revision 3.0.1.6  1994/10/29  15:54:19  ram
?RCS: patch36: make sure ENV is unset before calling /bin/ksh
?RCS:
?RCS: Revision 3.0.1.5  1994/08/29  16:03:44  ram
?RCS: patch32: now sets PATH only using existing directories
?RCS:
?RCS: Revision 3.0.1.4  1994/06/20  06:54:28  ram
?RCS: patch30: now computes its invocation name into 'me'
?RCS: patch30: symbol me is made visible to all units read-only
?RCS:
?RCS: Revision 3.0.1.3  1993/12/15  08:15:07  ram
?RCS: patch15: added /sbin:/usr/sbin:/usr/libexec in PATH for BSD/386
?RCS:
?RCS: Revision 3.0.1.2  1993/11/10  17:32:35  ram
?RCS: patch14: ensure PATH is reset to '.' before testing for alias
?RCS:
?RCS: Revision 3.0.1.1  1993/08/27  14:38:07  ram
?RCS: patch7: not all 'test' programs support the -x option
?RCS:
?RCS: Revision 3.0  1993/08/18  12:04:58  ram
?RCS: Baseline for dist 3.0 netwide release.
```

```
?RCS:
?X:
?X: This is the very first unit in the Configure script.  It is mostly just
?X:
 things to keep people from getting into a tizzy right off the bat.
?X:
?MAKE:Head:
?MAKE: -pick wipe $@ %<
?V:PATH p_ _exe me newsh
?T:argv p paths OS2_SHELL DJGPP
?T:inksh needksh avoidksh newsh changesh reason
?F:!*
?LINT:extern ENV CDPATH SHELL MACHTYPE _exe is_os2
?LINT:change ENV CDPATH is_os2
?LINT:nocomment
#! /bin/sh
#
# If these # comments don't work, trim them. Don't worry about any other
# shell scripts, Configure will trim # comments from them for you.
#
# (If you are trying to port this package to a machine without sh,
# I would suggest you have a look at the prototypical config_h.SH file
# and edit it to reflect your system. Some packages may include samples
# of config.h for certain machines, so you might look for one of those.)
#
?X:
?X: NOTE THAT A CONFIGURE SCRIPT IS IN THE PUBLIC DOMAIN (whether or not
?X: the software which uses it is in the public domain).
?X:
# Yes, you may rip this off to use in other distribution packages. This
# script belongs to the public
 domain and cannot be copyrighted.
#
?X:
?X: WE ASK YOU NOT TO REMOVE OR ALTER THE FOLLOWING PARAGRAPH, PLEASE:
?X:
# Note: this Configure script was generated automatically by the tool
# called "metaconfig". Rather than working with this copy of Configure,
# you should use metaconfig. Perl uses a modified version of this
# tool, and this, together with the metaconfig units, are available
# in the git repository:
#    $ git clone https://github.com/perl5-metaconfig/metaconfig metaconfig
# The original dist package (including metaconfig) is available on github:
#    $ git clone https://github.com/rmanfredi/dist.git dist-git
#
?X: OK, I'll not alter, but I'll add to it then ...
# Though this script was generated by metaconfig from metaunits, it is
# OK to send patches against Configure itself (but not to commit them
```

```
# to blead). It's up to
# the Configure maintainers to backport the patch to the metaunits if it
# is accepted. Exceptions to this rule, and more information, is in
# Porting/pumpkin.pod.
?X:
?X:
 NOTA BENE:
?X: If you develop you own version of metaconfig based on this work,
?X: you have to add some comments telling that the script was generated
?X: by your version, not mine: It credits your work.
?X:

# Generated using [metaconfig <VERSION> PL<PATCHLEVEL>]
# (with additional metaconfig patches by <MAINTLOC>)

cat >c1$$ <<EOF
ARGGGHHHH!!!!!

SCO csh still thinks true is false.  Write to SCO today and tell them that next
year Configure ought to "rm /bin/csh" unless they fix their blasted shell. :-)

(Actually, Configure ought to just patch csh in place.  Hmm.  Hmmmmm.  All
we'd have to do is go in and swap the && and || tokens, wherever they are.)

[End of diatribe. We now return you to your regularly scheduled programming...]
EOF
cat >c2$$ <<EOF

OOPS!  You naughty creature!  You didn't run Configure with sh!
I will attempt to remedy the situation by running sh for you...
EOF

true || cat c1$$ c2$$
true || exec sh $0 $argv:q

(exit $?0) || cat c2$$
(exit
 $?0) || exec sh $0 $argv:q
rm -f c1$$ c2$$

if test -f /dev/cputype -a -f /dev/drivers -a -f /dev/osversion; then
 cat <<EOF
***
*** I'm sorry but this system looks like Plan 9 and Plan 9 doesn't do
*** Configure that well.  (Plan 9 is close to UNIX but not close enough.)
*** Please read the README.plan9 for further instructions.
*** Cannot continue, aborting.
***
```

```
EOF
 exit 1
fi

if test -f /sys/utilities/MultiView ; then
 # AmigaOS, test -c for /dev/null is not useful
 :
elif test ! -c /dev/null ; then
 cat <<EOF
***
*** I'm sorry, but /dev/null appears to be a file rather than a device.
*** Please consult your operating sytem's notes for making a device
*** in /dev.
*** Cannot continue, aborting.
***
EOF
 exit 1
fi

: compute my invocation name
me=$0
case "$0" in
*/*)
 me=`echo $0 | sed -e 's!.*/\(.*\)!\1!' 2>/dev/null`
 test "$me" || me=$0
 ;;
esac

?X:
?X: To be able to run under OS/2, we must detect that early enough to use
?X: the proper path separator, stored in $p_. It is : on
 UNIX and ; on
?X: DOS-ish systems such as OS/2.
?X:
: Proper separator for the PATH environment variable
p_=:
: On OS/2 this directory should exist if this is not floppy only system ":-]"
if test -d c:/. || ( uname -a | grep -i 'os\(/\|\)2' 2>&1 ) 2>&1 >/dev/null ; then
 if test -n "$OS2_SHELL"; then
  p_=\;
  PATH=`cmd /c "echo %PATH%" | tr '\\\\' / `
?X: That's a bug in ksh5.22
  OS2_SHELL=`cmd /c "echo %OS2_SHELL%" | tr '\\\\' / | tr '[A-Z]' '[a-z]'`
  is_os2=yes
 elif test -n "$DJGPP"; then
  case "X${MACHTYPE:-nonesuchmach}" in
  *cygwin|*msys) ;;
  *) p_=\; ;;
```

```
  esac
 fi
fi

?X:
?X: There are two schools of thoughts here. Some people correctly argue that
?X: the user has a better chance than we do of setting a reasonable PATH and
?X: others argue that Configure is the best place there is to set up a suitable
?X: PATH. Well, here we try to compromise by keeping the user's PATH and
?X: appending some directories which are known to work on some machine or the
?X: other. The rationale
 behind this being that a novice user might not have a
?X: proper environment variable set, and some directories like /etc (where
?X: chown is located on some BSD systems) may be missing--RAM.
?X:
?X: SVR4 adds an /opt directory for optional packages.  Some sites use
?X: various permutations on /opt as opposed to /usr or /usr/local.-- ADO
?X:
?X: We only add directories that are not already in the PATH of the
?X: user and the directories must exist also.
?X:
?X: 20040627, Merijn, HP-UX's ANSI compiler is in /opt/ansic/bin if present
?X:  and should be before /usr/ccs/bin, where the braindead bundled compiler
?X:  can be found. The /usr/ccs/bin compiler cannot be used to build perl.
?X:
: Proper PATH setting
paths='/bin /usr/bin /usr/local/bin /usr/ucb /usr/local /usr/lbin'
paths="$paths /opt/bin /opt/local/bin /opt/local /opt/lbin"
paths="$paths /usr/5bin /etc /usr/gnu/bin /usr/new /usr/new/bin /usr/nbin"
paths="$paths /opt/gnu/bin /opt/new /opt/new/bin /opt/nbin"
paths="$paths /sys5.3/bin
 /sys5.3/usr/bin /bsd4.3/bin /bsd4.3/usr/ucb"
paths="$paths /bsd4.3/usr/bin /usr/bsd /bsd43/bin /opt/ansic/bin /usr/ccs/bin"
paths="$paths /etc /usr/lib /usr/ucblib /lib /usr/ccs/lib"
paths="$paths /sbin /usr/sbin /usr/libexec"
paths="$paths /system/gnu_library/bin"

for p in $paths
do
 case "$p_$PATH$p_" in
 *$p_$p$p_*) ;;
 *) test -d $p && PATH=$PATH$p_$p ;;
 esac
done

PATH=.$p_$PATH
export PATH
```

```
: shall we be using ksh?
inksh=''
needksh=''
avoidksh=''
newsh=/bin/ksh
changesh=''
?X: Use (alias -x) and not (alias) since zsh and bash recognize the alias
?X: builtin but not the -x option which is typically ksh...
?X: We need to set up PATH before calling the "alias" built-in since some
?X: systems like HP-UX have a binary called /bin/alias.
if (PATH=.; alias -x) >/dev/null 2>&1; then
  inksh=true
fi
?X: On HP-UX, large Configure scripts may exercise a bug in /bin/sh, use ksh
if test -f /hp-ux -a -f /bin/ksh; then
 needksh='to avoid sh bug in "here document" expansion'
fi
?X: On
 AIX4, /bin/sh is really ksh and it causes problems, use sh
if test -d /usr/lpp -a -f /usr/bin/bsh -a -f /usr/bin/uname; then
 if test X`/usr/bin/uname -v` = X4; then
  avoidksh="to avoid AIX 4's /bin/sh"
  newsh=/usr/bin/bsh
 fi
fi
?X: On Digital UNIX, /bin/sh may start up buggy /bin/ksh, use sh
if test -f /osf_boot -a -f /usr/sbin/setld; then
 if test X`/usr/bin/uname -s` = XOSF1; then
  avoidksh="to avoid Digital UNIX' ksh"
  newsh=/bin/sh
?X: if BIN_SH is set to 'xpg4', sh will start up ksh
  unset BIN_SH
 fi
fi
?X: If we are not in ksh and need it, then feed us back to it
case "$inksh/$needksh" in
/[a-z]*)
?X: Clear ENV to avoid any ~/.kshrc that could alias cd or whatever...
?X: Don't use "unset ENV", that is not portable enough
  ENV=''
  changesh=true
  reason="$needksh"
 ;;
esac
?X: If we are in ksh and must avoid it, then feed us back to a new shell
case "$inksh/$avoidksh" in
true/[a-z]*)
 changesh=true
```

```
 reason="$avoidksh"
 ;;
esac
?X: Warn them if they use ksh on other systems,
 which are those where
?X: we don't need ksh nor want to avoid it explicitly, yet are using it.
case "$inksh/$needksh-$avoidksh-" in
true/--)
  cat <<EOM
(I see you are using the Korn shell.  Some ksh's blow up on $me,
mainly on older exotic systems.  If yours does, try the Bourne shell instead.)
EOM
 ;;
esac
case "$changesh" in
true)
 export newsh
 echo "(Feeding myself to $newsh $reason.)"
?X: Make sure they didn't say sh <Configure by checking whether $0 ends
?X: with Configure or not. If they did say sh <../../Configure, then too
?X: bad for them anyway, since we lost that path indication...
?X: Otherwise, execing $0 ensures we keep the full remote source dir
?X: indication for src.U.
 case "$0" in
 Configure|*/Configure) exec $newsh $0 "$@";;
 *) exec $newsh Configure "$@";;
 esac
 ;;
esac
?X: 2004.06.09 rac
?X: having $newsh persist as ksh here is bad news if ksh doesn't really
?X: exist. this causes us to toss away a perfectly good working test in
?X: bash in favor of more exotic
 external options. see bug 42665.
test -x "${newsh}" || unset newsh

?X: Unset CDPATH to avoid surprises when using cd under some shells
?X: Can't unset it because that's not portable to very old shells.
?X: Can't set it to '' because then bash 2.02 won't do "cd UU"  --AD  6/98.
?X: Don't want to set it to '.' because then ksh prints out the
?X: name of the directory every time you cd to it. --AD 6/98
?X: In order to inflict the least harm, change it only if it's set.
: if needed, set CDPATH to a harmless value that is not chatty
: avoid bash 2.02 problems with empty CDPATH.
case "$CDPATH" in
'') ;;
*) case "$SHELL" in
 *bash*) CDPATH='.' ;;
```

```
 *) CDPATH=" ;;
 esac
 ;;
esac

: Configure runs within the UU subdirectory
test -d UU || mkdir UU
?X: Use ./* to avoid any confirmation prompts from enhanced shells -- WED
cd UU && rm -f ./*
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Head.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: mailer.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: mailer.U,v $
?RCS: Revision 3.0.1.3  1995/01/11  15:32:11  ram
?RCS: patch45: can now use Loc variables since path stripping is deferred
?RCS:
?RCS: Revision 3.0.1.2  1994/05/06  15:10:04  ram
?RCS: patch23: ensure full path value is used for rmail also
?RCS:
?RCS: Revision 3.0.1.1  1994/01/24  14:14:18  ram
?RCS: patch16: now use _sendmail vars and friends for portability issues
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:10  ram
?RCS: Baseline for dist
 3.0 netwide release.
?RCS:
?MAKE:mailer: test cat rmail mail smail sendmail Getfile Oldconfig
?MAKE: -pick add $@ %<
?S:mailer:
?S: This variable contains the full pathname of a reasonable mailer.
?S: By reasonable, we mean some program which can understand internet
?S: addresses or at least forward them to some internet router. This
?S: mailer should be invoked as "mailer [options] recipients <mail".
?S:.
: determine the name of a reasonable mailer
```

```
case "$mailer" in
")
 if $test -f "$sendmail"; then
  dflt="$sendmail"
 elif $test -f "$smail"; then
  dflt="$smail"
 elif $test -f "$rmail"; then
  dflt="$rmail"
 elif $test -f /bin/mail; then
  dflt=/bin/mail
 else
  dflt=$mail
 fi
 ;;
*)  dflt="$mailer";;
esac
$cat <<EOM

I need the full pathname of the program used to deliver mail on your system.
A typical answer would be /usr/lib/sendmail or /bin/rmail, but you may choose
any other program, as long as it can be fed from standard input and will
honour any user-supplied headers.

EOM
fn=f
rp='Mail
 transport agent to be used?'
. ./getfile
mailer="$ans"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/mailer.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Copyright (c) 2001 Jarkko Hietaniemi
?RCS:
?MAKE:run to from targetarch usecrosscompile: src awk cat grep test rm \
```

```
 echo sed mkdir cp touch chmod
?MAKE: -pick add $@ %<
?Y:TOP
?S:usecrosscompile:
?S: This variable conditionally defines the USE_CROSS_COMPILE symbol,
?S: and indicates that our package has been cross-compiled.
?S:.
?S:run:
?S: This variable contains the command used by Configure
?S: to copy and execute a cross-compiled executable in the
?S: target host.  Useful and available only during
 the build.
?S: Empty string '' if not cross-compiling.
?S:.
?S:from:
?S: This variable contains the command used by Configure
?S: to copy files from the target host.  Useful and available
?S: only during the build.
?S: The string ':' if not cross-compiling.
?S:.
?S:to:
?S: This variable contains the command used by Configure
?S: to copy to from the target host.  Useful and available
?S: only during the build.
?S: The string ':' if not cross-compiling.
?S:.
?S:targetarch:
?S: If cross-compiling, this variable contains the target architecture.
?S: If not, this will be empty.
?S:.
?C:USE_CROSS_COMPILE:
?C: This symbol, if defined, indicates that the package is being
?C: cross-compiled.
?C:.
?C:CROSS_TARGET_ARCH:
?C: This symbol, if defined, indicates the target architecture
?C: the package has been cross-compiled to.
?C: Undefined if not a cross-compile.
?C:.
?H:?usecrosscompile:#ifndef USE_CROSS_COMPILE
?H:?usecrosscompile:#$usecrosscompile USE_CROSS_COMPILE /**/
?H:?usecrosscompile:#define
 CROSS_TARGET_ARCH "$targetarch" /**/
?H:?usecrosscompile:#endif
?H:.
?T:croak pwd exe f q i j cwd
?LINT:extern usecrosscompile
?LINT:extern cc
```

```
?LINT:extern usrinc
?LINT:change usrinc
?LINT:change ar
?LINT:change nm
?LINT:change ranlib
?LINT:extern targethost
?LINT:extern targetdir
?LINT:change targetdir
?LINT:extern targetuser
?LINT:change targetuser
?LINT:extern targetrun
?LINT:extern targetfrom
?LINT:extern targetto
?LINT:extern targetmkdir
?LINT:change targetrun
?LINT:change targetfrom
?LINT:change targetto
?LINT:change targetmkdir
?LINT:extern incpth
?LINT:extern libpth
?LINT:change incpth
?LINT:change libpth
?LINT:extern locincpth
?LINT:extern loclibpth
?LINT:change locincpth
?LINT:change loclibpth
?LINT:extern TMPDIR
: setup for possible cross-compilation
run=''
to=:
from=:
usecrosscompile='undef'
targetarch=''
case "$usecrosscompile" in
$define|true|[yY]*)
@if { test -d ../Cross }
?X:
?X: Cross-compilation is enabled when there is a 'Cross' directory found
?X: at the root
 of the package.  This directory must contain the following
?X: entries for defining the cross-compilation process:
?X:
?X: FIXME FIXME
?X: WE MUST DISTINGUISH BETWEEN LOCAL cross-compiling AND REMOTE ONE
?X: ACTUALLY, REMOTE COMPILATION SHOULD BE CONFIGURED INTERACTIVELY
?X: IT WILL COPY ALL THE FILES FROM THE MANIFEST DOWN TO THE REMOTE DIR...
?X: (and copy things like 'mkdep', etc...)
?X:
```

```
$echo "Cross-compiling..."
croak=''
case "$cc" in
*-*-gcc)
?X: A cross-compiling gcc, probably.
    targetarch=`$echo $cc|$sed 's/-gcc$//'`
    ar=$targetarch-ar
?X: leave out ld, choosing it is more complex
    nm=$targetarch-nm
    ranlib=$targetarch-ranlib
    $echo 'extern int foo;' > try.c
    set X `$cc -v -E try.c 2>&1 | \
  $awk '/^#include </,/^End of search /'|$grep '/include'`
    shift
 if $test $# -gt 0; then
        incpth="$incpth $*"
  incpth="`$echo $incpth|$sed 's/^ //'`"
  echo "Guessing incpth '$incpth'." >&4
  for i in $*; do
   j="`$echo $i|$sed 's,/include$,/lib,'`"
   if
$test -d $j; then
    libpth="$libpth $j"
   fi
  done
  libpth="`$echo $libpth|$sed 's/^ //'`"
  echo "Guessing libpth '$libpth'." >&4
    fi
    $rm -f try.c
    ;;
esac
case "$targetarch" in
'') echo "Targetarch not defined." >&4; croak=y ;;
*)  echo "Using targetarch $targetarch." >&4 ;;
esac
case "$incpth" in
'') echo "Incpth not defined." >&4; croak=y ;;
*)  echo "Using incpth '$incpth'." >&4 ;;
esac
case "$libpth" in
'') echo "Libpth not defined." >&4; croak=y ;;
*)  echo "Using libpth '$libpth'." >&4 ;;
esac
case "$usrinc" in
'')
 for i in $incpth; do
  if $test -f $i/errno.h -a -f $i/stdio.h -a -f $i/time.h; then
   usrinc=$i
```

```
  echo "Guessing usrinc $usrinc." >&4
  break
 fi
   done
   case "$usrinc" in
   ") echo "Usrinc not defined." >&4; croak=y ;;
   esac
 ;;
*)  echo "Using usrinc $usrinc." >&4 ;;
esac
case "$targethost" in
") echo "Targethost not defined." >&4; croak=y ;;
*)  echo "Using targethost $targethost."
>&4
esac
locincpth=' '
loclibpth=' '
case "$croak" in
y) echo "Cannot continue, aborting." >&4; exit 1 ;;
esac
case "$src" in
/*) run=$src/Cross/run
   targetmkdir=$src/Cross/mkdir
   to=$src/Cross/to
   from=$src/Cross/from
   ;;
*)  pwd=`$test -f ../Configure & cd ..; pwd`
   run=$pwd/Cross/run
   targetmkdir=$pwd/Cross/mkdir
   to=$pwd/Cross/to
   from=$pwd/Cross/from
   ;;
esac
case "$targetrun" in
") targetrun=ssh ;;
esac
case "$targetto" in
") targetto=scp ;;
esac
case "$targetfrom" in
") targetfrom=scp ;;
esac
run=$run-$targetrun
to=$to-$targetto
from=$from-$targetfrom
case "$targetdir" in
")
 targetdir="${TMPDIR:-/tmp}"
```

```
  echo "Guessing targetdir $targetdir." >&4
  ;;
 esac
 case "$targetuser" in
 ")
  targetuser=root
  echo "Guessing targetuser $targetuser." >&4
  ;;
 esac
 case "$targetfrom" in
 scp) q=-q ;;
 *) q=" ;;
 esac
 case "$targetrun" in
 ssh|rsh)
  $cat >$run <<EOF
#!/bin/sh
case "\$1" in
-cwd)
 shift
 cwd=\$1
  shift
 ;;
esac
case "\$cwd" in
") cwd=$targetdir ;;
esac
exe=\$1
shift
if $test ! -f \$exe.xok; then
 $to \$exe
 $touch \$exe.xok
fi
$targetrun -l $targetuser $targethost "cd \$cwd && ./\$exe \$@"
EOF
  ;;
 *)  echo "Unknown targetrun '$targetrun'" >&4
     exit 1
     ;;
 esac
 case "$targetmkdir" in
 */Cross/mkdir)
  $cat >$targetmkdir <<EOF
#!/bin/sh
$targetrun -l $targetuser $targethost "mkdir -p \$@"
EOF
     $chmod a+rx $targetmkdir
     ;;
```

```
 *)  echo "Unknown targetmkdir '$targetmkdir'" >&4
     exit 1
     ;;
 esac
 case "$targetto" in
 scp|rcp)
     $cat >$to <<EOF
#!/bin/sh
for f in \$@
do
 case "\$f" in
 /*)
   $targetmkdir \`dirname \$f\`
   $targetto $q \$f $targetuser@$targethost:\$f            || exit 1
   ;;
 *)
   $targetmkdir $targetdir/\`dirname \$f\`
   $targetto $q \$f $targetuser@$targethost:$targetdir/\$f || exit 1
   ;;
 esac
done
exit 0
EOF
     ;;
 cp) $cat >$to <<EOF
#!/bin/sh
for f in \$@
do
 case "\$f" in
 /*)
   $mkdir -p $targetdir/\`dirname
 \$f\`
   $cp \$f $targetdir/\$f || exit 1
   ;;
 *)
   $targetmkdir $targetdir/\`dirname \$f\`
   $cp \$f $targetdir/\$f || exit 1
   ;;
 esac
done
exit 0
EOF
     ;;
 *)  echo "Unknown targetto '$targetto'" >&4
     exit 1
     ;;
 esac
 case "$targetfrom" in
```

```
 scp|rcp)
   $cat >$from <<EOF
#!/bin/sh
for f in \$@
do
 $rm -f \$f
 $targetfrom $q $targetuser@$targethost:$targetdir/\$f . || exit 1
done
exit 0
EOF
     ;;
 cp) $cat >$from <<EOF
#!/bin/sh
for f in \$@
do
 $rm -f \$f
 cp $targetdir/\$f . || exit 1
done
exit 0
EOF
     ;;
 *)  echo "Unknown targetfrom '$targetfrom'" >&4
     exit 1
     ;;
 esac
 if $test ! -f $run; then
     echo "Target 'run' script '$run' not found." >&4
 else
     $chmod a+rx $run
 fi
 if $test ! -f $to; then
     echo "Target 'to' script '$to' not found." >&4
 else
     $chmod a+rx $to
 fi
 if $test ! -f $from; then
     echo "Target 'from' script '$from' not found." >&4
 else
     $chmod a+rx $from
 fi
 if $test ! -f $run -o ! -f $to -o !
 -f $from; then
     exit 1
 fi
 $cat >&4 <<EOF
Using '$run' for remote execution,
and '$from' and '$to'
for remote file transfer.
```

```
EOF
@else
 echo "Cross-compilation is not supported for this package." >&4
 exit 1
@end
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Cross.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2005 H.Merijn Brand
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_unsetenv: Inlibc
?MAKE: -pick add $@ %<
?S:d_unsetenv:
?S: This variable conditionally defines the HAS_UNSETENV symbol, which
?S: indicates to the C program that the unsetenv () routine is available.
?S:.
?C:HAS_UNSETENV:
?C: This symbol, if defined, indicates that the unsetenv () routine is
?C: available for use.
?C:.
?H:#$d_unsetenv HAS_UNSETENV  /**/
?H:.
?LINT:set d_unsetenv
: see if unsetenv exists
set unsetenv d_unsetenv
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_unsetenv.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: html3dir.U,v $
?RCS:
?RCS: Copyright (c) 1999 Andy Dougherty
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: html3dir.U,v $
?RCS:
?MAKE:html3dir html3direxp installhtml3dir: cat sed Loc Myread \
 spackage test Getfile Setprefixvar Prefixit Prefixup html1dir
?MAKE: -pick add $@ %<
?Y:TOP
?D:html3dir=''
?S:html3dir:
?S: This variable contains the name of the directory in which html
?S: source pages are to be put.  This directory is for pages
?S: that describe libraries or modules.  It is intended to
?S: correspond roughly to section 3 of the Unix manuals.
?S:.
?D:html3direxp=''
?S:html3direxp:
?S: This variable
 is the same as the html3dir variable, but is filename
?S: expanded at configuration time, for convenient use in makefiles.
?S:.
?D:installhtml3dir=''
?S:installhtml3dir:
?S: This variable is really the same as html3direxp, unless you are
?S: using a different installprefix.  For extra portability, you
?S: should only use this variable within your makefiles.
?S:.
?LINT:change prefixvar
?LINT:set html3direxp
?LINT:set installhtml3dir
: determine where html pages for libraries and modules go
set html3dir html3dir none
eval $prefixit
$cat <<EOM

If you wish to install html files for modules associated with $spackage,
indicate the appropriate directory here.  To skip installing html files,
answer "none".
EOM
: There is no obvious default.  If they have specified html1dir, then
: try to key off that, possibly changing .../html1 into .../html3.
case "$html3dir" in
'') html3dir=`echo "$html1dir" | $sed 's/1$/3$/'` ;;
*) dflt=$html3dir ;;
esac
fn=dn+~
```

```
rp="Directory for the $spackage module
 html pages?"
. ./getfile
prefixvar=html3dir
. ./setprefixvar
: Use ' ' for none so value is preserved next time through Configure
$test X"$html3dir" = "X" && html3dir=' '
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/html3dir.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_dld.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: i_dld.U,v $
?RCS: Revision 3.0.1.1  1994/10/29  16:20:07  ram
?RCS: patch36: created by ADO
?RCS:
?MAKE:i_dld: Inhdr
?MAKE: -pick add $@ %<
?S:i_dld:
?S: This variable conditionally defines the I_DLD symbol, which
?S: indicates to the C program that <dld.h> (GNU dynamic loading)
?S: exists and should be included.
?S:.
?C:I_DLD:
?C: This symbol, if defined, indicates that <dld.h>
 exists and should
?C: be included before using GNU dynamic loading features.
?C:.
?H:#$i_dld I_DLD /**/
?H:.
?LINT:set i_dld
: see if dld is available
set dld.h i_dld
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_dld.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: perlxv.U,v 1.1 2000/08/31 17:53:56 jhi Exp jhi $
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:ivtype uvtype nvtype ivsize uvsize nvsize \
    i8type u8type i16type u16type i32type u32type i64type u64type \
    i8size u8size i16size u16size i32size u32size i64size u64size \
    d_nv_preserves_uv nv_preserves_uv_bits nv_overflows_integers_at \
    d_nv_zero_is_allbits_zero: \
 echo rm_try use64bitint d_quad quadtype uquadtype usequadmath \
 d_longdbl uselongdouble longdblsize doublesize i_quadmath \
 shortsize intsize longsize i_stdlib libs gccversion \
 cat Compile i_inttypes test signal_t run
?MAKE: -pick add $@ %<
?S:ivtype:
?S: This variable contains the C type used for Perl's IV.
?S:.
?S:uvtype:
?S: This variable contains the C type
 used for Perl's UV.
?S:.
?S:nvtype:
?S: This variable contains the C type used for Perl's NV.
?S:.
?S:i8type:
?S: This variable contains the C type used for Perl's I8.
?S:.
?S:u8type:
?S: This variable contains the C type used for Perl's U8.
?S:.
?S:i16type:
?S: This variable contains the C type used for Perl's I16.
?S:.
?S:u16type:
?S: This variable contains the C type used for Perl's U16.
?S:.
?S:i32type:
?S: This variable contains the C type used for Perl's I32.
?S:.
?S:u32type:
```

?S: This variable contains the C type used for Perl's U32.
?S:.
?S:i64type:
?S: This variable contains the C type used for Perl's I64.
?S:.
?S:u64type:
?S: This variable contains the C type used for Perl's U64.
?S:.
?S:ivsize:
?S: This variable is the size of an IV in bytes.
?S:.
?S:uvsize:
?S: This variable is the size of a UV in bytes.
?S:.
?S:i8size:
?S: This variable is the size of an I8 in bytes.
?S:.
?S:u8size:
?S: This variable is the size of an U8 in bytes.
?S:.
?S:i16size:
?S: This variable is the
 size of an I16 in bytes.
?S:.
?S:u16size:
?S: This variable is the size of an U16 in bytes.
?S:.
?S:i32size:
?S: This variable is the size of an I32 in bytes.
?S:.
?S:u32size:
?S: This variable is the size of an U32 in bytes.
?S:.
?S:i64size:
?S: This variable is the size of an I64 in bytes.
?S:.
?S:u64size:
?S: This variable is the size of an U64 in bytes.
?S:.
?S:nvsize:
?S: This variable is the size of a Perl NV in bytes.
?S: Note that some floating point formats have unused bytes.
?S:.
?S:d_nv_preserves_uv:
?S: This variable indicates whether a variable of type nvtype
?S: can preserve all the bits a variable of type uvtype.
?S:.
?S:nv_preserves_uv_bits:

```
?S: This variable indicates how many of bits type uvtype
?S: a variable nvtype can preserve.
?S:.
?S:nv_overflows_integers_at:
?S: This variable gives the largest integer value that NVs can hold
?S: as a constant floating point expression.
?S: If it could not be determined, it holds the value 0.
?S:.
?S:d_nv_zero_is_allbits_zero:
?S: This
 variable indicates whether a variable of type nvtype
?S: stores 0.0 in memory as all bits zero.
?S:.
?C:IVTYPE:
?C: This symbol defines the C type used for Perl's IV.
?C:.
?C:UVTYPE:
?C: This symbol defines the C type used for Perl's UV.
?C:.
?C:I8TYPE:
?C: This symbol defines the C type used for Perl's I8.
?C:.
?C:U8TYPE:
?C: This symbol defines the C type used for Perl's U8.
?C:.
?C:I16TYPE:
?C: This symbol defines the C type used for Perl's I16.
?C:.
?C:U16TYPE:
?C: This symbol defines the C type used for Perl's U16.
?C:.
?C:I32TYPE:
?C: This symbol defines the C type used for Perl's I32.
?C:.
?C:U32TYPE:
?C: This symbol defines the C type used for Perl's U32.
?C:.
?C:I64TYPE:
?C: This symbol defines the C type used for Perl's I64.
?C:.
?C:U64TYPE:
?C: This symbol defines the C type used for Perl's U64.
?C:.
?C:NVTYPE:
?C: This symbol defines the C type used for Perl's NV.
?C:.
?C:IVSIZE:
?C: This symbol contains the sizeof(IV).
```

```
?C:.
?C:UVSIZE:
?C: This symbol contains the
 sizeof(UV).
?C:.
?C:I8SIZE:
?C: This symbol contains the sizeof(I8).
?C:.
?C:U8SIZE:
?C: This symbol contains the sizeof(U8).
?C:.
?C:I16SIZE:
?C: This symbol contains the sizeof(I16).
?C:.
?C:U16SIZE:
?C: This symbol contains the sizeof(U16).
?C:.
?C:I32SIZE:
?C: This symbol contains the sizeof(I32).
?C:.
?C:U32SIZE:
?C: This symbol contains the sizeof(U32).
?C:.
?C:I64SIZE:
?C: This symbol contains the sizeof(I64).
?C:.
?C:U64SIZE:
?C: This symbol contains the sizeof(U64).
?C:.
?C:NVSIZE:
?C: This symbol contains the sizeof(NV).
?C: Note that some floating point formats have unused bytes.
?C: The most notable example is the x86* 80-bit extended precision
?C: which comes in byte sizes of 12 and 16 (for 32 and 64 bit
?C: platforms, respectively), but which only uses 10 bytes.
?C: Perl compiled with -Duselongdouble on x86* is like this.
?C:.
?C:NV_PRESERVES_UV:
?C: This symbol, if defined, indicates that a variable of type NVTYPE
?C: can preserve all the bits of a variable of type UVTYPE.
?C:.
?C:NV_PRESERVES_UV_BITS:
?C: This
 symbol contains the number of bits a variable of type NVTYPE
?C: can preserve of a variable of type UVTYPE.
?C:.
?C:NV_OVERFLOWS_INTEGERS_AT:
?C: This symbol gives the largest integer value that NVs can hold. This
```

```
?C: value + 1.0 cannot be stored accurately. It is expressed as constant
?C: floating point expression to reduce the chance of decimal/binary
?C: conversion issues. If it can not be determined, the value 0 is given.
?C:.
?C:NV_ZERO_IS_ALLBITS_ZERO:
?C: This symbol, if defined, indicates that a variable of type NVTYPE
?C: stores 0.0 in memory as all bits zero.
?C:.
?H:#define IVTYPE  $ivtype  /**/
?H:#define UVTYPE  $uvtype  /**/
?H:#define I8TYPE  $i8type  /**/
?H:#define U8TYPE  $u8type  /**/
?H:#define I16TYPE  $i16type /**/
?H:#define U16TYPE  $u16type /**/
?H:#define I32TYPE  $i32type /**/
?H:#define U32TYPE  $u32type /**/
?H:?%<:#ifdef HAS_QUAD
?H:?%<:#define I64TYPE  $i64type /**/
?H:?%<:#define U64TYPE  $u64type /**/
?H:?%<:#endif
?H:#define NVTYPE  $nvtype  /**/
?H:#define IVSIZE  $ivsize  /**/
?H:#define UVSIZE  $uvsize  /**/
?H:#define I8SIZE  $i8size  /**/
?H:#define U8SIZE  $u8size  /**/
?H:#define I16SIZE  $i16size /**/
?H:#define U16SIZE  $u16size /**/
?H:#define I32SIZE  $i32size /**/
?H:#define U32SIZE  $u32size /**/
?H:?%<:#ifdef
 HAS_QUAD
?H:?%<:#define I64SIZE  $i64size /**/
?H:?%<:#define U64SIZE  $u64size /**/
?H:?%<:#endif
?H:#define NVSIZE  $nvsize  /**/
?H:#$d_nv_preserves_uv NV_PRESERVES_UV
?H:#define NV_PRESERVES_UV_BITS $nv_preserves_uv_bits
?H:#define NV_OVERFLOWS_INTEGERS_AT ($nv_overflows_integers_at)
?H:#$d_nv_zero_is_allbits_zero NV_ZERO_IS_ALLBITS_ZERO
?H:?%<:#if UVSIZE == 8
?H:?%<:#   ifdef BYTEORDER
?H:?%<:#       if BYTEORDER == 0x1234
?H:?%<:#           undef BYTEORDER
?H:?%<:#           define BYTEORDER 0x12345678
?H:?%<:#       else
?H:?%<:#           if BYTEORDER == 0x4321
?H:?%<:#               undef BYTEORDER
?H:?%<:#               define BYTEORDER 0x87654321
```

```
?H:?%<:#
    endif
?H:?%<:#       endif
?H:?%<:#   endif
?H:?%<:#endif
?H:.
?T:xxx
?T:d
?F:!try
: Check basic sizes
echo " "
$echo "Choosing the C types to be used for Perl's internal types..." >&4

case "$use64bitint:$d_quad:$quadtype" in
define:define:?*)
 ivtype="$quadtype"
 uvtype="$uquadtype"
 ivsize=8
 uvsize=8
 ;;
*) ivtype="long"
 uvtype="unsigned long"
 ivsize=$longsize
 uvsize=$longsize
 ;;
esac

case "$uselongdouble:$d_longdbl" in
define:define)
 nvtype="long double"
 nvsize=$longdblsize
 ;;
*) nvtype=double
 nvsize=$doublesize
 ;;
esac

case "$usequadmath:$i_quadmath" in
define:define)
 nvtype="__float128"
 nvsize=16
 case "$libs" in
 *quadmath*) ;;
 *) $cat <<EOM >&4

*** You requested the use of the quadmath library, but you
*** do not seem to have the quadmath library installed.
*** Cannot continue, aborting.
```

```
EOM
   exit 1
   ;;
 esac
 ;;
define:*) $cat <<EOM >&4

*** You requested the use of the quadmath library, but you
*** do not seem to have the required header, <quadmath.h>.
EOM
  case "$gccversion" in
 [23].*|4.[0-5]*)
  $cat <<EOM >&4
*** Your gcc looks a bit old:
*** $gccversion
EOM
   ;;
 ")
  $cat <<EOM >&4
*** You are not running a gcc.
EOM
   ;;
 esac
 $cat <<EOM >&4
*** For the quadmath library you need at least gcc 4.6.
*** Cannot continue, aborting.
EOM
 exit 1
 ;;
esac

$echo "(IV will be "$ivtype", $ivsize bytes)"
$echo "(UV will be "$uvtype", $uvsize bytes)"
$echo "(NV will be "$nvtype", $nvsize bytes)"

$cat >try.c <<EOCP
#$i_inttypes I_INTTYPES
#ifdef I_INTTYPES
#include <inttypes.h>
#endif
#include <stdio.h>
int main() {
#ifdef INT8
  int8_t i =  INT8_MAX;
 uint8_t u = UINT8_MAX;
 printf("int8_t\n");
#endif
#ifdef INT16
```

```
  int16_t i =  INT16_MAX;
 uint16_t u = UINT16_MAX;
 printf("int16_t\n");
#endif
#ifdef INT32
  int32_t i =  INT32_MAX;
 uint32_t u = UINT32_MAX;
 printf("int32_t\n");
#endif
}
EOCP

i8type="signed char"
u8type="unsigned char"
i8size=1
u8size=1

case "$i16type" in
") case "$shortsize" in
 2) i16type=short
  u16type="unsigned
 short"
  i16size=$shortsize
  u16size=$shortsize
  ;;
 esac
 ;;
esac
case "$i16type" in
") set try -DINT16
 if eval $compile; then
  case "`$run ./try`" in
  int16_t)
   i16type=int16_t
   u16type=uint16_t
   i16size=2
   u16size=2
   ;;
  esac
 fi
 ;;
esac
case "$i16type" in
") if $test $shortsize -ge 2; then
  i16type=short
  u16type="unsigned short"
  i16size=$shortsize
  u16size=$shortsize
```

```
 fi
 ;;
esac

case "$i32type" in
") case "$longsize" in
 4) i32type=long
  u32type="unsigned long"
  i32size=$longsize
  u32size=$longsize
  ;;
 *) case "$intsize" in
  4) i32type=int
   u32type="unsigned int"
   i32size=$intsize
   u32size=$intsize
   ;;
  esac
  ;;
 esac
 ;;
esac
case "$i32type" in
") set try -DINT32
 if eval $compile; then
  case "`$run ./try`" in
  int32_t)
   i32type=int32_t
   u32type=uint32_t
   i32size=4
   u32size=4
   ;;
  esac
 fi
 ;;
esac
case "$i32type" in
") if $test $intsize -ge 4; then
  i32type=int
  u32type="unsigned int"
  i32size=$intsize
  u32size=$intsize
 fi
 ;;
esac

case
```

```
 "$i64type" in
") case "$d_quad:$quadtype" in
 define:?*)
  i64type="$quadtype"
  u64type="$uquadtype"
  i64size=8
  u64size=8
  ;;
 esac
 ;;
esac

$echo "Checking how many bits of your UVs your NVs can preserve..." >&4
$cat <<EOP >try.c
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#include <sys/types.h>
#include <signal.h>
#ifdef SIGFPE
/* volatile so that the compiler has to store it out to memory */
volatile int bletched = 0;
$signal_t blech(int s) { bletched = 1; }
#endif
int main() {
   $uvtype u = 0;
   $nvtype d;
   int     n = 8 * $uvsize;
   int     i;
#ifdef SIGFPE
   signal(SIGFPE, blech);
#endif

   for (i = 0; i < n; i++) {
     u = u << 1 | ($uvtype)1;
     d = ($nvtype)u;
     if (($uvtype)d != u)
       break;
     if (d <= 0)
 break;
     d = ($nvtype)(u - 1);
     if (($uvtype)d != (u - 1))
       break;
#ifdef SIGFPE
     if (bletched)
 break;
```

```
#endif
   }
   printf("%d\n",
 ((i == n) ? -n : i));
   exit(0);
}
EOP
set try

d_nv_preserves_uv="$undef"
if eval $compile; then
 nv_preserves_uv_bits="`$run ./try`"
fi
case "$nv_preserves_uv_bits" in
\-[1-9]*)
 nv_preserves_uv_bits=`expr 0 - $nv_preserves_uv_bits`
 $echo "Your NVs can preserve all $nv_preserves_uv_bits bits of your UVs."  2>&1
 d_nv_preserves_uv="$define"
 ;;
[1-9]*) $echo "Your NVs can preserve only $nv_preserves_uv_bits bits of your UVs."  2>&1
 d_nv_preserves_uv="$undef" ;;
*) $echo "Can't figure out how many bits your NVs preserve." 2>&1
 nv_preserves_uv_bits="0" ;;
esac
$rm_try

$echo "Checking to find the largest integer value your NVs can hold..." >&4
$cat <<EOP >try.c
#include <stdio.h>

typedef $nvtype NV;

int
main() {
 NV value = 2;
 int count = 1;

 while(count < 256) {
   /* volatile so that the compiler has to store it out to memory */
   volatile NV up = value + 1.0;
   volatile NV negated = -value;
   volatile NV down = negated - 1.0;
   volatile NV got_up = up
 - value;
   int up_good = got_up == 1.0;
   int got_down = down - negated;
   int down_good = got_down == -1.0;
```

```
  if (down_good != up_good) {
    fprintf(stderr,
      "Inconsistency - up %d %f; down %d %f; for 2**%d (%.20f)\n",
      up_good, (double) got_up, down_good, (double) got_down,
      count, (double) value);
    return 1;
  }
  if (!up_good) {
    while (1) {
 if (count > 8) {
  count -= 8;
  fputs("256.0", stdout);
 } else {
  count--;
  fputs("2.0", stdout);
 }
 if (!count) {
  puts("");
  return 0;
 }
 fputs("*", stdout);
    }
  }
  value *= 2;
  ++count;
 }
 fprintf(stderr, "Cannot overflow integer range, even at 2**%d (%.20f)\n",
  count, (double) value);
 return 1;
}
EOP
set try

nv_overflows_integers_at='0'
if eval $compile; then
  xxx="`$run ./try`"
  case "$?" in
 0)
    case "$xxx" in
  2*)  cat >&4 <<EOM
The largest integer your NVs can preserve is equal to $xxx
EOM
      nv_overflows_integers_at="$xxx"
      ;;
  *)  cat
 >&4 <<EOM
Cannot determine the largest integer value your NVs can hold, unexpected output
'$xxx'
```

```
EOM
      ;;
     esac
     ;;
 *)  cat >&4 <<EOM
Cannot determine the largest integer value your NVs can hold
EOM
     ;;
   esac
fi
$rm_try

$echo "Checking whether NV 0.0 is all bits zero in memory..." >&4
$cat <<EOP >try.c
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#include <string.h>
#include <sys/types.h>
#include <signal.h>
#ifdef SIGFPE
/* volatile so that the compiler has to store it out to memory */
volatile int bletched = 0;
$signal_t blech(int s) { bletched = 1; }
#endif

int checkit($nvtype d, const char *where) {
   void *v = &d;
   unsigned char *p = (unsigned char *)v;
   unsigned char *end = p + sizeof(d);
   int fail = 0;

   while (p < end)
 fail += *p++;

   if (!fail)
 return 0;

   p = (unsigned char *)v;
   printf("No - %s: 0x", where);
   while (p < end)
 printf ("%02X", *p++);
   printf("\n");
   return 1;
}
```

```
int
 main(int argc, char **argv) {
   $nvtype d = 0.0;
   int fail = 0;
   fail += checkit(d, "0.0");

   /* The compiler shouldn't be assuming that bletched is 0  */
   d = bletched;

   fail += checkit(d, "bleched");

#ifdef SIGFPE
   signal(SIGFPE, blech);
#endif

   /* Paranoia - the compiler should have no way of knowing that ANSI says
      that argv[argc] will always be NULL.  Actually, if it did assume this it
      would be buggy, as this is C and main() can be called from elsewhere in
      the program.  */
   d = argv[argc] ? 1 : 0;

   if (d) {
 printf("Odd argv[argc]=%p, d=%g\n", argv[argc], d);
   }

   fail += checkit(d, "ternary");

   memset(&d, sizeof(d), argv[argc] ? 1 : 0);

   if (d != 0.0) {
 printf("No - memset doesn't give 0.0\n");
 /* This might just blow up:  */
 printf("(gives %g)\n", d);
 return 1;
   }

#ifdef SIGFPE
   if (bletched) {
 printf("No - something bleched\n");
 return 1;
   }
#endif
   if (fail) {
     printf("No - %d fail(s)\n",
 fail);
     return 1;
   }
   printf("Yes\n");
```

```
   return 0;
}
EOP
set try

d_nv_zero_is_allbits_zero="$undef"
if eval $compile; then
   xxx="`$run ./try`"
   case "$?" in
 0)
     case "$xxx" in
  Yes)  cat >&4 <<EOM
0.0 is represented as all bits zero in memory
EOM
      d_nv_zero_is_allbits_zero="$define"
      ;;
  *)  cat >&4 <<EOM
0.0 is not represented as all bits zero in memory
EOM
      d_nv_zero_is_allbits_zero="$undef"
      ;;
     esac
     ;;
 *)  cat >&4 <<EOM
0.0 is not represented as all bits zero in memory
EOM
     d_nv_zero_is_allbits_zero="$undef"
     ;;
   esac
fi
$rm_try
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/perlxv.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_msgctl.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_msgctl.U,v $
```

```
?RCS: Revision 3.0  1993/08/18  12:06:38  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_msgctl: Inlibc
?MAKE: -pick add $@ %<
?S:d_msgctl:
?S: This variable conditionally defines the HAS_MSGCTL symbol, which
?S: indicates to the C program that the msgctl() routine is available.
?S:.
?C:HAS_MSGCTL:
?C: This symbol, if defined, indicates that the msgctl() routine is
?C: available to perform message control operations.
?C:.
?H:#$d_msgctl
 HAS_MSGCTL  /**/
?H:.
?LINT:set d_msgctl
: see if msgctl exists
set msgctl d_msgctl
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_msgctl.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: Original author Jarkko Hietaniemi <jhi@iki.fi>
?RCS: Merged into dist by Andy Dougherty  July 13, 1998
?RCS:
?MAKE:trnl: Nothing
?MAKE: -pick add $@ %<
?S:trnl:
?S: This variable contains the value to be passed to the tr(1)
?S: command to transliterate a newline.  Typical values are
?S: '\012' and '\n'.  This is needed for EBCDIC systems where
?S: newline is not necessarily '\012'.
```

```
?S:.
?T: DJGPP
: Find the appropriate value for a newline for tr
?X: We can't
 use $tr since that would cause a circular dependency via Myread
?X: dos djgpp uses '\015\012', but reportedly is happy with '\012' in the
?X: tr command.  I don't know why it passes the '\n' test but later
?X: refuses to work correctly with it.  --AD  6/14/98
if test -n "$DJGPP"; then
	trnl='\012'
fi
if test X"$trnl" = X; then
 case "`echo foo | tr '\n' x 2>/dev/null`" in
 foox) trnl='\n' ;;
 esac
fi
if test X"$trnl" = X; then
 case "`echo foo | tr '\012' x 2>/dev/null`" in
 foox) trnl='\012' ;;
 esac
fi
if test X"$trnl" = X; then
	case "`echo foo | tr '\r\n' xy 2>/dev/null`" in
	fooxy) trnl='\n\r' ;;
	esac
fi
if test X"$trnl" = X; then
 cat <<EOM >&2

$me: Fatal Error: cannot figure out how to translate newlines with 'tr'.

EOM
 exit 1
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/trnl.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: installprefix.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera $
?RCS:
?RCS: Copyright (c) 1999 Andy Dougherty
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: installprefix.U,v $
?RCS: Revision 1.1  1999/07/08 18:32:57  doughera
?RCS: Initial revision
?RCS:
?RCS:
?MAKE:installprefix installprefixexp: Getfile Loc \
 Oldconfig afs cat package prefix
?MAKE: -pick add $@ %<
?S:installprefix:
?S: This variable holds the name of the directory below which
?S: "make install" will install the package.  For most users, this
?S: is the same
 as prefix.  However, it is useful for
?S: installing the software into a different (usually temporary)
?S: location after which it can be bundled up and moved somehow
?S: to the final location specified by prefix.
?S:.
?S:installprefixexp:
?S: This variable holds the full absolute path of installprefix
?S: with all ~-expansion done.
?S:.
: determine installation prefix for where package is to be installed.
if $afs; then
$cat <<EOM

Since you are running AFS, I need to distinguish the directory in which
files will reside from the directory in which they are installed (and from
which they are presumably copied to the former directory by occult means).

EOM
 case "$installprefix" in
 ") dflt=`echo $prefix | sed 's#^/afs/#/afs/.#'`;;
 *) dflt="$installprefix";;
 esac
else
$cat <<EOM

In some special cases, particularly when building $package for distribution,
it is convenient to distinguish the directory in which files should be
installed from the directory ($prefix) in which they will
eventually
 reside.  For most users, these two directories are the same.

EOM
```

```
 case "$installprefix" in
 ") dflt=$prefix ;;
 *) dflt=$installprefix;;
 esac
fi
fn=d~
rp='What installation prefix should I use for installing files?'
. ./getfile
installprefix="$ans"
installprefixexp="$ansexp"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/installprefix.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_strtok.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_strtok.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:38  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: The strtok routine now appears to be a standard one, but it was
?X: missing in early BSD systems.
?X:
?MAKE:d_strtok: Inlibc
?MAKE: -pick add $@ %<
?S:d_strtok:
?S: This variable conditionally defines HAS_STRTOK if strtok() is
?S: available to scan strings for tokens.
?S:.
?C:HAS_STRTOK (STRTOK):
?C: This symbol, if defined, indicates
 that the strtok routine is
?C: available to scan strings for tokens.
?C:.
?H:#$d_strtok HAS_STRTOK /**/
?H:.
?LINT:set d_strtok
```

```
: see if strtok exists
set strtok d_strtok
eval $inlibc

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strtok.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Cppsym.U,v $
?RCS: Revision 3.0.1.5  1995/05/12  11:59:11  ram
?RCS: patch54: split awk command onto two lines for older awks (ADO)
?RCS:
?RCS: Revision 3.0.1.4  1995/01/11  14:55:57  ram
?RCS: patch45: new cc vs. cpp symbol checking suggested by JHI
?RCS: patch45: added more cpp symbols (JHI)
?RCS:
?RCS: Revision 3.0.1.3  1994/10/29  15:51:32  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS: patch36: new symbols ardent and titan (ADO)
?RCS:
?RCS: Revision 3.0.1.2  1994/06/20
  06:53:32  ram
?RCS: patch30: extended cpp symbol lookup list (JHI)
?RCS: patch30: renamed attrlist symbol into al for brevity
?RCS:
?RCS: Revision 3.0.1.1  1993/12/15  08:14:14  ram
?RCS: patch15: added new cpp symbols __bsdi__ and BSD_NET2
?RCS:
?RCS: Revision 3.0  1993/08/18  12:04:50  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit produces a shell script called Cppsym, which can be used to
?X: determine whether any in a list of symbols is defined by the C compilation
?X: chain (C preprocessor symbols plus C compiler native ones).
?X: It can determine the status of any symbol, though the symbols in $al
?X: are more easily determined.  If you want to add to $al you can do
```

```
?X: it in Myinit.U.
?X:
?MAKE:Cppsym ccsymbols cppsymbols cppccsymbols: run \
 eunicefix Guess awk cat tr sed sort rm startsh osname \
 +cc gccversion test comm uniq echo Options trnl \
 optimize ccflags ldflags libs
?MAKE: -pick add $@ %<
?S:ccsymbols:
?S: The variable contains the symbols
 defined by the C compiler alone.
?S: The symbols defined by cpp or by cc when it calls cpp are not in
?S: this list, see cppsymbols and cppccsymbols.
?S: The list is a space-separated list of symbol=value tokens.
?S:.
?S:cppsymbols:
?S: The variable contains the symbols defined by the C preprocessor
?S: alone.  The symbols defined by cc or by cc when it calls cpp are
?S: not in this list, see ccsymbols and cppccsymbols.
?S: The list is a space-separated list of symbol=value tokens.
?S:.
?S:cppccsymbols:
?S: The variable contains the symbols defined by the C compiler
?S: when it calls cpp.  The symbols defined by the cc alone or cpp
?S: alone are not in this list, see ccsymbols and cppsymbols.
?S: The list is a space-separated list of symbol=value tokens.
?S:.
?T:also symbols i postprocess_cc_v flags
?F:./Cppsym
?F:!Cppsym.true !Cppsym.know !ccsym.com !ccsym.cpp !ccsym.own
: determine known pre-processor and compiler symbols
echo " "
$echo "Guessing which symbols your C compiler and preprocessor
 define..." >&4
?X:
?X: The symbol list is in alpha order for ease of maintenance...
?X:
?X: Lots of new symbols (mostly rummaged from gcc), courtesy of
?X: Jarkko Hietaniemi <jhi@snakemail.hut.fi> -- RAM, 06/06/94
?X:
?X: If your symbol is mixed case, just add it as-is.
?X: All symbols will be transformed to both all-lower and all-upper.
?X: Also drop any leading/trailing underscores, the scan will try all those.
?X:
$cat <<'EOSH' > Cppsym.know
a29k ABI64 aegis AES_SOURCE AIX AIX32 AIX370
AIX41 AIX42 AIX43 AIX_SOURCE aixpc ALL_SOURCE
alliant alpha am29000 AM29000 AMD64 amiga AMIGAOS AMIX
ansi ANSI_C_SOURCE apollo ardent ARM32 atarist att386 att3b
```

BeOS BIG_ENDIAN BIT_MSF bsd BSD bsd43 bsd4_2 bsd4_3 BSD4_3 bsd4_4
BSD_4_3 BSD_4_4 BSD_NET2 BSD_TIME BSD_TYPES BSDCOMPAT bsdi
bull c cadmus clipper CMU COFF COMPILER_VERSION
concurrent convex cpu cray CRAY CRAYMPP ctix CX_UX
CYGWIN DGUX DGUX_SOURCE DJGPP dmert DOLPHIN DPX2 DSO
Dynix DynixPTX ELF encore EPI EXTENSIONS FAVOR_BSD
FILE_OFFSET_BITS
FreeBSD GCC_NEW_VARARGS gcos gcx gimpel
GLIBC GLIBC_MINOR
GNU_SOURCE GNUC GNUC_MINOR GNU_LIBRARY GO32 gould GOULD_PN
H3050R H3050RX hbullx20 hcx host_mips
hp200 hp300 hp700 HP700 hp800 hp9000
hp9000s200 hp9000s300 hp9000s400 hp9000s500
hp9000s700 hp9000s800 hp9k8 hp_osf hppa hpux HPUX_SOURCE
i186 i286 i386 i486 i586 i686 i8086 i80960 i860 I960
IA64 iAPX286 ibm ibm032 ibmesa IBMR2 ibmrt ILP32 ILP64
INLINE_INTRINSICS INTRINSICS INT64 interdata is68k ksr1
LANGUAGE_C LARGE_FILE_API LARGEFILE64_SOURCE
LARGEFILE_SOURCE LFS64_LARGEFILE LFS_LARGEFILE
Linux LITTLE_ENDIAN LONG64 LONG_DOUBLE LONG_LONG
LONGDOUBLE LONGLONG LP64 luna luna88k Lynx
M68000 m68k m88100 m88k M88KBCS_TARGET M_COFF
M_I186 M_I286 M_I386 M_I8086 M_I86 M_I86SM M_SYS3
M_SYS5 M_SYSIII M_SYSV M_UNIX M_XENIX MACH machine MachTen
MATH_HAS_NO_SIDE_EFFECTS
mc300 mc500 mc68000 mc68010 mc68020 mc68030 mc68040
mc68060 mc68k mc68k32 mc700 mc88000 mc88100 merlin
mert MiNT mips MIPS_FPSET MIPS_ISA MIPS_SIM MIPS_SZINT
MIPS_SZLONG
MIPS_SZPTR MIPSEB MIPSEL MODERN_C motorola
mpeix MSDOS MTXINU MULTIMAX mvs MVS n16 ncl_el ncl_mr
NetBSD news1500 news1700 news1800 news1900 news3700
news700 news800 news900 NeXT NLS nonstopux ns16000 ns32000
ns32016 ns32332 ns32k nsc32000
OCS88 OEMVS OpenBSD os OS2 OS390 osf OSF1 OSF_SOURCE
pa_risc PA_RISC1_1 PA_RISC2_0 PARAGON parisc
pc532 pdp11 PGC PIC plexus PORTAR posix
POSIX1B_SOURCE POSIX2_SOURCE POSIX4_SOURCE
POSIX_C_SOURCE POSIX_SOURCE POWER
PROTOTYPES PWB pyr QNX R3000 REENTRANT RES Rhapsody RISC6000
riscix riscos RT S390 SA110 scs SCO sequent sgi SGI_SOURCE SH3 sinix
SIZE_INT SIZE_LONG SIZE_PTR SOCKET_SOURCE SOCKETS_SOURCE
sony sony_news sonyrisc sparc sparclite spectrum
stardent stdc STDC_EXT stratos sun sun3 sun386
Sun386i svr3 svr4 SVR4_2 SVR4_SOURCE svr5
SX system SYSTYPE_BSD SYSTYPE_BSD43 SYSTYPE_BSD44
SYSTYPE_SVR4 SYSTYPE_SVR5 SYSTYPE_SYSV SYSV SYSV3 SYSV4 SYSV5
sysV68 sysV88 Tek4132 Tek4300 titan

```
TM3200 TM5400 TM5600
tower tower32 tower32_200 tower32_600 tower32_700
tower32_800
 tower32_850 tss
u370 u3b u3b2 u3b20 u3b200 u3b20d u3b5
ultrix UMAXV UnicomPBB UnicomPBD UNICOS UNICOSMK
unix UNIX95 UNIX99 unixpc unos
USE_BSD USE_FILE_OFFSET64 USE_GNU USE_ISOC9X USE_LARGEFILE USE_LARGEFILE64
USE_MISC USE_POSIX USE_POSIX199309 USE_POSIX199506 USE_POSIX2
USE_REENTRANT USE_SVID USE_UNIX98 USE_XOPEN USE_XOPEN_EXTENDED
USGr4 USGr4_2
Utek UTek UTS UWIN uxpm uxps vax venix VMESA vms xenix Xenix286
XOPEN_SOURCE XOPEN_SOURCE_EXTENDED XPG2 XPG2_EXTENDED
XPG3 XPG3_EXTENDED XPG4 XPG4_EXTENDED
z8000
EOSH
?X: Maybe put other stuff here too.
cat <<EOSH >>Cppsym.know
$osname
EOSH
./tr '[a-z]' '[A-Z]' < Cppsym.know > Cppsym.a
./tr '[A-Z]' '[a-z]' < Cppsym.know > Cppsym.b
$cat Cppsym.know > Cppsym.c
$cat Cppsym.a Cppsym.b Cppsym.c | $tr ' ' $trnl | $sort | $uniq > Cppsym.know
$rm -f Cppsym.a Cppsym.b Cppsym.c
cat <<EOSH > Cppsym
$startsh
if $test \$# -gt 0; then
   echo \$* | $tr " " "$trnl" | ./Cppsym.try > Cppsym.got
   if $test -s Cppsym.got; then
       $rm -f Cppsym.got
        exit 0
   fi
   $rm -f Cppsym.got
   exit 1
else
   $tr " " "$trnl" | ./Cppsym.try
   exit 0
fi
EOSH
chmod +x Cppsym
$eunicefix Cppsym
?X: The below awk script will die a horrible death if
?X: some of the tested symbols are not long ints.
?X: Also, we do not make difference between just defined and defined zero.
cat <<EOSH > Cppsym.try
$startsh
cat <<'EOCP' > try.c
```

```
#include <stdio.h>
int main() {
EOCP
?X: The length($1) command guards against possible empty entries.
?X: The awk snippet is know to give heartburn to UNICOS/mk awk.
$awk \\
EOSH
cat <<'EOSH' >> Cppsym.try
'length($1) > 0 {
   printf "#ifdef %s\n#if %s+0\nprintf(\"%s=%%ld\\n\", (long)%s);\n#else\nprintf(\"%s\\n\");\n#endif\n#endif\n", $1,
$1, $1, $1, $1, $1
   printf "#ifdef _%s\n#if _%s+0\nprintf(\"_%s=%%ld\\n\",
(long)_%s);\n#else\nprintf(\"_%s\\n\");\n#endif\n#endif\n", $1, $1, $1, $1, $1
   printf "#ifdef __%s\n#if __%s+0\nprintf(\"__%s=%%ld\\n\",
(long)__%s);\n#else\nprintf(\"__%s\\n\");\n#endif\n#endif\n",
 $1, $1, $1, $1, $1
   printf "#ifdef __%s__\n#if __%s__+0\nprintf(\"__%s__=%%ld\\n\",
(long)__%s__);\n#else\nprintf(\"__%s__\\n\");\n#endif\n#endif\n", $1, $1, $1, $1, $1
}'  >> try.c
echo 'return 0;}' >> try.c
EOSH
cat <<EOSH >> Cppsym.try
flags="$ccflags"
case "$osname-$gccversion" in
irix-) flags="\$flags -woff 1178" ;;
os2-*) flags="\$flags -Zlinker /PM:VIO" ;;
esac
$cc -o try $optimize \$flags $ldflags try.c $libs && $run ./try
EOSH
chmod +x Cppsym.try
$eunicefix Cppsym.try
./Cppsym < Cppsym.know > Cppsym.true
: now check the C compiler for additional symbols
?X: suggested by Jarkko Hietaniemi <jhi@snakemail.hut.fi>, thanks!
postprocess_cc_v="
case "$osname" in
aix) postprocess_cc_v="|$tr , ' '" ;;
esac
$cat >ccsym <<EOS
$startsh
$cat >tmp.c <<EOF
extern int foo;
EOF
for i in \`$cc -v -c tmp.c 2>&1 $postprocess_cc_v\`
do
 case "\$i" in
 -D*) echo "\$i" | $sed 's/^-D//';;
 -A*) $test "$gccversion" && echo "\$i" | $sed 's/^-A//' | $sed 's/\(.*\)(\(.*\))/\1=\2/';;
```

```
 esac
done
$rm
 -f try.c
EOS
postprocess_cc_v="
chmod +x ccsym
$eunicefix ccsym
./ccsym > ccsym1.raw
?X: AIX complains if $uniq is passed an empty file.  ($sort apparently
?X: doesn't care.)  --AD  14 July 1998
if $test -s ccsym1.raw; then
	$sort ccsym1.raw | $uniq >ccsym.raw
else
	mv ccsym1.raw ccsym.raw
fi

?X: canonicalize symbols for easier sort/uniq/comm usage: append =1 if no = sign
?X: the awk script must be on two lines for older awk programs, sigh! -- ADO
$awk '/\=/ { print $0; next }
 { print $0"=1" }' ccsym.raw >ccsym.list
$awk '/\=/ { print $0; next }
 { print $0"=1" }' Cppsym.true >ccsym.true
$comm -13 ccsym.true ccsym.list >ccsym.own
$comm -12 ccsym.true ccsym.list >ccsym.com
$comm -23 ccsym.true ccsym.list >ccsym.cpp
also="
if $test -z ccsym.raw; then
 echo "Your C compiler doesn't seem to define any symbols!" >&4
 echo " "
 echo "However, your C preprocessor defines the following symbols:"
 $cat Cppsym.true
    ccsymbols="
 cppsymbols=`$cat Cppsym.true`
       cppsymbols=`echo
 $cppsymbols`
 cppccsymbols="$cppsymbols"
else
 if $test -s ccsym.com; then
  echo "Your C compiler and pre-processor define these symbols:"
  $sed -e 's/\(..*\)=.*/\1/' ccsym.com
  also='also '
  symbols='ones'
  cppccsymbols=`$cat ccsym.com`
  cppccsymbols=`echo $cppccsymbols`
  $test "$silent" || sleep 1
 fi
 if $test -s ccsym.cpp; then
```

```
  $test "$also" && echo " "
  echo "Your C pre-processor ${also}defines the following symbols:"
  $sed -e 's/\(..*\)=.*/\1/' ccsym.cpp
  also='further '
  cppsymbols=`$cat ccsym.cpp`
  cppsymbols=`echo $cppsymbols`
  $test "$silent" || sleep 1
 fi
 if $test -s ccsym.own; then
  $test "$also" && echo " "
  echo "Your C compiler ${also}defines the following cpp symbols:"
  $sed -e 's/\(..*\)=1/\1/' ccsym.own
  $sed -e 's/\(..*\)=.*/\1/' ccsym.own | $uniq >>Cppsym.true
        ccsymbols=`$cat ccsym.own`
        ccsymbols=`echo $ccsymbols`
  $test "$silent" || sleep 1
 fi
fi
$rm -f Cppsym.know Cppsym.true
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Cppsym.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: You may redistribute only under the terms of the Artistic License,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_strerror.U,v $
?RCS: Revision 3.0.1.3  1994/05/13  15:20:27  ram
?RCS: patch27: now uses new macro support for cleaner Strerror def
?RCS:
?RCS: Revision 3.0.1.2  1994/05/06  14:58:26  ram
?RCS: patch23: renamed strerror into Strerror to protect name space (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/01/24  14:08:56  ram
?RCS: patch16: protected code looking for sys_errnolist[] with @if
?RCS: patch16: added default value for d_sysernlst
?RCS:
?RCS: Revision 3.0  1993/08/18  12:07:35  ram
?RCS: Baseline
```

```
 for dist 3.0 netwide release.
?RCS:
?MAKE:d_strerror d_syserrlst d_sysernlst d_strerrm: contains Csym Findhdr
?MAKE: -pick add $@ %<
?S:d_strerror:
?S: This variable conditionally defines HAS_STRERROR if strerror() is
?S: available to translate error numbers to strings.
?S:.
?S:d_syserrlst:
?S: This variable conditionally defines HAS_SYS_ERRLIST if sys_errlist[] is
?S: available to translate error numbers to strings.
?S:.
?S:d_sysernlst:
?S: This variable conditionally defines HAS_SYS_ERRNOLIST if sys_errnolist[]
?S: is available to translate error numbers to the symbolic name.
?S:.
?S:d_strerrm:
?S: This variable holds what Strerrr is defined as to translate an error
?S: code condition into an error message string. It could be 'strerror'
?S: or a more complex macro emulating strrror with sys_errlist[], or the
?S: "unknown" string when both strerror and sys_errlist are missing.
?S:.
?C:HAS_STRERROR (STRERROR):
?C: This symbol, if defined, indicates that the strerror routine is
?C: available
 to translate error numbers to strings. See the writeup
?C: of Strerror() in this file before you try to define your own.
?C:.
?C:HAS_SYS_ERRLIST (SYSERRLIST):
?C: This symbol, if defined, indicates that the sys_errlist array is
?C: available to translate error numbers to strings. The extern int
?C: sys_nerr gives the size of that table.
?C:.
?C:HAS_SYS_ERRNOLIST (SYSERRNOLIST):
?C: This symbol, if defined, indicates that the sys_errnolist array is
?C: available to translate an errno code into its symbolic name (e.g.
?C: ENOENT). The extern int sys_nerrno gives the size of that table.
?C:.
?C:Strerror:
?C: This preprocessor symbol is defined as a macro if strerror() is
?C: not available to translate error numbers to strings but sys_errlist[]
?C: array is there.
?C:.
?H:#$d_strerror HAS_STRERROR  /**/
?H:#$d_syserrlst HAS_SYS_ERRLIST /**/
?H:#$d_sysernlst HAS_SYS_ERRNOLIST /**/
?H:#define Strerror(e) $d_strerrm
?H:.
```

```
?D:d_sysernlst="
?T:xxx val
: see if strerror and/or sys_errlist[]
 exist
echo " "
if set strerror val -f d_strerror; eval $csym; $val; then
 echo 'strerror() found.' >&4
 d_strerror="$define"
 d_strerrm='strerror(e)'
 if set sys_errlist val -a d_syserrlst; eval $csym; $val; then
  echo "(You also have sys_errlist[], so we could roll our own strerror.)"
  d_syserrlst="$define"
 else
 echo "(Since you don't have sys_errlist[], sterror() is welcome.)"
  d_syserrlst="$undef"
 fi
elif xxx=`./findhdr string.h`; test "$xxx" || xxx=`./findhdr strings.h`; \
 $contains '#[  ]*define.*strerror' "$xxx" >/dev/null 2>&1; then
 echo 'strerror() found in string header.' >&4
 d_strerror="$define"
 d_strerrm='strerror(e)'
 if set sys_errlist val -a d_syserrlst; eval $csym; $val; then
  echo "(Most probably, strerror() uses sys_errlist[] for descriptions.)"
  d_syserrlst="$define"
 else
  echo "(You don't appear to have any sys_errlist[], how can this be?)"
  d_syserrlst="$undef"
 fi
elif set sys_errlist val -a d_syserrlst; eval $csym; $val; then
echo "strerror()
 not found, but you have sys_errlist[] so we'll use that." >&4
 d_strerror="$undef"
 d_syserrlst="$define"
 d_strerrm='((e)<0||(e)>=sys_nerr?"unknown":sys_errlist[e])'
else
 echo 'strerror() and sys_errlist[] NOT found.' >&4
 d_strerror="$undef"
 d_syserrlst="$undef"
 d_strerrm='"unknown"'
fi
@if d_sysernlst || HAS_SYS_ERRNOLIST
if set sys_errnolist val -a d_sysernlst; eval $csym; $val; then
 echo "(Symbolic error codes can be fetched via the sys_errnolist[] array.)"
 d_sysernlst="$define"
else
 echo "(However, I can't extract the symbolic error code out of errno.)"
 d_sysernlst="$undef"
fi
```

```
@end

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strerror.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: usedtrace.U,v $
?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: usedtrace.U,v $
?RCS:
?MAKE:usedtrace dtrace: Myread Oldconfig Setvar Getfile test
?MAKE: -pick add $@ %<
?Y:TOP
?S:usedtrace:
?S: This variable indicates whether we are compiling with dtrace
?S: support. See also dtrace.
?S:.
?S:dtrace:
?S: This variable holds the location of the dtrace executable.
?S:.
?C:USE_DTRACE:
?C: This symbol, if defined, indicates that Perl should
?C: be built with support for DTrace.
?C:.
?H:#$usedtrace USE_DTRACE  /**/
?H:.
?T:dflt_dtrace
?LINT:set usedtrace
?LINT:set dtrace
: DTrace support
dflt_dtrace='/usr/sbin/dtrace'
$test -x /usr/bin/dtrace && dflt_dtrace='/usr/bin/dtrace'

cat <<EOM

Perl can be built to support DTrace on platforms that support
 it.
DTrace is a diagnosis and performance analysis tool from Sun.

If this doesn't make any sense to you, just accept the default.
EOM
```

```
while $test 1 ; do
 case "$usedtrace" in
 $define|true|[yY]*)
  dflt='y'
  ;;
 ?*)
  dflt='y'
  dflt_dtrace=$usedtrace
  ;;
 *)
  dflt='n'
  ;;
 esac

 rp='Support DTrace if available?'
 . ./myread
 case "$ans" in
 y|Y) val="$define" ;;
 *)      val="$undef" ;;
 esac
 set usedtrace
 eval $setvar

 test "X$usedtrace" != "X$define" && break

 echo " "
 rp='Where is the dtrace executable?'
 dflt=$dflt_dtrace
 . ./getfile
 val="$ans"
 set dtrace
 eval $setvar

 if $test -f $dtrace
 then
  if $dtrace -h -s ../perldtrace.d \
   -o perldtrace.tmp >/dev/null 2>&1 \
   && rm -f perldtrace.tmp
  then
   echo " "
   echo "Good: your $dtrace knows about the -h flag."
  else
   cat >&2 <<EOM

*** $me:  Fatal Error:  $dtrace doesn't support -h flag
***
*** Your installed dtrace doesn't support the -h switch to compile a D
*** program into a C header. Can't continue.
```

```
EOM
   exit
 1
  fi
  break;
 fi

 case "$fastread" in
 yes)
  cat >&2 <<EOM

*** $me:  Fatal Error:  $dtrace not found.
*** Can't continue.

EOM
  exit 1
  ;;
 *)
  echo "*** $dtrace was not found."
  echo " "
  ;;
 esac
done
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/usedtrace.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: h_fcntl.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: h_fcntl.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:12  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:h_fcntl: Nothing
?MAKE: -pick add $@ %<
?S:h_fcntl:
?S: This is variable gets set in various places to tell i_fcntl that
```

```
?S: <fcntl.h> should be included.
?S:.
: Initialize h_fcntl
h_fcntl=false
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/h_fcntl.U
No license file was found, but licenses were detected in source scan.

```
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_strlcat: Inlibc Hasproto d_gnulibc
?MAKE: -pick add $@ %<
?S:d_strlcat:
?S: This variable conditionally defines the HAS_STRLCAT symbol, which
?S: indicates to the C program that the strlcat () routine is available.
?S:.
?C:HAS_STRLCAT:
?C: This symbol, if defined, indicates that the strlcat () routine is
?C: available to do string concatenation.
?C:.
?H:#$d_strlcat HAS_STRLCAT  /**/
?H:.
?T:d_strlcat_proto xx1 xx2 xx3 xx4
?LINT:set d_strlcat
: see if strlcat exists
: We need both a prototype in string.h and the symbol in libc.
echo " "
d_strlcat_proto=''
xx1="#$d_gnulibc HAS_GNULIBC"
xx2='#if defined(HAS_GNULIBC) && !defined(_GNU_SOURCE)'
xx3='#   define _GNU_SOURCE'
xx4='#endif'
set d_strlcat_proto
 strlcat literal "$xx1" literal "$xx2" literal "$xx3" literal "$xx4" define string.h
eval $hasproto
case "$d_strlcat_proto" in
   define) # see if strlcat exists
 set strlcat d_strlcat
 eval $inlibc
 ;;
   *)  val=$undef
```

```
 set d_strlcat
 eval $setvar
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strlcat.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getservbyport_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_getservbyport_r getservbyport_r_proto: Inlibc Protochk Hasproto \
 i_systypes usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_getservbyport_r:
?S: This variable conditionally defines the HAS_GETSERVBYPORT_R symbol,
?S: which indicates to the C program that the getservbyport_r()
?S: routine is available.
?S:.
?S:getservbyport_r_proto:
?S: This variable encodes the prototype of getservbyport_r.
?S: It is zero if d_getservbyport_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getservbyport_r
?S: is defined.
?S:.
?C:HAS_GETSERVBYPORT_R:
?C: This symbol, if defined, indicates
 that the getservbyport_r routine
?C: is available to getservbyport re-entrantly.
?C:.
?C:GETSERVBYPORT_R_PROTO:
?C: This symbol encodes the prototype of getservbyport_r.
?C: It is zero if d_getservbyport_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getservbyport_r
?C: is defined.
?C:.
?H:#$d_getservbyport_r HAS_GETSERVBYPORT_R /**/
?H:#define GETSERVBYPORT_R_PROTO $getservbyport_r_proto /**/
?H:.
?T:try hdrs d_getservbyport_r_proto
: see if getservbyport_r exists
```

```
set getservbyport_r d_getservbyport_r
eval $inlibc
case "$d_getservbyport_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
 case "$d_getservbyport_r_proto:$usethreads" in
 ":define") d_getservbyport_r_proto=define
  set d_getservbyport_r_proto getservbyport_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_getservbyport_r_proto" in
 define)
 case "$getservbyport_r_proto" in
 "|0) try='int getservbyport_r(int, const char*, struct servent*, char*, size_t,
 struct servent**);'
 ./protochk "$extern_C $try" $hdrs && getservbyport_r_proto=I_ICSBWR ;;
 esac
 case "$getservbyport_r_proto" in
 "|0) try='struct servent* getservbyport_r(int, const char*, struct servent*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getservbyport_r_proto=S_ICSBI ;;
 esac
 case "$getservbyport_r_proto" in
 "|0) try='int getservbyport_r(int, const char*, struct servent*, struct servent_data*);'
 ./protochk "$extern_C $try" $hdrs && getservbyport_r_proto=I_ICSD ;;
 esac
 case "$getservbyport_r_proto" in
 "|0) d_getservbyport_r=undef
  getservbyport_r_proto=0
  echo "Disabling getservbyport_r, cannot determine prototype." >&4 ;;
 * ) case "$getservbyport_r_proto" in
  REENTRANT_PROTO*) ;;
  *) getservbyport_r_proto="REENTRANT_PROTO_$getservbyport_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "getservbyport_r has no prototype, not using it." >&4 ;;
  esac
  d_getservbyport_r=undef
  getservbyport_r_proto=0
  ;;
 esac
 ;;
*) getservbyport_r_proto=0
 ;;
esac
```

Found
 in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getservbyport_r.U
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```
?RCS: $Id$
?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Thomas Neumann <tom@smart.bo.open.de>
?RCS:
?RCS: $Log: Findhdr.U,v $
?RCS: Revision 3.0.1.2  1994/10/29  15:53:08  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0.1.1  1994/05/06  14:03:56  ram
?RCS: patch23: cppminus must be after other cppflags, not before
?RCS:
?RCS: Revision 3.0  1993/08/18  12:04:54  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit produces a findhdr script which is used to locate the header
?X: files
 in $usrinc or other stranger places using cpp capabilities. The
?X: script is given an include file base name, like 'stdio.h' or 'sys/file.h'
?X: and it returns the full path of the include file and a zero status or an
?X: empty string with an error status if the file could not be located.
?X:
?MAKE:Findhdr: grep test tr rm +usrinc awk cat startsh \
 cppstdin cppminus +cppflags eunicefix osname
?MAKE: -pick add $@ %<
?LINT:define fieldn
?S:fieldn:
?S: This variable is used internally by Configure. It contains the position
?S: of the included file name in cpp output. That is to say, when cpp
?S: pre-processes a #include <file> line, it replaces it by a # line which
?S: contains the original position in the input file and the full name of
?S: included file, between "quotes".
?S:.
```

```
?V:fieldn
?F:./findhdr !fieldn
?T:cline pos wanted name awkprg cppfilter testaccess status usrincdir
: determine filename position in cpp output
echo " "
echo "Computing filename position in cpp output for #include
 directives..." >&4
echo '#include <stdio.h>' > foo.c
case "$osname" in
vos)
 testaccess=-e
?X: VOS: path component separator is >
 cppfilter="tr '\\\\>' '/' |"
 ;;
*)
 testaccess=-r
 cppfilter="
 ;;
esac
$cat >fieldn <<EOF
$startsh
$cppstdin $cppflags $cppminus <foo.c 2>/dev/null | \
$grep '^[  ]*#.*stdio\.h' | \
while read cline; do
 pos=1
 set \$cline
 while $test \$# -gt 0; do
  if $test $testaccess \`echo \$1 | $tr -d ""\`; then
   echo "\$pos"
   exit 0
  fi
  shift
  pos=\`expr \$pos + 1\`
 done
done
EOF
chmod +x fieldn
fieldn=`./fieldn`
$rm -f foo.c fieldn
case $fieldn in
") pos='???';;
1) pos=first;;
2) pos=second;;
3) pos=third;;
*) pos="${fieldn}th";;
esac
echo "Your cpp writes the filename in the $pos field of the line."
```

```
?X: To locate a header file, we cannot simply check for $usrinc/file.h, since
?X: some machine have the headers in weird places and our only hope is that
?X: the C pre-processor will know how to find those headers. Thank you NexT!
: locate header file
$cat
 >findhdr <<EOF
$startsh
wanted=\$1
name=''
for usrincdir in $usrinc; do
 if test -f \$usrincdir/\$wanted; then
  echo "\$usrincdir/\$wanted"
  exit 0
 fi
done
awkprg='{ print \$$fieldn }'
echo "#include <\$wanted>" > foo\$\$.c
$cppstdin $cppminus $cppflags < foo\$\$.c 2>/dev/null | \
$cppfilter $grep "^[  ]*#.*\$wanted" | \
while read cline; do
 name=\`echo \$cline | $awk "\$awkprg" | $tr -d '"'\`
 case "\$name" in
 *[/\\\\]\$wanted) echo "\$name"; exit 1;;
 *[\\\\/]\$wanted) echo "\$name"; exit 1;;
 *) exit 2;;
 esac
done
?X: status = 0: grep returned 0 lines, case statement not executed
?X: status = 1: headerfile found
?X: status = 2: while loop executed, no headerfile found
status=\$?
$rm -f foo\$\$.c
if test \$status -eq 1; then
 exit 0
fi
exit 1
EOF
chmod +x findhdr
$eunicefix findhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Findhdr.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: cc.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: cc.U,v $
?RCS: Revision 3.0.1.4  1995/05/12  12:06:47  ram
?RCS: patch54: may now abort Configure when cc does not work
?RCS:
?RCS: Revision 3.0.1.3  1995/01/11  15:20:11  ram
?RCS: patch45: changed gcc checking message to a more explicit one (WED)
?RCS:
?RCS: Revision 3.0.1.2  1994/10/29  16:04:29  ram
?RCS: patch36: detect gcc even when not called as 'gcc' (ADO)
?RCS: patch36: simplified gcc version checking (ADO)
?RCS: patch36: added ?F: line for metalint
 file checking
?RCS:
?RCS: Revision 3.0.1.1  1994/05/06  14:26:06  ram
?RCS: patch23: added support for gcc version (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:30  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:cc: Myread Oldconfig Checkcc test
?MAKE: -pick add $@ %<
?S:cc:
?S: This variable holds the name of a command to execute a C compiler which
?S: can resolve multiple global references that happen to have the same
?S: name.  Usual values are 'cc' and 'gcc'.
?S: Fervent ANSI compilers may be called 'c89'.  AIX has xlc.
?S:.
?F:!cc.cbu
?D:cc='cc'
: Determine the C compiler to be used
echo " "
case "$cc" in
") dflt=cc;;
*) dflt="$cc";;
esac
rp="Use which C compiler?"
. ./myread
cc="$ans"

: See whether they have no cc but they do have gcc
. ./trygcc
```

```
?X: Look for a hint-file generated 'call-back-unit'.  Now that the
?X: user has specified the compiler, we may need to set or change some
?X: other defaults.
if $test -f cc.cbu; then
   . ./cc.cbu
fi
. ./checkcc
```

Found
 in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/cc.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_fp.U,v $
?RCS:
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_fp: Inhdr
?MAKE: -pick add $@ %<
?S:i_fp:
?S: This variable conditionally defines the I_FP symbol, and indicates
?S: whether a C program should include <fp.h>.
?S:.
?C:I_FP:
?C: This symbol, if defined, indicates that <fp.h> exists and
?C: should be included.
?C:.
?H:#$i_fp I_FP  /**/
?H:.
?LINT:set i_fp
: see if this is a fp.h system
set fp.h i_fp
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_fp.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_csh.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  15:32:18  ram
?RCS: patch61: added full_csh to preserve the full path even when portable
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:53  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_csh full_csh: csh Setvar
?MAKE: -pick add $@ %<
?S:d_csh:
?S: This variable conditionally defines the CSH symbol, which
?S: indicates to the C program that the C-shell exists.
?S:.
?S:full_csh:
?S: This variable contains the full pathname to 'csh', whether
 or
?S: not the user has specified 'portability'.  This is only used
?S: in the compiled C program, and we assume that all systems which
?S: can share this executable will have the same full pathname to
?S: 'csh.'
?S:.
?X: Yes, I know about the C symbol PORTABLE, but I think csh
?X: is unlikely to move, and I'm too lazy to add all the
?X: #ifdef PORTABLE sections to the perl source.
?X:
?C:HAS_CSH:
?C: This symbol, if defined, indicates that the C-shell exists.
?C:.
?C:CSH:
?C: This symbol, if defined, contains the full pathname of csh.
?C:.
?X: Previously, I just did $d_csh CSH "$full_csh", but that caused
?X: problems on VMS where the config.sh extraction program changes
?X: $undef to a real cpp undef, and they then had  #undef CSH ""
?X: which the compiler didn't like.  It's easy to work around this,
?X: so I did.  --AD  3/1998.
?X: And we don't want to define CSH if !HAS_CSH, but we don't want
?X: those lines in config.h if they don't need CSH, so protect with ?CSH
?X: and not
 ?%<. --RAM, 15/02/2004
?H:?%<:#$d_csh HAS_CSH  /**/
?H:?CSH:#ifdef HAS_CSH
?H:?CSH:#define CSH "$full_csh" /**/
```

```
?H:?CSH:#endif
?H:.
?LINT:set d_csh
: get csh whereabouts
case "$csh" in
'csh') val="$undef" ;;
*) val="$define" ;;
esac
set d_csh
eval $setvar
: Respect a hint or command line value for full_csh.
case "$full_csh" in
") full_csh=$csh ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_csh.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_pwd.U,v $
?RCS: Revision 3.0.1.2  1995/07/25  14:10:57  ram
?RCS: patch56: use setvar so hint file values can override our guesses (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/05/06  15:03:27  ram
?RCS: patch23: had forgotten cppminus in cppstdin test (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:08:25  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit checks whether there is a pwd system or not
?X:
?MAKE:i_pwd d_pwquota d_pwage d_pwchange d_pwclass d_pwexpire d_pwcomment:
 \
 contains rm cppstdin cppflags cppminus Inhdr Findhdr Setvar
?MAKE: -pick add $@ %<
?S:i_pwd:
```

```
?S: This variable conditionally defines I_PWD, which indicates
?S: to the C program that it should include <pwd.h>.
?S:.
?S:d_pwquota:
?S: This varaible conditionally defines PWQUOTA, which indicates
?S: that struct passwd contains pw_quota.
?S:.
?S:d_pwage:
?S: This varaible conditionally defines PWAGE, which indicates
?S: that struct passwd contains pw_age.
?S:.
?S:d_pwchange:
?S: This varaible conditionally defines PWCHANGE, which indicates
?S: that struct passwd contains pw_change.
?S:.
?S:d_pwclass:
?S: This varaible conditionally defines PWCLASS, which indicates
?S: that struct passwd contains pw_class.
?S:.
?S:d_pwexpire:
?S: This varaible conditionally defines PWEXPIRE, which indicates
?S: that struct passwd contains pw_expire.
?S:.
?S:d_pwcomment:
?S: This varaible conditionally defines PWCOMMENT, which indicates
?S: that struct passwd contains pw_comment.
?S:.
?C:I_PWD:
?C: This symbol,
 if defined, indicates to the C program that it should
?C: include <pwd.h>.
?C:.
?C:PWQUOTA:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_quota.
?C:.
?C:PWAGE:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_age.
?C:.
?C:PWCHANGE:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_change.
?C:.
?C:PWCLASS:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_class.
?C:.
```

```
?C:PWEXPIRE:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_expire.
?C:.
?C:PWCOMMENT:
?C: This symbol, if defined, indicates to the C program that struct passwd
?C: contains pw_comment.
?C:.
?H:#$i_pwd I_PWD  /**/
?H:#$d_pwquota PWQUOTA /**/
?H:#$d_pwage PWAGE /**/
?H:#$d_pwchange PWCHANGE /**/
?H:#$d_pwclass PWCLASS /**/
?H:#$d_pwexpire PWEXPIRE /**/
?H:#$d_pwcomment PWCOMMENT /**/
?H:.
?LINT: set i_pwd d_pwquota
 d_pwage d_pwchange d_pwclass d_pwexpire d_pwcomment
?T:xxx
: see if this is a pwd.h system
set pwd.h i_pwd
eval $inhdr

case "$i_pwd" in
$define)
 xxx=`./findhdr pwd.h`
 $cppstdin $cppflags $cppminus < $xxx >$$.h

 if $contains 'pw_quota' $$.h >/dev/null 2>&1; then
  val="$define"
 else
  val="$undef"
 fi
 set d_pwquota
 eval $setvar

 if $contains 'pw_age' $$.h >/dev/null 2>&1; then
  val="$define"
 else
  val="$undef"
 fi
 set d_pwage
 eval $setvar

 if $contains 'pw_change' $$.h >/dev/null 2>&1; then
  val="$define"
 else
  val="$undef"
```

```
 fi
 set d_pwchange
 eval $setvar

 if $contains 'pw_class' $$.h >/dev/null 2>&1; then
  val="$define"
 else
  val="$undef"
 fi
 set d_pwclass
 eval $setvar

 if $contains 'pw_expire' $$.h >/dev/null 2>&1; then
  val="$define"
 else
  val="$undef"
 fi
 set d_pwexpire
 eval $setvar

 if $contains 'pw_comment' $$.h >/dev/null 2>&1; then
  val="$define"
 else
  val="$undef"
 fi
 set d_pwcomment
 eval $setvar

 $rm -f $$.h
 ;;
*)
 val="$undef";
 set
 d_pwquota; eval $setvar
 set d_pwage; eval $setvar
 set d_pwchange; eval $setvar
 set d_pwclass; eval $setvar
 set d_pwexpire; eval $setvar
 set d_pwcomment; eval $setvar
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_pwd.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id: d_locconv.U 1 2006-08-24 12:32:52Z rmanfredi $

```
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_locconv.U,v $
?RCS: Revision 3.0.1.1  1994/10/29  16:14:11  ram
?RCS: patch36: created by ADO
?RCS:
?MAKE:d_locconv: Inlibc
?MAKE: -pick add $@ %<
?S:d_locconv:
?S: This variable conditionally defines HAS_LOCALECONV if localeconv() is
?S: available for numeric and monetary formatting conventions.
?S:.
?C:HAS_LOCALECONV:
?C: This symbol, if defined, indicates that the localeconv
 routine is
?C: available for numeric and monetary formatting conventions.
?C:.
?H:#$d_locconv HAS_LOCALECONV /**/
?H:.
?LINT:set d_locconv
: see if localeconv exists
set localeconv d_locconv
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_locconv.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
```

```
?RCS: $Log: d_fd_set.U,v $
?RCS: Revision 3.0.1.3  1997/02/28  15:33:16  ram
?RCS: patch61: added ?F: metalint hint
?RCS:
?RCS: Revision 3.0.1.2  1994/06/20  06:57:23  ram
?RCS: patch30: extended scope for fd_set checks (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/01/24  14:06:27  ram
?RCS: patch16: comments for HAS_FD_* symbols were not consistent
?RCS:
?RCS: Revision 3.0  1993/08/18  12:06:02  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_fd_set d_fd_macros d_fds_bits: cat +cc +ccflags rm Oldconfig
 \
 d_socket i_systime i_sysselct i_syssock
?MAKE: -pick add $@ %<
?S:d_fd_set:
?S: This variable contains the eventual value of the HAS_FD_SET symbol,
?S: which indicates if your C compiler knows about the fd_set typedef.
?S:.
?S:d_fd_macros:
?S: This variable contains the eventual value of the HAS_FD_MACROS symbol,
?S: which indicates if your C compiler knows about the macros which
?S: manipulate an fd_set.
?S:.
?S:d_fds_bits:
?S: This variable contains the eventual value of the HAS_FDS_BITS symbol,
?S: which indicates if your fd_set typedef contains the fds_bits member.
?S: If you have an fd_set typedef, but the dweebs who installed it did
?S: a half-fast job and neglected to provide the macros to manipulate
?S: an fd_set, HAS_FDS_BITS will let us know how to fix the gaffe.
?S:.
?C:HAS_FD_SET:
?C: This symbol, when defined, indicates presence of the fd_set typedef
?C: in <sys/types.h>
?C:.
?C:HAS_FD_MACROS:
?C: This symbol, when defined,  indicates presence of the macros used
 to
?C: manipulate an fd_set.
?C:.
?C:HAS_FDS_BITS:
?C: This symbol, when defined, indicates presence of the fds_bits member in
?C: fd_set.  This knowledge is useful if fd_set is available but the macros
?C: aren't.
?C:.
?H:#$d_fd_set HAS_FD_SET /**/
```

```
?H:#$d_fd_macros HAS_FD_MACROS /**/
?H:#$d_fds_bits HAS_FDS_BITS /**/
?H:.
?F:!fd_set
: check for fd_set items
$cat <<EOM

Checking to see how well your C compiler handles fd_set and friends ...
EOM
?X: The FD_SET macros can be in strange places.  On some SysV-based
?X: systems, they are in <sys/bsdtypes.h>, which is included (perhaps)
?X: by <sys/socket.h>.  We won't force people to include
?X: <sys/bsdtypes.h> because it might introduce other
?X: incompatibilities.
$cat >fd_set.c <<EOCP
#$i_systime I_SYS_TIME
#$i_sysselct I_SYS_SELECT
#$d_socket HAS_SOCKET
#$i_syssock I_SYS_SOCKET
#include <sys/types.h>
#ifdef HAS_SOCKET
#ifdef I_SYS_SOCKET
#include <sys/socket.h> /* Might include <sys/bsdtypes.h> */
#endif
#endif
#ifdef I_SYS_TIME
#include
 <sys/time.h>
#endif
#ifdef I_SYS_SELECT
#include <sys/select.h>
#endif
int main() {
 fd_set fds;

#ifdef TRYBITS
 if(fds.fds_bits);
#endif

#if defined(FD_SET) && defined(FD_CLR) && defined(FD_ISSET) && defined(FD_ZERO)
 exit(0);
#else
 exit(1);
#endif
}
EOCP
if $cc $ccflags -DTRYBITS -o fd_set fd_set.c >fd_set.out 2>&1 ; then
 d_fds_bits="$define"
```

```
 d_fd_set="$define"
 echo "Well, your system knows about the normal fd_set typedef..." >&4
 if ./fd_set; then
  echo "and you have the normal fd_set macros (just as I'd expect)." >&4
  d_fd_macros="$define"
 else
  $cat >&4 <<'EOM'
but not the normal fd_set macros!  Gaaack!  I'll have to cover for you.
EOM
  d_fd_macros="$undef"
 fi
else
 $cat <<'EOM'
Hmm, your compiler has some difficulty with fd_set.  Checking further...
EOM
 if $cc $ccflags -o fd_set fd_set.c >fd_set.out 2>&1 ; then
  d_fds_bits="$undef"
  d_fd_set="$define"
  echo "Well, your system has some sort of fd_set available..." >&4
  if ./fd_set; then
   echo "and you have the
 normal fd_set macros." >&4
   d_fd_macros="$define"
  else
   $cat <<'EOM'
but not the normal fd_set macros!  Gross!  More work for me...
EOM
   d_fd_macros="$undef"
  fi
 else
 echo "Well, you got zip.  That's OK, I can roll my own fd_set stuff." >&4
  d_fd_set="$undef"
  d_fds_bits="$undef"
  d_fd_macros="$undef"
 fi
fi
$rm -f fd_set*
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_fd_set.U
No license file was found, but licenses were detected in source scan.

Perl5 Metaconfig Units

Copyright (c) 1996-1998, Andy Dougherty
Copyright (c) 1999-2011, H.Merijn Brand
All rights reserved.

These units are the ones I used to build Configure and config_h.SH
in the Perl5 distribution.

The Configure script and config_h.SH file in the Perl distribution are
generated by a program called metaconfig. To run metaconfig, you will
need the full dist 3.0 distribution, maintained by Raphael Manfredi.
As of this writing, the current version is dist3.0, patchlevel 70.
Dist version dist-3.0@70.tar.gz is available on CPAN (the Comprehensive
Perl Archive Network) as
<http://www.perl.com/perl/CPAN/authors/id/RAM/dist-3.0@70.tar.gz>.

Instructions:

1. Unpack the full perl5 sources. Execute the following command

 chmod +w Configure config_h.SH Porting/Glossary Porting/config*

2. Unpack the archive containing this file in the perl5 source
   directory. This will create a directory
 'U' under the perl5
   sources. That directory will contain the metaconfig units for perl5.
   This will also create two files in the perl5 source tree:
   MANIFEST.new and .package.

3. Apply any patches to perl in the perl_patches/ directory.
   (This may well be empty.)

4. Obtain and install dist-3.0pl70.

4. Apply any patches to dist under the dist_patches subdirectory.

5. From your main perl5 source directory, run packinit to
   regenerate the .package file. IMPORTANT: Change the name and
   address of the maintainer to your own name and address. I don't
   want bug reports intended for you coming to me.

6. From your main perl5 source directory, run

 metalint (or mlint)

   and repair every failure it reports.

7. From your main perl5 source directory, run

 metaconfig -m (or mconfig -m)

8. Edit U/mkglossary and/or U/mkgloss.pl to point to your dist-3.0pl70

location. (See comments at the top.)

9. Run the Porting/mksample script to update the contents
 of the Porting/
subdirectory, or run all parts by hand. (see README)

NB: this script used to be U/mksample replaced by Porting/mksample;
see Porting/pumpkin.pod instead for current documentation on its
use.

10. Let me know about any changes, corrections, or enhancements.

Things to watch out for:

1. The Configure in 5.005 is a hand-patched version of that supplied
with perl5.004_74 or so. Most of the patches had to do with
supporting MPE/iX and EBCDIC systems. I have re-integrated most
of the changes back into metaconfig, but I don't really undertand
why MPE/iX needed some of the patches, so I may have missed
something important. I did try to flag questionable changes in
the individual units.
The Configure as generated in the 5.9.x branch leading towards
5.10, is also used exactly as is without changes in the 5.8.x
and 5.6.x branches, so do not remove support for features that
are availabvle in those branches, but are
removed from devel (e.g.
perl5005threads).

2. Future support of better random number generators should probably
start with the randfunc.U unit included here. It's currently
broken, but well commented and probably a good place to start.

Descriptions:

The units and other related files have been broken up into the following
directories:

acl/
This is an old patch to begin to detect and use ACL (access
control list) file protection schemes.

compline/
These are similar to the standard units, but I have modified them
to have a more uniform compile command line, usually using the new
Compile.U unit. I have submitted these for inclusion into the
regular dist distribution. (The ccflags.U unit is actually
perl-specific since it mentions -DDEBUGGING and -DPOSIX_SOURCE,
but that's the only place it is perl-specific.)

dist_patches/
These are patches to dist that must be applied before it is built and installed. I have submitted these for inclusion in the regular dist distribution.

modified/
These are modified versions of the standard units. Also included in this directory are new units that are clearly derived from existing units. I have submitted these for inclusion in the regular dist distribution.

perl/
These are specific to perl. Some are heavily derived from original dist units, and are marked as such. Others are original.

perl_patches/
These are patches to the perl source. This directory should ordinarily be empty, but there may have been drift between the standard version of perl and the one associated with these units.

protos/
These are units modified to use the new Hasproto.U or Protochk.U units to check for prototypes. I have submitted these for inclusion into the regular dist distribution.

target/
This is the very, very beginning of cross-compiler support. It doesn't work yet, and many standard units will need modification.

typedefs/
These are standard units modified to use the modified Typedef.U unit to check for typedefs. (The modified Typdef.U includes a function to avoid unnecessary prompts if the typdef being searched for exists.) I have submitted these for inclusion into the regular dist distribution.

threads/
These are specific to threading perl.

Copyright Information:

Unless otherwise indicated, the files contained in this distribution are:

Copyright (c) 1996-1998, Andy Dougherty

The following licensing terms apply to all files contained in
this distribution:

You may distribute the files contained in this distribution
under the terms of either

a) the "Artistic License" which comes with Perl, or

b) the "Artistic License" which comes with dist, or

c) the GNU General Public License as published by the Free
Software Foundation; either version 1, or (at your option) any
later version (see the file "Copying" that comes with the
Perl distribution).

Which
one to use is your choice.

The units in the "modified" directory have been derived from units
associated with the metaconfig program of Raphael Manfredi's "dist"
distribution. These units list Raphael Manfredi as the Copyright holder.
dist is distributed under a modified version of the Perl Artistic License.
Clause 7 of this modified license as contained in dist-3.0-pl60 provides:

7. You may reuse parts of this Package in your own programs, provided
that you explicitly state where you got them from, in the source code
(and, left to your courtesy, in the documentation), duplicating
all the associated copyright notices and disclaimers. Besides
your changes, if any, must be clearly marked as such. Parts reused
that way will no longer fall under this license if, and only if,
the name of your program(s) have no immediate connection with the
name of the Package itself or its associated programs. You may then
apply whatever restrictions you
wish on the reused parts or choose
to place them in the Public Domain--this will apply only within the
context of your package.

In accordance with this clause, the versions of these units
contained here are made available under the same terms as the
rest of the units.

If you have any questions about the use of these units or about
the differences between these units and the standard versions, please
feel free to ask.

Andy Dougherty doughera@lafayette.edu

Dept. of Physics
Lafayette College
Easton, PA 18042-1782

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/README.dist
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_strerror_l: Inlibc
?MAKE: -pick add $@ %<
?S:d_strerror_l:
?S: This variable conditionally defines the HAS_STRERROR_L symbol, which
?S: indicates to the C program that the strerror_l() routine is available
?S: to return the error message for a given errno value in a particular
?S: locale (identified by a locale_t object).
?S:.
?C:HAS_STRERROR_L:
?C: This symbol, if defined, indicates that the strerror_l routine is
?C: available to return the error message for a given errno value in
?C: a particular locale (identified by a locale_t object).
?C:.
?H:#$d_strerror_l HAS_STRERROR_L  /**/
?H:.
?LINT:set d_strerror_l
: see if strerror_l exists
set strerror_l d_strerror_l
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strerror_l.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_rusage.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_rusage.U,v $
```

```
?RCS: Revision 3.0  1993/08/18  12:06:57  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X: We may need to include <sys/resource.h> and <sys/time.h> FIXME
?X:INC: i_sysresrc i_systime
?MAKE:d_rusage: Inlibc
?MAKE: -pick add $@ %<
?S:d_rusage (d_getrusg):
?S: This variable conditionally defines the HAS_GETRUSAGE symbol, which
?S: indicates that the getrusage() routine exists.  The getrusage() routine
?S: supports sub-second accuracy
 for process cpu accounting. You may need
?S: to include <sys/resource.h> and <sys/time.h>.
?S:.
?C:HAS_GETRUSAGE (RUSAGE GETRUSAGE):
?C: This symbol, if defined, indicates that the getrusage() routine is
?C: available to get process statistics with a sub-second accuracy.
?C: Inclusion of <sys/resource.h> and <sys/time.h> may be necessary.
?C:.
?H:#$d_rusage HAS_GETRUSAGE  /**/
?H:.
?LINT:set d_rusage
: see if getrusage exists
set getrusage d_rusage
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_rusage.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:usefaststdio: Myread Oldconfig Setvar rsrc
?MAKE: -pick add $@ %<
?Y:TOP
?S:usefaststdio:
?S: This variable conditionally defines the USE_FAST_STDIO symbol,
?S: and indicates that Perl should be built to use 'fast stdio'.
?S: Defaults to define in Perls 5.8 and earlier, to undef later.
?S:.
?C:USE_FAST_STDIO:
?C: This symbol, if defined, indicates that Perl should
```

```
?C: be built to use 'fast stdio'.
?C: Defaults to define in Perls 5.8 and earlier, to undef later.
?C:.
?H:?%<:#ifndef USE_FAST_STDIO
?H:?%<:#$usefaststdio USE_FAST_STDIO  /**/
?H:?%<:#endif
?H:.
?T:xversion
?LINT:set usefaststdio
: Check if faststdio is requested and available
case "$usefaststdio" in
$define|true|[yY]*|")
 xversion=`awk
 '/define[  ]+PERL_VERSION/ {print $3}' $rsrc/patchlevel.h`
 case "$xversion" in
 [68]) dflt='y' ;;
 *) dflt='n' ;;
 esac
 ;;
*) dflt='n';;
esac
cat <<EOM

Perl can be built to use 'fast stdio', which means using the stdio
library but also directly manipulating the stdio buffers to enable
faster I/O.  Using stdio is better for backward compatibility (especially
for Perl extensions), but on the other hand since Perl 5.8 the 'perlio'
interface has been preferred instead of stdio.

If this doesn't make any sense to you, just accept the default '$dflt'.
EOM
rp='Use the "fast stdio" if available?'
. ./myread
case "$ans" in
y|Y) val="$define" ;;
*)      val="$undef" ;;
esac
set usefaststdio
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/usefaststdio.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_setpgrp.U,v $
?RCS: Revision 3.0.1.3  1997/02/28  15:44:16  ram
?RCS: patch61: obsoleted USE_BSDGRP in favor of USE_BSD_SETPGRP
?RCS: patch61: another unit now also defines a USE_BSD_GETPGRP
?RCS: patch61: fallback for test program failure improved
?RCS:
?RCS: Revision 3.0.1.2  1995/07/25  13:59:30  ram
?RCS: patch56: re-arranged compile line to include ldflags before objects
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  16:15:37  ram
?RCS: patch36: added 'ldflags' to the test compile line (ADO)
?RCS:
 patch36: call ./usg explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0  1993/08/18  12:07:09  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setpgrp d_bsdsetpgrp: cat rm +cc +libs +ccflags \
 +ldflags Inlibc Guess Setvar i_unistd
?MAKE: -pick add $@ %<
?S:d_setpgrp:
?S: This variable conditionally defines HAS_SETPGRP if setpgrp() is
?S: available to set the current process group.
?S:.
?S:d_bsdsetpgrp (d_bsdpgrp):
?S: This variable conditionally defines USE_BSD_SETPGRP if
?S: setpgrp needs two arguments whereas USG one needs none.
?S: See also d_setpgid for a POSIX interface.
?S:.
?C:HAS_SETPGRP (SETPGRP):
?C: This symbol, if defined, indicates that the setpgrp routine is
?C: available to set the current process group.
?C:.
?C:USE_BSD_SETPGRP (USE_BSDPGRP BSDPGRP):
?C: This symbol, if defined, indicates that setpgrp needs two
?C: arguments whereas USG one needs none.  See also HAS_SETPGID
?C: for a POSIX interface.
?C:.
?H:#$d_setpgrp HAS_SETPGRP  /**/
?H:#$d_bsdsetpgrp
```

```
 USE_BSD_SETPGRP /**/
?H:.
?F:!set.c !set
?T:xxx
?LINT:set d_setpgrp d_bsdsetpgrp
: see if setpgrp exists
set setpgrp d_setpgrp
eval $inlibc

@if USE_BSD_SETPGRP || d_bsdsetpgrp
case "$d_setpgrp" in
"$define")
 echo " "
 echo "Checking to see which flavor of setpgrp is in use..."
 $cat >set.c <<EOP
#$i_unistd I_UNISTD
#include <sys/types.h>
#ifdef I_UNISTD
#  include <unistd.h>
#endif
int main()
{
 if (getuid() == 0) {
  printf("(I see you are running Configure as super-user...)\n");
  setuid(1);
 }
#ifdef TRY_BSD_PGRP
 if (-1 == setpgrp(1, 1))
  exit(0);
#else
 if (setpgrp() != -1)
  exit(0);
#endif
 exit(1);
}
EOP
 if $cc -DTRY_BSD_PGRP $ccflags $ldflags -o set set.c $libs >/dev/null 2>&1 && ./set; then
  echo 'You have to use setpgrp(pid,pgrp) instead of setpgrp().' >&4
  val="$define"
 elif $cc $ccflags $ldflags -o set set.c $libs >/dev/null 2>&1 && ./set; then
  echo 'You have to use setpgrp() instead of setpgrp(pid,pgrp).' >&4
  val="$undef"
 else
  echo "(I can't
 seem to compile and run the test program.)"
  if ./usg; then
   xxx="a USG one, i.e. you use setpgrp()."
  else
```

```
  # SVR4 systems can appear rather BSD-ish.
  case "$i_unistd" in
  $undef)
   xxx="a BSD one, i.e. you use setpgrp(pid,pgrp)."
   val="$define"
   ;;
  $define)
   xxx="probably a USG one, i.e. you use setpgrp()."
   val="$undef"
   ;;
  esac
 fi
 echo "Assuming your setpgrp is $xxx" >&4
fi
;;
*) val="$undef";;
esac
set d_bsdsetpgrp
eval $setvar
$rm -f set set.c
@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setpgrp.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1996, Cygnus Support
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Tom Tromey <tromey@cygnus.com>
?RCS:
?RCS: $Log: src.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  16:23:54  ram
?RCS: patch61: created
?RCS:
?MAKE:src +rsrc: Options package contains
?MAKE: -pick add $@ %<
?Y:TOP
?S:src (srcdir):
```

```
?S: This variable holds the (possibly relative) path of the package source.
?S: It is up to the Makefile to use this variable and set VPATH accordingly
?S: to find the sources remotely.  Use $pkgsrc to have an absolute path.
?S:.
?S:rsrc
 (relsrcdir):
?S: This variable holds a potentially relative path to the package
?S: source.  The contents are correct for the configuration environment,
?S: i.e. there might be an extra .. prepended to get out of the UU dir.
?S: Configure units should use this, not the src variable.
?S:.
: Find the path to the source tree
case "$src" in
") case "$0" in
   */*) src=`echo $0 | sed -e 's%/[^/][^/]*$%%'`
        case "$src" in
  /*) ;;
  .) ;;
        *) src=`cd ../$src && pwd` ;;
  esac
        ;;
   *)   src='.';;
   esac;;
esac
case "$src" in
") src=/
 rsrc=/
 ;;
/*) rsrc="$src";;
*) rsrc="../$src";;
esac
?X:
?X: Now check whether we have found the right source tree (i.e. the one for the
?X: package we're about to configure). The original unit from Tom Tromey forced
?X: the user to pick a unique file from his distribution, and we were merely
?X: checking the existence of that file. I prefer to rely on Configure (which
?X: we know *is* present since this unit is
 part of it!) and look for the
?X: definition of the package variable, making sure it's the same as ours.
?X: If it matches, we know we found the right source tree. -- RAM, 15/03/96
?X:
if test -f $rsrc/Configure && \
 $contains "^package='$package'\$" $rsrc/Configure >/dev/null 2>&1
then
  : found it, so we are ok.
else
?X: Otherwise try "." and up to 4 parent directories...
?X: Note that we prepend a ".." to get out of the configuration environment.
```

```
 rsrc="
 for src in . .. ../.. ../../.. ../../../..; do
  if test -f ../$src/Configure && \
   $contains "^package=$package$" ../$src/Configure >/dev/null 2>&1
  then
   rsrc=../$src
   break
  fi
 done
fi
case "$rsrc" in
")
 cat <<EOM >&4

Sorry, I can't seem to locate the source dir for $package.  Please start
Configure with an explicit path -- i.e. /some/path/Configure.

EOM
 exit 1
 ;;
?X: Don't echo anything if the sources are in . -- they should know already ;-)
?X: In that case, rsrc is ../. since we lookup from within UU
../.) rsrc='..';;
*)
 echo
 " "
 echo "Sources for $package found in \"$src\"." >&4
 ;;
esac

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/src.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id$
?RCS:
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?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_madvise: Inlibc
?MAKE: -pick add $@ %<
?S:d_madvise:
```

```
?S: This variable conditionally defines HAS_MADVISE if madvise() is
?S: available to map a file into memory.
?S:.
?C:HAS_MADVISE:
?C: This symbol, if defined, indicates that the madvise system call is
?C: available to map a file into memory.
?C:.
?H:#$d_madvise HAS_MADVISE  /**/
?H:.
?LINT:set d_madvise
: see if madvise exists
set madvise d_madvise
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_madvise.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: bin.U,v $
?RCS: Revision 3.0.1.4  1995/09/25  09:15:32  ram
?RCS: patch59: unit is now forced to the top of Configure, if possible
?RCS:
?RCS: Revision 3.0.1.3  1995/01/30  14:32:40  ram
?RCS: patch49: can now handle installation prefix changes (from WED)
?RCS:
?RCS: Revision 3.0.1.2  1994/08/29  16:05:28  ram
?RCS: patch32: now uses installation prefix
?RCS:
?RCS: Revision 3.0.1.1  1993/09/13  15:56:51  ram
?RCS: patch10: made prompting more explicit (WAD)
?RCS:
?RCS: Revision 3.0  1993/08/18
  12:05:26  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:bin binexp installbin: Prefixit Getfile Oldconfig afs cat test
?MAKE: -pick add $@ %<
```

```
?Y:TOP
?S:bin:
?S: This variable holds the name of the directory in which the user wants
?S: to put publicly executable images for the package in question.  It
?S: is most often a local directory such as /usr/local/bin. Programs using
?S: this variable must be prepared to deal with ~name substitution.
?S:.
?S:binexp:
?S: This is the same as the bin variable, but is filename expanded at
?S: configuration time, for use in your makefiles.
?S:.
?S:installbin:
?S: This variable is the same as binexp unless AFS is running in which case
?S: the user is explicitly prompted for it. This variable should always
?S: be used in your makefiles for maximum portability.
?S:.
?C:BIN:
?C: This symbol holds the path of the bin directory where the package will
?C: be installed. Program must be prepared to deal with ~name substitution.
?C:.
?C:BIN_EXP:
?C: This
 symbol is the filename expanded version of the BIN symbol, for
?C: programs that do not want to deal with that at run-time.
?C:.
?H:#define BIN "$bin" /**/
?H:#define BIN_EXP "$binexp" /**/
?H:.
?D:bin='/usr/local/bin'
: determine where public executables go
echo " "
set dflt bin bin
eval $prefixit
fn=d~
rp='Pathname where the public executables will reside?'
. ./getfile
if $test "X$ansexp" != "X$binexp"; then
 installbin=''
fi
bin="$ans"
binexp="$ansexp"
if $afs; then
 $cat <<EOM

Since you are running AFS, I need to distinguish the directory in which
executables reside from the directory in which they are installed (and from
which they are presumably copied to the former directory by occult means).
```

```
EOM
 case "$installbin" in
 ") dflt=`echo $binexp | sed 's#^/afs/#/afs/.#'`;;
 *) dflt="$installbin";;
 esac
 fn=de~
 rp='Where will public executables be installed?'
 . ./getfile
 installbin="$ans"
else
 installbin="$binexp"
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/bin.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_lchown.U,v 3.0.1.1 1994/08/29 16:07:14 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_lchown.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:07:14  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_lchown: Compile Setvar cat echo
?MAKE: -pick add $@ %<
?S:d_lchown:
?S: This variable conditionally defines the HAS_LCHOWN symbol, which
?S: indicates to the C program that the lchown() routine is available
?S: to operate on a symbolic link (instead of following the link).
?S:.
?C:HAS_LCHOWN
 :
?C: This symbol, if defined, indicates that the lchown routine is
?C: available to operate on a symbolic link (instead of following the
?C: link).
?C:.
?H:#$d_lchown HAS_LCHOWN  /**/
```

```
?H:.
?LINT:set d_lchown
: see if lchown exists
echo " "
?X: Some functions (such as lchown()) are present in libc, but are
?X: unimplemented.  That is, they always fail and set errno=ENOSYS.
?X:
?X: Thomas Bushnell provided the following sample code and the explanation
?X: that follows.
?X:
?X: The choice of <assert.h> is essentially arbitrary.  The GNU libc
?X: macros are found in <gnu/stubs.h>.  You can include that file instead
?X: of <assert.h> (which itself includes <gnu/stubs.h>) if you test for
?X: its existence first.  <assert.h> is assumed to exist on every system,
?X: which is why it's used here.  Any GNU libc header file will include
?X: the stubs macros.  If either __stub_NAME or __stub___NAME is defined,
?X: then the function doesn't actually exist.  Tests using <assert.h>
 work
?X: on every system around.
?X:
?X: The declaration of FOO is there to override builtin prototypes for
?X: ANSI C functions.
?X:
?X:  I really ought to enhance the inlibc test to check for this, but
?X:  I don't have time now.  --A.D.  5/1998
?X:
$cat > try.c <<'EOCP'
/* System header to define __stub macros and hopefully few prototypes,
   which can conflict with char lchown(); below.  */
#include <assert.h>
/* Override any gcc2 internal prototype to avoid an error.  */
/* We use char because int might match the return type of a gcc2
  builtin and then its argument prototype would still apply.  */
char lchown();
int main() {
   /*  The GNU C library defines this for functions which it implements
       to always fail with ENOSYS.  Some functions are actually named
 something starting with __ and the normal name is an alias.  */
#if defined (__stub_lchown) || defined (__stub___lchown)
choke me
#else
lchown();
#endif
; return 0; }
EOCP
set try
if eval $compile; then
   $echo
```

```
 "lchown() found." >&4
   val="$define"
else
   $echo "lchown() NOT found." >&4
   val="$undef"
fi
set d_lchown
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/d_lchown.U
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```
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?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_copysign: Inlibc
?MAKE: -pick add $@ %<
?S:d_copysign:
?S: This variable conditionally defines the HAS_COPYSIGN symbol, which
?S: indicates to the C program that the copysign() routine is available.
?S:.
?C:HAS_COPYSIGN:
?C: This symbol, if defined, indicates that the copysign routine is
?C: available to do the copysign function.
?C:.
?H:#$d_copysign HAS_COPYSIGN  /**/
?H:.
?LINT:set d_copysign
: see if copysign exists
set copysign d_copysign
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_copysign.U
No license file was found, but licenses were detected in source scan.

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```

```
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: archlib.U,v $
?RCS: Revision 3.0.1.5  1997/02/28  15:23:38  ram
?RCS: patch61: skip existence checks for archlib
?RCS:
?RCS: Revision 3.0.1.4  1995/09/25  09:15:18  ram
?RCS: patch59: unit is now forced to the top of Configure, if possible
?RCS:
?RCS: Revision 3.0.1.3  1995/02/15  14:14:14  ram
?RCS: patch51: architecture name is now computed by a separate unit
?RCS:
?RCS: Revision 3.0.1.2  1995/01/30  14:32:22  ram
?RCS:
 patch49: archname is now systematically recomputed
?RCS: patch49: can now handle installation prefix changes (from WED)
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  16:02:36  ram
?RCS: patch36: created by ADO
?RCS:
?MAKE:d_archlib archlib archlibexp installarchlib: archname afs spackage \
 cat Getfile Loc Oldconfig prefixexp privlib test Prefixit Prefixup
?MAKE: -pick add $@ %<
?Y:TOP
?S:d_archlib:
?S: This variable conditionally defines ARCHLIB to hold the pathname
?S: of architecture-dependent library files for $package.  If
?S: $archlib is the same as $privlib, then this is set to undef.
?S:.
?S:archlib:
?S: This variable holds the name of the directory in which the user wants
?S: to put architecture-dependent public library files for $package.
?S: It is most often a local directory such as /usr/local/lib.
?S: Programs using this variable must be prepared to deal
?S: with filename expansion.
?S:.
?S:archlibexp:
?S: This variable is the same as the archlib variable, but is
?S: filename
 expanded at configuration time, for convenient use.
?S:.
?S:installarchlib:
?S: This variable is really the same as archlibexp but may differ on
```

```
?S: those systems using AFS. For extra portability, only this variable
?S: should be used in makefiles.
?S:.
?C:ARCHLIB:
?C: This variable, if defined, holds the name of the directory in
?C: which the user wants to put architecture-dependent public
?C: library files for $package.  It is most often a local directory
?C: such as /usr/local/lib.  Programs using this variable must be
?C: prepared to deal with filename expansion.  If ARCHLIB is the
?C: same as PRIVLIB, it is not defined, since presumably the
?C: program already searches PRIVLIB.
?C:.
?C:ARCHLIB_EXP:
?C: This symbol contains the ~name expanded version of ARCHLIB, to be used
?C: in programs that are not prepared to deal with ~ expansion at run-time.
?C:.
?H:#$d_archlib ARCHLIB "$archlib"  /**/
?H:#$d_archlib ARCHLIB_EXP "$archlibexp"  /**/
?H:.
: determine where public architecture
 dependent libraries go
set archlib archlib
eval $prefixit
case "$archlib" in
")
 case "$privlib" in
 ")
  dflt=`./loc . "." $prefixexp/lib /usr/local/lib /usr/lib /lib`
  set dflt
  eval $prefixup
  ;;
 *)  dflt="$privlib/$archname";;
 esac
 ;;
*) dflt="$archlib";;
esac
cat <<EOM

$spackage contains architecture-dependent library files.  If you are
sharing libraries in a heterogeneous environment, you might store
these files in a separate location.  Otherwise, you can just include
them with the rest of the public library files.

EOM
fn=d+~
rp='Where do you want to put the public architecture-dependent libraries?'
. ./getfile
archlib="$ans"
```

```
archlibexp="$ansexp"

if $afs; then
 $cat <<EOM

Since you are running AFS, I need to distinguish the directory in which
private files reside from the directory in which they are installed (and from
which they are presumably copied to the former directory by occult means).

EOM
 case "$installarchlib" in
 ") dflt=`echo $archlibexp | sed 's#^/afs/#/afs/.#'`;;
 *)
 dflt="$installarchlib";;
 esac
 fn=de~
 rp='Where will architecture-dependent library files be installed?'
 . ./getfile
 installarchlib="$ans"
else
 installarchlib="$archlibexp"
fi
if $test X"$archlib" = X"$privlib"; then
 d_archlib="$undef"
else
 d_archlib="$define"
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/archlib.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1996, Andy Dougherty
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_strtoul.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  15:46:43  ram
?RCS: patch61: created
?RCS:
```

```
?RCS:
?MAKE:d_strtoul: Inlibc
?MAKE: -pick add $@ %<
?S:d_strtoul:
?S: This variable conditionally defines the HAS_STRTOUL symbol, which
?S: indicates to the C program that the strtoul() routine is available
?S: to provide conversion of strings to unsigned long.
?S:.
?C:HAS_STRTOUL (STRTOUL):
?C: This symbol, if defined, indicates that the strtoul routine is
?C: available
 to provide conversion of strings to unsigned long.
?C:.
?H:#$d_strtoul HAS_STRTOUL /**/
?H:.
?LINT:set d_strtoul
: see if strtoul exists
set strtoul d_strtoul
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strtoul.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Instruct.U,v 3.0.1.3 1997/02/28 15:02:55 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: Instruct.U,v $
?RCS: Revision 3.0.1.3  1997/02/28  15:02:55  ram
?RCS: patch61: logname / whoami sequence rewritten to use case
?RCS:
?RCS: Revision 3.0.1.2  1995/02/15  14:11:34  ram
?RCS: patch51: author name now appears at the end of the paragraph (WED)
?RCS:
?RCS: Revision 3.0.1.1  1995/01/11  15:12:05  ram
?RCS: patch45: now documents the & escape to turn -d on at the read prompt
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:04  ram
?RCS: Baseline for
```

```
 dist 3.0 netwide release.
?RCS:
?X:
?X: This unit spew out the directions that we want everyone to read.  I try to
?X: keep the first "pagefull" much less than a page since they don't know it
?X: isn't going to go shooting off the top of the screen, and we don't want
?X: to panic them yet.
?X:
?MAKE:Instruct: Myread Configdir Devel contains
?MAKE: -pick wipe $@ %<
?T:user needman firsttime
: general instructions
needman=true
firsttime=true
user=`(logname) 2>/dev/null`
case "$user" in
") user=`whoami 2>&1`;;
esac
if $contains "^$user\$" ../.config/instruct >/dev/null 2>&1; then
 firsttime=false
 echo " "
 rp='Would you like to see the instructions?'
 dflt=n
 . ./myread
 case "$ans" in
 [yY]*) ;;
 *) needman=false;;
 esac
fi
if $needman; then
 cat <<EOH

This installation shell script will examine your system and ask you questions
to determine how the <PACKAGENAME> package should be installed. If you get
stuck on a question, you may use a ! shell escape to start a subshell or
execute a
 command.  Many of the questions will have default answers in square
brackets; typing carriage return will give you the default.

On some of the questions which ask for file or directory names you are allowed
to use the ~name construct to specify the login directory belonging to "name",
even if you don't have a shell which knows about that.  Questions where this is
allowed will be marked "(~name ok)".

EOH
 rp="
 dflt='Type carriage return to continue'
 . ./myread
```

```
 cat <<'EOH'

The prompter used in this script allows you to use shell variables and
backticks in your answers.  You may use $1, $2, etc...  to refer to the words
in the default answer, as if the default line was a set of arguments given to a
script shell.  This means you may also use $* to repeat the whole default line,
so you do not have to re-type everything to add something to the default.

Every time there is a substitution, you will have to confirm.  If there is an
error (e.g. an unmatched backtick), the default answer
 will remain unchanged
and you will be prompted again.

If you are in a hurry, you may run 'Configure -d'.  This will bypass nearly all
the questions and use the computed defaults (or the previous answers if there
was already a config.sh file). Type 'Configure -h' for a list of options.
You may also start interactively and then answer '& -d' at any prompt to turn
on the non-interactive behaviour for the remainder of the execution.

EOH
 . ./myread
 cat <<EOH

Much effort has been expended to ensure that this shell script will run on any
Unix system.  If despite that it blows up on yours, your best bet is to edit
Configure and run it again.  If you can't run Configure for some reason,
you'll have to generate a config.sh file by hand.  Whatever problems you
have, let me (<MAINTLOC>) know how I blew it.

This installation script affects things in two ways:

1) it may do direct variable substitutions on some of the files included
  in this kit.
2) it builds a config.h file for inclusion in
 C programs.  You may edit
  any of these files as the need arises after running this script.

If you make a mistake on a question, there is no easy way to back up to it
currently.  The easiest thing to do is to edit config.sh and rerun all the SH
files.  Configure will offer to let you do this before it runs the SH files.

EOH
?X: In case they played with the prompter...
 dflt='Type carriage return to continue'
 . ./myread
 case "$firsttime" in
 true) echo $user >>../.config/instruct;;
 esac
```

```
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Instruct.U
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_syscallproto: Hasproto i_unistd
?MAKE: -pick add $@ %<
?S:d_syscallproto:
?S: This variable conditionally defines the HAS_SYSCALL_PROTO symbol,
?S: which indicates to the C program that the system provides
?S: a prototype for the syscall() function.  Otherwise, it is
?S: up to the program to supply one.
?S:.
?C:HAS_SYSCALL_PROTO:
?C: This symbol, if defined, indicates that the system provides
?C: a prototype for the syscall() function.  Otherwise, it is up
?C: to the program to supply one.  Good guesses are
?C:  extern
 int syscall(int,  ...);
?C:  extern int syscall(long, ...);
?C:.
?H:#$d_syscallproto HAS_SYSCALL_PROTO /**/
?H:.
?LINT:set d_syscallproto
: see if prototype for syscall is available
echo " "
set d_syscallproto syscall $i_unistd unistd.h
eval $hasproto
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_syscallproto.U
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```

```
?RCS:
?MAKE:i_quadmath: Inhdr
?MAKE: -pick add $@ %<
?S:i_quadmath:
?S: This variable conditionally defines I_QUADMATH, which indicates
?S: to the C program that it should include <quadmath.h>.
?S:.
?C:I_QUADMATH:
?C: This symbol, if defined, indicates that <quadmath.h> exists and
?C: should be included.
?C:.
?H:#$i_quadmath I_QUADMATH  /**/
?H:.
?LINT:set i_quadmath
: see if this is a quadmath.h system
set quadmath.h i_quadmath
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_quadmath.U
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```
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?RCS:
?MAKE:d_strnlen: Inlibc
?MAKE: -pick add $@ %<
?S:d_strnlen:
?S: This variable conditionally defines the HAS_STRNLEN symbol, which
?S: indicates to the C program that the strnlen () routine is available.
?S:.
?C:HAS_STRNLEN:
?C: This symbol, if defined, indicates that the strnlen () routine is
?C: available to check the length of a string up to a maximum.
?C:.
?H:#$d_strnlen HAS_STRNLEN  /**/
?H:.
?LINT:set d_strnlen
: see if strnlen exists
set strnlen d_strnlen
eval $inlibc
```

Found in path(s):

* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_strnlen.U
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```
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_getfsstat : Inlibc
?MAKE: -pick add $@ %<
?S:d_getfsstat:
?S: This variable conditionally defines the HAS_GETFSSTAT symbol, which
?S: indicates to the C program that the getfsstat() routine is available.
?S:.
?C:HAS_GETFSSTAT:
?C: This symbol, if defined, indicates that the getfsstat routine is
?C: available to stat filesystems in bulk.
?C:.
?H:#$d_getfsstat HAS_GETFSSTAT  /**/
?H:.
?LINT:set d_getfsstat
: see if getfsstat exists
set getfsstat d_getfsstat
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getfsstat.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: orderlib.U,v 3.0.1.4 1997/02/28 16:18:18 ram Exp $
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: orderlib.U,v $
?RCS: Revision 3.0.1.4  1997/02/28  16:18:18  ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS: patch61: likewise for .o replaced by $_o
?RCS: patch61: now uses the ar located by Loc.U
```

```
?RCS:
?RCS: Revision 3.0.1.3  1995/01/11  15:33:04  ram
?RCS: patch45: allows hint files to specify their own value for 'ranlib'
?RCS:
?RCS: Revision 3.0.1.2  1994/10/29  16:26:48  ram
?RCS: patch36: now performs a real small compile for accurate
 checks (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/08/29  16:31:17  ram
?RCS: patch32: use cc variable instead of hardwired 'cc' in 1st compile
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:26  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:orderlib ranlib: Loc ar cat test rm +cc +ccflags +ldflags +libs i_stdlib _a _o run
?MAKE: -pick add $@ %<
?S:orderlib:
?S: This variable is "true" if the components of libraries must be ordered
?S: (with `lorder $* | tsort`) before placing them in an archive.  Set to
?S: "false" if ranlib or ar can generate random libraries.
?S:.
?S:ranlib:
?S: This variable is set to the pathname of the ranlib program, if it is
?S: needed to generate random libraries.  Set to ":" if ar can generate
?S: random libraries or if random libraries are not supported
?S:.
?F:!foobar
: see if ar generates random libraries by itself
echo " "
echo "Checking how to generate random libraries on your machine..." >&4
?X: Some systems (like MIPS) complain when running
 ar... Others like Ultrix
?X: need an explicit 'ar ts' to add the table of contents.
?X: Still others like Linux run ar ts successfully, but still need ranlib.
?X: This set of tests seems the minimum necessary to check out Linux.
?X: We need to explicitly put the entries in out-of-order so that Sun's ld
?X: will fail.  (Otherwise it complains, but gives an exit status of 0.)
echo 'int bar1() { return bar2(); }' > bar1.c
echo 'int bar2() { return 2; }' > bar2.c
$cat > foo.c <<EOP
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
int main() { printf("%d\n", bar1()); exit(0); }
EOP
$cc $ccflags -c bar1.c >/dev/null 2>&1
$cc $ccflags -c bar2.c >/dev/null 2>&1
```

```
$cc $ccflags -c foo.c >/dev/null 2>&1
$ar rc bar$_a bar2$_o bar1$_o >/dev/null 2>&1
if $cc -o foobar $ccflags $ldflags foo$_o bar$_a $libs > /dev/null 2>&1 &&
 $run ./foobar >/dev/null 2>&1; then
 echo "$ar appears to generate random libraries itself."
 orderlib=false
 if [ "X$ranlib" = "X" ]; then
     ranlib=":"
 fi
elif
 $ar s bar$_a >/dev/null 2>&1 &&
 $cc -o foobar $ccflags $ldflags foo$_o bar$_a $libs > /dev/null 2>&1 &&
 $run ./foobar >/dev/null 2>&1; then
  echo "a table of contents needs to be added with '$ar s'."
  orderlib=false
  ranlib="$ar s"
elif $ar ts bar$_a >/dev/null 2>&1 &&
 $cc -o foobar $ccflags $ldflags foo$_o bar$_a $libs > /dev/null 2>&1 &&
 $run ./foobar >/dev/null 2>&1; then
  echo "a table of contents needs to be added with '$ar ts'."
  orderlib=false
  ranlib="$ar ts"
else
?X: Allow hints to specify their own ranlib "script". For instance, on
?X: some NeXT machines, the timestamp put by ranlib is not correct, and this
?X: may raise tedious recompiles for nothing. Therefore, NeXT may add the
?X: ranlib='sleep 5; /bin/ranlib' line in their hints to "fix" that.
?X: (reported by Andreas Koenig <k@franz.ww.tu-berlin.de>)
 case "$ranlib" in
 :) ranlib=";;
 ")
  ranlib=`./loc ranlib X /usr/bin /bin /usr/local/bin`
  $test -f $ranlib || ranlib="
  ;;
 esac
 if $test -n "$ranlib";
 then
  echo "your system has '$ranlib'; we'll use that."
  orderlib=false
 else
  echo "your system doesn't seem to support random libraries"
  echo "so we'll use lorder and tsort to order the libraries."
  orderlib=true
  ranlib=":"
 fi
fi
$rm -f foo* bar*
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/orderlib.U
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```
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_ndbm.U,v $
?RCS: Revision 3.0.1.1  1995/05/12  12:16:53  ram
?RCS: patch54: made more robust by checking both header and lib (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:08:23  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_ndbm: Inhdr Inlibc Setvar
?MAKE: -pick add $@ %<
?S:i_ndbm (d_ndbm):
?S: This variable conditionally defines the I_NDBM symbol, which
?S: indicates to the C program that <ndbm.h> exists and should
?S: be included.
?S:.
?C:I_NDBM (HAS_NDBM NDBM):
?C: This
 symbol, if defined, indicates that <ndbm.h> exists and should
?C: be included.
?C:.
?H:#$i_ndbm I_NDBM /**/
?H:.
?T:t_ndbm d_dbm_open
?LINT:set i_ndbm
: see if ndbm.h is available
?X: t_ndbm is a tentative check.  We might just have the .h, not the lib -- ADO
set ndbm.h t_ndbm
eval $inhdr
case "$t_ndbm" in
$define)
 : see if dbm_open exists
 set dbm_open d_dbm_open
 eval $inlibc
 case "$d_dbm_open" in
```

```
 $undef)
  t_ndbm="$undef"
  echo "We won't be including <ndbm.h>"
  ;;
 esac
 ;;
esac
val="$t_ndbm"
set i_ndbm
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_ndbm.U
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```
?RCS: $Id: make.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: make.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  16:09:40  ram
?RCS: patch61: created
?RCS:
?MAKE:make_set_make : Loc rm sed make
?MAKE: -pick add $@ %<
?S:make_set_make:
?S: Some versions of 'make' set the variable MAKE.  Others do not.
?S: This variable contains the string to be included in Makefile.SH
?S: so that MAKE is set if needed, and not if not needed.
?S: Possible values are:
?S:
?S: make_set_make='#'  #
 If your make program handles this for you,
?S:
?S: make_set_make="MAKE=$make" # if it doesn't.
?S:
?S: This uses a comment character so that we can distinguish a
?S: 'set' value (from a previous config.sh or Configure -D option)
?S: from an uncomputed value.
?S:.
```

```
?LINT: extern MAKE
?LINT: change MAKE
?X: This test is based on one from an autoconf-generated configure
?X: script. Autoconf stole a lot from Configure, but now it's our
?X: turn to do so... ;-) -- RAM, 21/02/97
: check whether make sets MAKE
echo " "
echo "Checking if your $make program sets \$(MAKE)..." >&4
case "$make_set_make" in
")
?X: Use sed so we don't have a line begining with @echo.  Metaconfig
?X: will think that's a command like @if or @end.
 $sed 's/^X //' > testmake.mak << 'EOF'
Xall:
X  @echo 'maketemp="$(MAKE)"'
EOF
?X: GNU make sometimes prints "make[1]: Entering...", which would confuse us
 case "`$make -f testmake.mak 2>/dev/null`" in
 *maketemp=*) make_set_make='#' ;;
 *) make_set_make="MAKE=$make" ;;
 esac
 $rm
 -f testmake.mak
 ;;
esac
case "$make_set_make" in
'#') echo "Yup, it does.";;
*) echo "Nope, it doesn't.";;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/make.U
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```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999, Jarkko Hietaniemi
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?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:full_ar: ar
?MAKE: -pick add $@ %<
?S:full_ar:
```

```
?S: This variable contains the full pathname to 'ar', whether or
?S: not the user has specified 'portability'.  This is only used
?S: in the Makefile.SH.
?S:.
: Store the full pathname to the ar program for use in the C program
: Respect a hint or command line value for full_ar.
case "$full_ar" in
") full_ar=$ar ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/Loc_ar.U
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```
?RCS: $Id: Compile.U,v $
?RCS:
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?RCS:
?RCS:
?X:
?X: This unit is just a quick shorthand for the compile command
?X: to be used in all the other metaconfig units.
?X:
?MAKE:Compile: +cc +optimize +ccflags +ldflags +libs test
?MAKE: -pick add $@ %<
?LINT:extern usedevel
?LINT:define compile compile_ok
?V:compile compile_ok mc_file
?S:compile:
?S: This shell variable is used internally by Configure to provide
?S: a convenient shorthand for the typical compile command, namely
?S: $cc $optimize $ccflags $ldflags -o $1 $1.c $libs > /dev/null 2>&1
?S: Note that the output filename does _not_ include the _exe
?S: extension.  Instead we assume that the linker will be
?S: "helpful" and automatically appending the correct suffix.
?S: OS/2 users
 will apparently need to supply the -Zexe flag to
?S: get this behavior.
?S:
?S: To use this variable, say something like:
?S:  echo 'int main() { exit(0); }' > try.c
?S:  set try
?S:  if eval $compile; then
?S:   echo "success"   # and do whatever . . .
```

```
?S:  else
?S:   echo "failure"   # and do whatever . . .
?S:  fi
?S: To add extra flags cc flags (e.g. -DWHATEVER) just put them
?S: in $*, e.g.
?S:  set try -DTRY_THIS_FLAG
?S:.
?S:compile_ok:
?S: This shell variable is used internally by Configure to provide
?S: a convenient shorthand for the typical compile command that you
?S: expect to work ok.  It is the same as $compile, except we
?S: deliberately let the user see any error messages.
?S:.
: define a shorthand compile call
compile='
mc_file=$1;
shift;
case "$usedevel" in $define|true|[yY]*) if $test ! -f "${mc_file}.c"; then
echo "Internal Configure script bug - compiler test file ${mc_file}.c is missing. Please report this to
perlbug@perl.org" >&4;
exit 1;
fi;
esac;
$cc -o ${mc_file}
 $optimize $ccflags $ldflags $* ${mc_file}.c $libs > /dev/null 2>&1;'
: define a shorthand compile call for compilations that should be ok.
compile_ok='
mc_file=$1;
shift;
$cc -o ${mc_file} $optimize $ccflags $ldflags $* ${mc_file}.c $libs > /dev/null 2>&1;'
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/Compile.U
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```
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_getnameinfo: Inlibc
?MAKE: -pick add $@ %<
?S:d_getnameinfo:
?S: This variable conditionally defines the HAS_GETNAMEINFO symbol,
?S: which indicates to the C program that the getnameinfo() function
```

```
?S: is available.
?S:.
?C:HAS_GETNAMEINFO:
?C: This symbol, if defined, indicates that the getnameinfo() function
?C: is available for use.
?C:.
?H:#$d_getnameinfo HAS_GETNAMEINFO  /**/
?H:.
?LINT:set d_getnameinfo
: see if getnameinfo exists
set getnameinfo d_getnameinfo
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getnameinfo.U
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```
?RCS: $Id: d_chown.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_chown.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:07:14  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_chown: Inlibc
?MAKE: -pick add $@ %<
?S:d_chown:
?S: This variable conditionally defines the HAS_CHOWN symbol, which
?S: indicates to the C program that the chown() routine is available.
?S:.
?C:HAS_CHOWN :
?C: This symbol, if defined, indicates that the chown routine is
?C: available.
?C:.
?H:#$d_chown
 HAS_CHOWN  /**/
?H:.
?LINT:set d_chown
```

```
: see if chown exists
set chown d_chown
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_chown.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_truncate.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_truncate.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:48  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_truncate: Inlibc
?MAKE: -pick add $@ %<
?S:d_truncate:
?S: This variable conditionally defines HAS_TRUNCATE if truncate() is
?S: available to truncate files.
?S:.
?C:HAS_TRUNCATE (TRUNCATE):
?C: This symbol, if defined, indicates that the truncate routine is
?C: available to truncate files.
?C:.
?H:#$d_truncate HAS_TRUNCATE /**/
?H:.
?LINT:set
 d_truncate
: see if truncate exists
set truncate d_truncate
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_truncate.U
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```
?RCS: $Id$
?RCS:
```

```
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: gidtype.U,v $
?RCS: Revision 3.0.1.3  1994/08/29  16:21:44  ram
?RCS: patch32: now uses new Typedef unit to compute type information
?RCS: patch32: removed useless usage of Setvar (for now)
?RCS:
?RCS: Revision 3.0.1.2  1994/05/13  15:21:07  ram
?RCS: patch27: added lint hint
?RCS:
?RCS: Revision 3.0.1.1  1994/05/06  15:01:51  ram
?RCS: patch23: protected gidtype setting via setvar (ADO)
?RCS: patch23: made Gid_t comment more explicit (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:08:11  ram
?RCS:
 Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:gidtype: Myread Typedef Findhdr
?MAKE: -pick add $@ %<
?S:gidtype:
?S: This variable defines Gid_t to be something like gid_t, int,
?S: ushort, or whatever type is used to declare the return type
?S: of getgid().  Typically, it is the type of group ids in the kernel.
?S:.
?C:Gid_t (GIDTYPE):
?C: This symbol holds the return type of getgid() and the type of
?C: argument to setrgid() and related functions.  Typically,
?C: it is the type of group ids in the kernel. It can be int, ushort,
?C: uid_t, etc... It may be necessary to include <sys/types.h> to get
?C: any typedef'ed information.
?C:.
?H:#define Gid_t $gidtype  /* Type for getgid(), etc... */
?H:.
?T:xxx
: see what type gids are declared as in the kernel
set gid_t gidtype xxx stdio.h sys/types.h
eval $typedef
case "$gidtype" in
xxx)
 xxx=`./findhdr sys/user.h`
 set `grep 'groups\[NGROUPS\];' "$xxx" 2>/dev/null` unsigned short
```

```
 case $1 in
 unsigned) dflt="$1 $2" ;;
 *) dflt="$1"
 ;;
 esac
 ;;
*) dflt="$gidtype";;
esac
echo " "
rp="What is the type for group ids returned by getgid()?"
. ./myread
gidtype="$ans"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/gidtype.U
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```
?RCS: $Id: vendorscript.U,v 1.1 1999/07/08 18:32:57 doughera Exp doughera $
?RCS:
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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: vendorscript.U,v $
?RCS: Revision 1.1  1999/07/08 18:32:57  doughera
?RCS: Initial revision
?RCS:
?MAKE:d_vendorscript vendorscript vendorscriptexp installvendorscript: Getfile \
 vendorbin cat Setprefixvar Oldconfig Prefixit test vendorprefix
?MAKE: -pick add $@ %<
?Y:TOP
?S:vendorscript:
?S: This variable contains the eventual value of the VENDORSCRIPT symbol.
?S: It may have a ~ on the front.
?S: The standard distribution will put nothing in this
 directory.
?S: Vendors who distribute perl may wish to place additional
?S: executable scripts in this directory with
?S:  MakeMaker Makefile.PL INSTALLDIRS=vendor
?S: or equivalent.  See INSTALL for details.
?S:.
?S:vendorscriptexp:
?S: This variable is the ~name expanded version of vendorscript, so that you
```

```
?S: may use it directly in Makefiles or shell scripts.
?S:.
?D:installvendorscript="
?S:installvendorscript:
?S: This variable is really the same as vendorscriptexp but may differ on
?S: those systems using AFS. For extra portability, only this variable
?S: should be used in makefiles.
?S:.
?S:d_vendorscript:
?S: This variable conditionally defines PERL_VENDORSCRIPT.
?S:.
?C:PERL_VENDORSCRIPT:
?C: If defined, this symbol contains the name of a directory
?C: for holding vendor-supplied executable scripts.
?C: It may have a ~ on the front.
?C: The standard distribution will put nothing in this directory.
?C: Vendors who distribute perl may wish to place additional
?C: executable
 scripts in this directory with
?C:  MakeMaker Makefile.PL INSTALLDIRS=vendor
?C: or equivalent.  See INSTALL for details.
?C:.
?C:PERL_VENDORSCRIPT_EXP:
?C: This symbol contains the ~name expanded version of VENDORSCRIPT, to be used
?C: in programs that are not prepared to deal with ~ expansion at run-time.
?C:.
?H:#$d_vendorscript PERL_VENDORSCRIPT "$vendorscript"  /**/
?H:#$d_vendorscript PERL_VENDORSCRIPT_EXP "$vendorscriptexp"  /**/
?H:.
?LINT:change prefixvar
?LINT:set installvendorscript
: Set the vendorscript variables
case "$vendorprefix" in
") d_vendorscript="$undef"
 vendorscript="
 vendorscriptexp="
 ;;
*) d_vendorscript="$define"
 : determine where vendor-supplied scripts go.
 case "$vendorscript" in
 ") dflt=$vendorprefix/script
  $test -d $dflt || dflt=$vendorbin ;;
 *)  dflt="$vendorscript" ;;
 esac
 $cat <<EOM

The installation process will create a directory for
vendor-supplied scripts.
```

```
EOM
 fn=d~+
 rp='Pathname for the vendor-supplied scripts directory?'
 . ./getfile
 vendorscript="$ans"
 vendorscriptexp="$ansexp"
 ;;
esac
prefixvar=vendorscript
.
 ./installprefix
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/vendorscript.U
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```
?RCS: $Id: d_seteuid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_seteuid.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:08  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_seteuid: Inlibc
?MAKE: -pick add $@ %<
?S:d_seteuid:
?S: This variable conditionally defines the HAS_SETEUID symbol, which
?S: indicates to the C program that the seteuid() routine is available
?S: to change the effective uid of the current program.
?S:.
?C:HAS_SETEUID (SETEUID):
?C: This symbol, if defined, indicates that the seteuid
 routine is available
?C: to change the effective uid of the current program.
?C:.
?H:#$d_seteuid HAS_SETEUID  /**/
?H:.
?LINT:set d_seteuid
: see if seteuid exists
```

```
set seteuid d_seteuid
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_seteuid.U
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```
?RCS: $Id: package.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: package.U,v $
?RCS: Revision 3.0.1.3  1994/10/29  16:27:21  ram
?RCS: patch36: beware of non-ascii character sets when translating case
?RCS:
?RCS: Revision 3.0.1.2  1993/11/10  17:37:02  ram
?RCS: patch14: skip definition of spackage if not otherwise used
?RCS:
?RCS: Revision 3.0.1.1  1993/09/13  16:11:10  ram
?RCS: patch10: added spackage, suitable for starting sentences
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:28  ram
?RCS: Baseline for dist 3.0
 netwide release.
?RCS:
?MAKE:package spackage: Nothing
?MAKE: -pick wipe $@ %<
?S:package:
?S: This variable contains the name of the package being constructed.
?S: It is primarily intended for the use of later Configure units.
?S:.
?S:spackage:
?S: This variable contains the name of the package being constructed,
?S: with the first letter uppercased, i.e. suitable for starting
?S: sentences.
?S:.
?X: dist-4 has defined PACKAGE: here, which clashes with perly.h
?X:  as package is a reserved keyword in perl
?T:first last
: set package name
package='<PACKAGENAME>'
```

```
@if spackage
first=`echo $package | sed -e 's/^\(.\).*/\1/'`
last=`echo $package | sed -e 's/^.\(.*\)/\1/'`
?X:
?X: So early in the Configure script, we don't have ./tr set up and can't
?X: include Tr in our dependency or that would create a cycle. Therefore,
?X: we have to somehow duplicate the work done in Tr. That's life.
?X:
case "`echo AbyZ | tr '[:lower:]' '[:upper:]' 2>/dev/null`"-"`echo AbyZ | tr '[:upper:]' '[:lower:]'
 2>/dev/null`" in
ABYZ-abyz) spackage=`echo $first | tr '[:lower:]' '[:upper:]'`$last;;
*) spackage=`echo $first | tr '[a-z]' '[A-Z]'`$last;;
esac
@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/package.U
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```
?RCS: $Id: d_perlio.U,v $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: d_perlio.U,v $
?RCS:
?MAKE:useperlio: Myread Oldconfig Setvar
?MAKE: -pick add $@ %<
?Y:TOP
?S:useperlio:
?S: This variable conditionally defines the USE_PERLIO symbol,
?S: and indicates that the PerlIO abstraction should be
?S: used throughout.
?S:.
?C:USE_PERLIO:
?C: This symbol, if defined, indicates that the PerlIO abstraction should
?C: be used throughout.  If not defined, stdio should be
?C: used in a fully backward compatible manner.
?C:.
?H:?%<:#ifndef USE_PERLIO
?H:?%<:#$useperlio USE_PERLIO  /**/
?H:?%<:#endif
?H:.
: Check if we want perlio
useperlio="$define"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/useperlio.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: usecbacktrace.U,v $
?RCS:
?RCS: Copyright (c) 2014 H.Merijn Brand
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: usecbacktrace.U,v $
?RCS:
?MAKE:usecbacktrace: Myread Oldconfig Setvar Getfile d_backtrace
?MAKE: -pick add $@ %<
?Y:TOP
?S:usecbacktrace:
?S: This variable indicates whether we are compiling with backtrace
?S: support.
?S:.
?C:USE_CBACKTRACE:
?C: This symbol, if defined, indicates that Perl should
?C: be built with support for backtrace.
?C:.
?H:#$usecbacktrace USE_CBACKTRACE  /**/
?H:.
?LINT:extern ccflags
?LINT:change ccflags
: add flags if using c backtrace
case "$usecbacktrace" in
 "") usecbacktrace=$undef ;;
 [yY]*|true|$define)
   case "$d_backtrace" in
     [yY]*|true|$define)
       case " $ccflags " in
   *" -DUSE_C_BACKTRACE "*) ;; # Already there.
   *) ccflags="$ccflags
 -DUSE_C_BACKTRACE -g" ;;
   esac
       ;;
     *)
       echo "This system does not support backtrace" >&4
       usecbacktrace=$undef
       ;;
     esac
   ;;
```

```
 esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/usebacktrace.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Oldsym.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Oldsym.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  15:06:58  ram
?RCS: patch61: added support for src.U
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:13  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit follows the creation of the config.sh file. It adds some
?X: special symbols: defines from patchlevel.h file if any and PERL_CONFIG_SH,
?X: which is set to true. Then, we try to keep all the new symbols that
?X: may come from a hint
 file or a previous config.sh file.
?X:
?MAKE:Oldsym: Config_sh cat test hint src sed sort uniq perl_patchlevel
?MAKE: -pick add $@ %<
?T:PERL_CONFIG_SH PERL_PATCHLEVEL sym tmp
?F:!UU
: add special variables
$test -f $src/patchlevel.h && \
awk '/^#define[  ]+PERL_/ {printf "%s=%s\n",$2,$3}' $src/patchlevel.h >>config.sh
echo "PERL_PATCHLEVEL='$perl_patchlevel'" >>config.sh
echo "PERL_CONFIG_SH=true" >>config.sh

: propagate old symbols
if $test -f UU/config.sh; then
?X: Make sure each symbol is unique in oldconfig.sh
 <UU/config.sh $sort | $uniq >UU/oldconfig.sh
?X:
?X: All the symbols that appear twice come only from config.sh (hence the
?X: two config.sh in the command line). These symbols will be removed by
```

```
?X: the uniq -u command. The oldsyms file thus contains all the symbols
?X: that did not appear in the produced config.sh (Larry Wall).
?X:
?X: Do not touch the -u flag of uniq.  This means you too, Jarkko.
?X:
 $sed -n 's/^\([a-zA-Z_0-9]*\)=.*/\1/p' \
  config.sh config.sh UU/oldconfig.sh
 |\
  $sort | $uniq -u >UU/oldsyms
 set X `$cat UU/oldsyms`
 shift
 case $# in
 0) ;;
 *)
  $cat <<EOM
Hmm...You had some extra variables I don't know about...I'll try to keep 'em...
EOM
  echo ": Variables propagated from previous config.sh file." >>config.sh
  for sym in `$cat UU/oldsyms`; do
   echo "    Propagating $hint variable "'$'"$sym..."
   eval 'tmp="$'"${sym}"'"'
   echo "$tmp" | \
    sed -e "s/'/'\''\''/g" -e "s/^/$sym='/" -e "s/$/'/" >>config.sh
  done
  ;;
 esac
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Oldsym.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_semctl.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_semctl.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:04  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_semctl: Inlibc
```

```
?MAKE: -pick add $@ %<
?S:d_semctl:
?S: This variable conditionally defines the HAS_SEMCTL symbol, which
?S: indicates to the C program that the semctl() routine is available.
?S:.
?C:HAS_SEMCTL:
?C: This symbol, if defined, indicates that the semctl() routine is
?C: available to perform semaphore control operations.
?C:.
?H:#$d_semctl
 HAS_SEMCTL /**/
?H:.
?LINT:set d_semctl
: see if semctl exists
set semctl d_semctl
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_semctl.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1996, Andy Dougherty
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: man3dir.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  16:10:34  ram
?RCS: patch61: created
?RCS:
?X:
?X: This was originally specific to perl5.  Since perl5 has man pages that
?X: go in both man1/ and man3/ directories, we need both man1dir
?X: and man3dir.  This unit is basically dist's mansrc.U with
?X: man3 used instead of man everywhere.
?X: I then added various tests because perl5 has *lots* of man3
?X: pages with long file names. -- ADO
?X:
?MAKE:man3dir
 man3direxp man3ext installman3dir: afs cat nroff Loc Oldconfig \
 sed man1dir spackage package Getfile prefix Prefixit Prefixup \
```

```
 d_flexfnam privlib Myread
?MAKE: -pick add $@ %<
?Y:TOP
?S:man3dir:
?S: This variable contains the name of the directory in which manual
?S: source pages are to be put.  It is the responsibility of the
?S: Makefile.SH to get the value of this into the proper command.
?S: You must be prepared to do the ~name expansion yourself.
?S:.
?S:man3direxp:
?S: This variable is the same as the man3dir variable, but is filename
?S: expanded at configuration time, for convenient use in makefiles.
?S:.
?S:installman3dir:
?S: This variable is really the same as man3direxp, unless you are using
?S: AFS in which case it points to the read/write location whereas
?S: man3direxp only points to the read-only access location. For extra
?S: portability, you should only use this variable within your makefiles.
?S:.
?S:man3ext:
?S: This variable contains the extension that the manual
 page should
?S: have: one of 'n', 'l', or '3'.  The Makefile must supply the '.'.
?S: See man3dir.
?S:.
: determine where library module manual pages go
set man3dir man3dir none
eval $prefixit
$cat <<EOM

$spackage has manual pages for many of the library modules.
EOM

case "$nroff" in
nroff)
 $cat <<'EOM'
However, you don't have nroff, so they're probably useless to you.
EOM
 case "$man3dir" in
 ") man3dir="none";;
 esac;;
esac

case "$d_flexfnam" in
undef)
 $cat <<'EOM'
However, your system can't handle the long file names like File::Basename.3.
EOM
```

```
 case "$man3dir" in
 ") man3dir="none";;
 esac;;
esac

echo "If you don't want the manual sources installed, answer 'none'."
?X: We dont use /usr/local/man/man3 because some man programs will
?X: only show the /usr/local/man/man3 contents, and not the system ones,
?X: thus man less will show the perl module less.pm, but not the system
?X: less command.  We might also conflict with TCL man pages.
?X: However, something like /opt/perl/man/man3
 is fine.
case "$man3dir" in
") case "$prefix" in
 *$package*) dflt=`echo $man1dir |
   $sed -e 's/man1/man3/g' -e 's/man\.1/man\.3/g'` ;;
 *) dflt="$privlib/man/man3" ;;
 esac
 ;;
' ') dflt=none;;
*) dflt="$man3dir" ;;
esac
echo " "

fn=dn+~
rp="Where do the $package library man pages (source) go?"
. ./getfile
if test "X$man3direxp" != "X$ansexp"; then
 installman3dir="
fi

man3dir="$ans"
man3direxp="$ansexp"
case "$man3dir" in
") man3dir=' '
 installman3dir=";;
esac
if $afs; then
 $cat <<EOM

Since you are running AFS, I need to distinguish the directory in which
manual pages reside from the directory in which they are installed (and from
which they are presumably copied to the former directory by occult means).

EOM
 case "$installman3dir" in
 ") dflt=`echo $man3direxp | sed 's#^/afs/#/afs/.#'`;;
 *) dflt="$installman3dir";;
```

```
 esac
 fn=de~
 rp='Where will man pages be installed?'
 . ./getfile
 installman3dir="$ans"
else
 installman3dir="$man3direxp"
fi

: What suffix
 to use on installed man pages

case "$man3dir" in
' ')
 man3ext='0'
 ;;
*)
 rp="What suffix should be used for the $package library man pages?"
 case "$man3ext" in
 ") case "$man3dir" in
  *3)  dflt=3 ;;
  *3p) dflt=3p ;;
  *3pm) dflt=3pm ;;
  *l) dflt=l;;
  *n) dflt=n;;
  *o) dflt=o;;
  *p) dflt=p;;
  *C) dflt=C;;
  *L) dflt=L;;
  *L3) dflt=L3;;
  *) dflt=3;;
  esac
  ;;
 *) dflt="$man3ext";;
 esac
 . ./myread
 man3ext="$ans"
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/man3dir.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: contains.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: contains.U,v $
?RCS: Revision 3.0  1993/08/18  12:05:35  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:contains: Nothing
?MAKE: -pick add $@ %<
?S:contains:
?S: This variable holds the command to do a grep with a proper return
?S: status.  On most sane systems it is simply "grep".  On insane systems
?S: it is a grep followed by a cat followed by a test.  This variable
?S: is primarily for the use of other Configure units.
?S:.
: Some
 greps do not return status, grrr.
echo "grimblepritz" >grimble
if grep blurfldyick grimble >/dev/null 2>&1 ; then
 contains=contains
elif grep grimblepritz grimble >/dev/null 2>&1 ; then
 contains=grep
else
 contains=contains
fi
rm -f grimble
: the following should work in any shell
case "$contains" in
contains*)
 echo " "
 echo "AGH!  Grep doesn't return a status.  Attempting remedial action."
 cat >contains <<'EOSS'
grep "$1" "$2" >.greptmp && cat .greptmp && test -s .greptmp
EOSS
chmod +x contains
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/contains.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: startperl.U,v 3.0 1993/08/18 12:09:50 ram Exp $
?RCS:
```

```
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: This file is included with or a derivative work of a file included
?RCS: with the metaconfig program of Raphael Manfredi's "dist" distribution.
?RCS: In accordance with clause 7 of dist's modified Artistic License:
?RCS:
?RCS:     You may distribute under the terms of either the GNU General Public
?RCS:     License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: startperl.U,v $
?RCS: Perl5 version -- I always have d_portable=define.
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:50  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:startperl: cat Myread sharpbang initialinstalllocation test \
 versiononly version
?MAKE: -pick add $@ %<
?Y:TOP
?X: This is different from dist's standard startperl.U unit because
?X: we can't directly test #!/usr/local/bin/perl (or
 whatever) because
?X: we haven't built and installed perl yet.
?S:startperl:
?S: This variable contains the string to put on the front of a perl
?S: script to make sure (hopefully) that it runs with perl and not some
?S: shell. Of course, that leading line must be followed by the classical
?S: perl idiom:
?S:  eval 'exec perl -S $0 ${1+"$@"}'
?S:   if $running_under_some_shell;
?S: to guarantee perl startup should the shell execute the script. Note
?S: that this magic incantation is not understood by csh.
?S:.
?C:STARTPERL:
?C: This variable contains the string to put in front of a perl
?C: script to make sure (one hopes) that it runs with perl and not
?C: some shell.
?C:.
?H:#define STARTPERL "$startperl"  /**/
?H:.
: figure out how to guarantee perl startup
: XXX Note that this currently takes advantage of the bug that binexp ignores
:     the Configure -Dinstallprefix setting, which in turn means that under
:     relocatable @INC, initialinstalllocation is what binexp started as.
case
 "$startperl" in
")
 case "$sharpbang" in
```

```
 *!)
  $cat <<EOH

I can use the #! construct to start perl on your system. This will
make startup of perl scripts faster, but may cause problems if you
want to share those scripts and perl is not in a standard place
($initialinstalllocation/perl) on all your platforms. The alternative
is to force a shell by starting the script with a single ':' character.

EOH
  case "$versiononly" in
  "$define")      dflt="$initialinstalllocation/perl$version";;
  *)              dflt="$initialinstalllocation/perl";;
  esac
  rp='What shall I put after the #! to start up perl ("none" to not use #!)?'
  . ./myread
  case "$ans" in
  none) startperl=": # use perl";;
  *) startperl="#!$ans"
   if $test 30 -lt `echo "$ans" | wc -c`; then
    $cat >&4 <<EOM

WARNING:  Some systems limit the #! command to 32 characters.
If you experience difficulty running Perl scripts with #!, try
installing Perl in a directory with a shorter pathname.

EOM
   fi ;;
  esac
  ;;
 *)
 startperl=": # use perl"
  ;;
 esac
 ;;
esac
echo "I'll use $startperl to start perl scripts."
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/startperl.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2015 Jarkko Hietaniemi, H.Merijn Brand
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:longdblinfbytes longdblnanbytes doubleinfbytes doublenanbytes: Inlibc \
 cat Compile run rm_try Setvar echo d_longdbl \
 doublekind doublesize longdblkind longdblsize
?MAKE: -pick add $@ %<
?S:longdblinfbytes:
?S: This variable contains comma-separated list of hexadecimal bytes
?S: for the long double precision infinity.
?S:.
?S:longdblnanbytes:
?S: This variable contains comma-separated list of hexadecimal bytes
?S: for the long double precision not-a-number.
?S:.
?S:doubleinfbytes:
?S: This variable contains comma-separated list of hexadecimal bytes
?S: for the double precision infinity.
?S:.
?S:doublenanbytes:
?S: This variable contains comma-separated list of hexadecimal bytes
?S: for
 the double precision not-a-number.
?S:.
?C:DOUBLEINFBYTES:
?C: This symbol, if defined, is a comma-separated list of
?C: hexadecimal bytes for the double precision infinity.
?C:.
?C:DOUBLENANBYTES:
?C: This symbol, if defined, is a comma-separated list of
?C: hexadecimal bytes (0xHH) for the double precision not-a-number.
?C:.
?C:LONGDBLINFBYTES:
?C: This symbol, if defined, is a comma-separated list of
?C: hexadecimal bytes for the long double precision infinity.
?C:.
?C:LONGDBLNANBYTES:
?C: This symbol, if defined, is a comma-separated list of
?C: hexadecimal bytes (0xHH) for the long double precision not-a-number.
?C:.
?H:#define DOUBLEINFBYTES  $doubleinfbytes  /**/
?H:#define DOUBLENANBYTES  $doublenanbytes  /**/
?H:#define LONGDBLINFBYTES $longdblinfbytes  /**/
?H:#define LONGDBLNANBYTES $longdblnanbytes  /**/
?H:.
?F:!try
: Check what kind of inf/nan your system has
$echo "Checking the kind of infinities and nans you have..." >&4
$echo "(The following tests may crash.  That's
```

```
 okay.)" >&4
$cat >try.c <<EOP
#define DOUBLESIZE $doublesize
#$d_longdbl HAS_LONG_DOUBLE
#ifdef HAS_LONG_DOUBLE
#define LONG_DOUBLESIZE $longdblsize
#define LONG_DOUBLEKIND $longdblkind
#endif
#include <math.h>
#include <string.h>
#include <stdio.h>
/* Note that whether the sign bit is on or off
* for NaN depends on the CPU/FPU, and possibly
* can be affected by the build toolchain.
*
* For example for older MIPS and HP-PA 2.0 the quiet NaN is:
* 0x7f, 0xf7, 0xff, 0xff, 0xff, 0xff, 0xff, 0xff
* 0x7f, 0xf4, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00
* (respectively) as opposed to the more usual
* 0x7f, 0xf8, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00
*
* Pre-IEEE-754 floating point format do not even have inf/nan support
* at all.  They might have a "max" value (DBL_MAX), which may be deadly
* to even mention, causing immediate SIGFPE or equivalent: this is
* the case with VAX floating point, for example.
*/
static void bytes(void *v, unsigned int n) {
 unsigned char *p = (unsigned
 char *)v;
 int i;
 for (i = 0; i < n; i++) {
   printf("0x%02x%s", p[i], i < n - 1 ? ", " : "\n");
 }
}
int main(int argc, char *argv[]) {
  /* We cannot use 1.0/0.0 and 0.0/0.0 (with L suffixes for long double)
   * because some compilers are 'smart' and not only warn but refuse to
   * compile such 'illegal' values. */
  double dinf = exp(1e9);
  double dnan = sqrt(-1.0);
#ifdef HAS_LONG_DOUBLE
  long double ldinf = (long double)exp(1e9);
  long double ldnan = (long double)sqrt(-1.0);
# if LONG_DOUBLEKIND == 3 || LONG_DOUBLEKIND == 4
/* the 80-bit long doubles might have garbage in their excess bytes */
   memset((char *)&ldinf + 10, '\0', LONG_DOUBLESIZE - 10);
   memset((char *)&ldnan + 10, '\0', LONG_DOUBLESIZE - 10);
# endif
```

```
 if (argc == 2) {
   switch (argv[1][0]) {
   case '1': bytes(&dinf, sizeof(dinf)); break;
   case '2': bytes(&dnan, sizeof(dnan)); break;
   case '3': bytes(&ldinf, sizeof(ldinf)); break;
   case '4': bytes(&ldnan, sizeof(ldnan)); break;
#endif
    }
 }
 return 0;
}
EOP
set try
if eval $compile; then
   doubleinfbytes=`$run ./try 1`
   doublenanbytes=`$run ./try 2`
   case "$d_longdbl" in
   $define)
     longdblinfbytes=`$run ./try 3`
     longdblnanbytes=`$run ./try 4`
     ;;
   esac
else
   # Defaults in case the above test program failed.
   case "$doublekind" in
   1) # IEEE 754 32-bit LE
      doubleinfbytes='0x00, 0x00, 0xf0, 0x7f'
      doublenanbytes='0x00, 0x00, 0xf8, 0x7f'
      ;;
   2) # IEEE 754 32-bit BE
      doubleinfbytes='0x7f, 0xf0, 0x00, 0x00'
      doublenanbytes='0x7f, 0xf8, 0x00, 0x00'
      ;;
   3) # IEEE 754 64-bit LE
      doubleinfbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xf0, 0x7f'
      doublenanbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xf8, 0x7f'
      ;;
   4) # IEEE 754 64-bit BE
      doubleinfbytes='0x7f, 0xf0, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00'
      doublenanbytes='0x7f, 0xf8, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00'
      ;;
   5) # IEEE 754 128-bit LE
       doubleinfbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xf0,
0x7f'
      doublenanbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xf8,
0x7f'
      ;;
   6) # IEEE 754 128-bit BE
```

```
    doubleinfbytes='0x7f, 0xf0, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
    doublenanbytes='0x7f, 0xf8, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
    ;;
  7) # IEEE 754 64-bit mixed: 32-bit LEs in BE
    doubleinfbytes='0x00, 0x00, 0xf0, 0x7f, 0x00, 0x00, 0x00, 0x00'
    doublenanbytes='0x00, 0x00, 0xf8, 0x7f, 0x00, 0x00, 0x00, 0x00'
    ;;
  8) # IEEE 754 64-bit mixed: 32-bit BEs in LE
    doubleinfbytes='0x00, 0x00, 0x00, 0x00, 0x7f, 0xf0, 0x00, 0x00'
    doublenanbytes='0x00, 0x00, 0x00, 0x00, 0x7f, 0xf8, 0x00, 0x00'
    ;;
  9|10|11|12|13|14) # VAX/Cray/IBM floating point formats, no inf/nan.
     doubleinfbytes=$undef
    doublenanbytes=$undef
    ;;
  *) # No idea.
    doubleinfbytes=$undef
    doublenanbytes=$undef
    ;;
  esac
  case "$longdblkind" in
  1) # IEEE 754 128-bit LE
    longdblinfbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xff,
0x7f'
    longdblnanbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x80, 0xff,
0x7f'
    ;;
  2) # IEEE 754 128-bit BE
    longdblinfbytes='0x7f, 0xff, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
    longdblnanbytes='0x7f, 0xff, 0x80, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
    ;;
  3) # IEEE 754 80-bit LE, 12 or 16 bytes (x86)
    case "$longdblsize" in
    12) # x86 32-bit (96 bits, or 4 x 32, or 12 x 8)
      longdblinfbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x80, 0xff, 0x7f, 0x00, 0x00'
      longdblnanbytes='0x00,
 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xc0, 0xff, 0x7f, 0x00, 0x00'
      ;;
    16) # x86_64
      longdblinfbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x80, 0xff, 0x7f, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
      longdblnanbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xc0, 0xff, 0x7f, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
      ;;
```

```
    *)  # No idea.
        longdblinfbytes=$undef
        longdblnanbytes=$undef
    ;;
    esac
    ;;
  4) # IEEE 754 80-bit BE, 12 or 16 bytes
    case "$longdblsize" in
    12) # 32-bit system
        longdblinfbytes='0x7f, 0xff, 0x80, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00'
        longdblnanbytes='0x7f, 0xff, 0xc0, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00'
        ;;
    16) # 64-bit system
        longdblinfbytes='0x7f, 0xff, 0x80, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
        longdblnanbytes='0x7f,
 0xff, 0xc0, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00'
        ;;
    *)  # No idea.
        longdblinfbytes=$undef
        longdblnanbytes=$undef
    ;;
    esac
    ;;
  5) # 128-bit LE-LE "double double"
    longdblinfbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xf0,
0x7f'
    longdblnanbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xf8,
0x7f'
    ;;
  6) # 128-bit BE-BE "double double"
    longdblinfbytes='0x7f, 0xf0, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
    longdblnanbytes='0x7f, 0xf8, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
    ;;
  7) # 128-bit LE-BE "double double"
    longdblinfbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xf0, 0x7f, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
    longdblnanbytes='0x00, 0x00,
 0x00, 0x00, 0x00, 0x00, 0xf8, 0x7f, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00'
    ;;
  8) # 128-bit BE-LE "double double"
    longdblinfbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x7f, 0xf0, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
    longdblnanbytes='0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x7f, 0xf8, 0x00, 0x00, 0x00, 0x00, 0x00,
0x00'
    ;;
```

```
  9|10|11|12|13|14) # VAX/Cray/IBM floating point formats, no inf/nan.
    longdblinfbytes=$undef
    longdblnanbytes=$undef
    ;;
  *) # No idea.
    longdblinfbytes=$undef
    longdblnanbytes=$undef
    ;;
  esac
fi
# In case the program crashed the values are empty, turn them undef.
case "$doubleinfbytes" in
") doubleinfbytes=$undef ;;
esac
case "$doublenanbytes" in
") doublenanbytes=$undef ;;
esac
case "$longdblinfbytes" in
") longdblinfbytes=$undef ;;
esac
case "$longdblnanbytes" in
") longdblnanbytes=$undef ;;
esac
$rm_try
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/infnan.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_values.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1996, Andy Dougherty
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_values.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  15:48:34  ram
?RCS: patch61: created
?RCS:
?MAKE:i_values: Inhdr
?MAKE: -pick add $@ %<
?S:i_values:
```

```
?S: This variable conditionally defines the I_VALUES symbol, and indicates
?S: whether a C program may include <values.h> to get symbols like MAXLONG
?S: and friends.
?S:.
?C:I_VALUES:
?C: This symbol, if defined, indicates to the C program that it should
?C: include
 <values.h> to get definition of symbols like MINFLOAT or
?C: MAXLONG, i.e. machine dependant limitations.  Probably, you
?C: should use <limits.h> instead, if it is available.
?C:.
?H:#$i_values I_VALUES  /**/
?H:.
?LINT:set i_values
: see if this is a values.h system
set values.h i_values
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_values.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_faststdio: Setvar \
 d_stdstdio d_stdio_ptr_lval d_stdio_cnt_lval d_stdio_ptr_lval_sets_cnt
?MAKE: -pick add $@ %<
?S:d_faststdio:
?S: This variable conditionally defines the HAS_FAST_STDIO symbol,
?S: which indicates to the C program that the "fast stdio" is available
?S: to manipulate the stdio buffers directly.
?S:.
?C:HAS_FAST_STDIO:
?C: This symbol, if defined, indicates that the "fast stdio"
?C: is available to manipulate the stdio buffers directly.
?C:.
?H:#$d_faststdio HAS_FAST_STDIO  /**/
?H:.
?LINT:set d_faststdio
: see if fast_stdio exists
val="$undef"
case "$d_stdstdio:$d_stdio_ptr_lval" in
```

```
"$define:$define")
 case "$d_stdio_cnt_lval$d_stdio_ptr_lval_sets_cnt" in
 *$define*)
  echo "You
 seem to have 'fast stdio' to directly manipulate the stdio buffers." >& 4
  val="$define"
  ;;
 esac
 ;;
esac
set d_faststdio
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_faststdio.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_pwritev.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_pwritev.U,v $
?RCS:
?MAKE:d_pwritev: Inlibc
?MAKE: -pick add $@ %<
?S:d_pwritev:
?S: This variable conditionally defines the HAS_PWRITEV symbol, which
?S: indicates to the C program that the pwritev() routine is available.
?S:.
?C:HAS_PWRITEV :
?C: This symbol, if defined, indicates that the pwritev routine is
?C: available to perform vectored writes on a file descriptor at a
?C: given offset.
?C:.
?H:#$d_pwritev HAS_PWRITEV  /**/
?H:.
?LINT:set
 d_pwritev
: see if pwritev exists
set pwritev d_pwritev
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_pwritev.U
No license file was found, but licenses were detected in source scan.

```
case $CONFIG in
")
 if test -f config.sh; then TOP=.;
 elif test -f ../config.sh; then TOP=..;
 elif test -f ../../config.sh; then TOP=../..;
 elif test -f ../../../config.sh; then TOP=../../..;
 elif test -f ../../../../config.sh; then TOP=../../../..;
 else
  echo "Can't find config.sh."; exit 1
 fi
 . $TOP/config.sh
 ;;
esac
case "$0" in
*/*) cd `expr X$0 : 'X\(.*\)/'` ;;
esac
echo "Extracting makedepend (with variable substitutions)"
$spitshell >makedepend <<!GROK!THIS!
$startsh
# $Id: makedepend.sh,v 3.0.1.1 1994/01/24 14:00:05 ram Exp ram $
#
#  Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
#
#  You may redistribute only under the terms of the Artistic Licence,
#  as specified in the README file that comes with the distribution.
#  You may reuse parts of this distribution only within the terms of
#  that same Artistic Licence; a copy of which may be found at the root
#  of the source tree for dist 4.0.
#
#
 Original Author: Larry Wall <lwall@netlabs.com>
#
# $Log: makedepend.sh,v $
# Revision 3.0.1.1  1994/01/24  14:00:05  ram
# patch16: changed top ln-style config.sh lookup into test-style one
#
# Revision 3.0  1993/08/18  12:04:37  ram
# Baseline for dist 3.0 netwide release.
#

export PATH || (echo "OOPS, this isn't sh.  Desperation time.  I will feed myself to sh."; sh \$0; kill \$\$)
```

```
cat='$cat'
cppflags='$cppflags'
cp='$cp'
cpp='$cppstdin'
echo='$echo'
egrep='$egrep'
expr='$expr'
mv='$mv'
rm='$rm'
sed='$sed'
sort='$sort'
test='$test'
tr='$tr'
uniq='$uniq'
!GROK!THIS!

$spitshell >>makedepend <<'!NO!SUBS!'

$cat /dev/null >.deptmp
$rm -f *.c.c c/*.c.c
if test -f Makefile; then
   mf=Makefile
else
   mf=makefile
fi
if test -f $mf; then
   defrule=`<$mf sed -n  \
 -e '/^\.c\.o:.*;/{'  \
 -e    's/\$\*\.c//'  \
 -e    's/^[^;]*;[  ]*//p' \
 -e    q    \
 -e '}'    \
 -e '/^\.c\.o: *$/{'  \
 -e    N    \
 -e    's/\$\*\.c//'  \
 -e    's/^.*\n[  ]*//p'  \
 -e    q    \
 -e '}'`
fi
case
 "$defrule" in
") defrule='$(CC) -c $(CFLAGS)' ;;
esac

make clist || ($echo "Searching for .c files..."; \
 $echo *.c | $tr ' ' '\012' | $egrep -v '\*' >.clist)
gotnone=true
for file in `$cat .clist`; do
```

```
# for file in `cat /dev/null`; do
   case "$file" in
   *.c) filebase=`basename $file .c` ;;
   *.y) filebase=`basename $file .c` ;;
   ")  continue ;;
   esac
   gotnone=false
   $echo "Finding dependencies for $filebase.o."
   $sed -n <$file >$file.c \
 -e "/^${filebase}_init(/q" \
 -e '/^#/{' \
 -e 's|/\*.*$||' \
 -e 's|\\$||' \
 -e p \
 -e '}'
   $cpp -I/usr/local/include -I. $cppflags $file.c | \
   $sed \
 -e '/^# *[0-9]/!d' \
 -e 's/^.*"\(.*\)".*$/'$filebase'.o: \1/' \
 -e 's|: \./|: |' \
 -e 's|\.c\.c|.c|' | \
   $uniq | $sort | $uniq >> .deptmp
done

$sed <Makefile >Makefile.new -e '1,/^# AUTOMATICALLY/!d'

make shlist || ($echo "Searching for .SH files..."; \
 $echo *.SH | $tr ' ' '\012' | $egrep -v '\*' >.shlist)
if $gotnone || $test -s .deptmp; then

  for file in `cat .shlist`; do
 $echo `$expr X$file : 'X\(.*\).SH`: $file config.sh \; \
     /bin/sh $file >> .deptmp
   done
   $echo "Updating Makefile..."
   $echo "# If this runs make out of memory, delete /usr/include lines." \
 >> Makefile.new
   $sed 's|^\(.*\.o:\) *\(.*/.*\.c\) *$|\1 \2; '"$defrule \2|" .deptmp \
      >>Makefile.new
else
   make hlist || ($echo "Searching for .h files..."; \
 $echo *.h | $tr ' ' '\012' | $egrep -v '\*' >.hlist)
   $echo "You don't seem to have a proper C preprocessor.  Using grep instead."
   $egrep '^#include ' `cat .clist` `cat .hlist`  >.deptmp
   $echo "Updating Makefile..."
   <.clist $sed -n       \
 -e '/\//{'       \
 -e   's|^\(.*\)/\(.*\)\.c|\2.o: \1/\2.c; '"$defrule \1/\2.c|p" \
```

```
 -e   d        \
 -e '}'        \
 -e 's|^\(.*\)\.c|\1.o: \1.c|p' >> Makefile.new
   <.hlist $sed -n 's|\(.*/\)\(.*\)|s= \2= \1\2=|p' >.hsed
   <.deptmp $sed -n 's|c:#include "\(.*\)".*$|o: \1|p' | \
      $sed 's|^[^;]*/||' | \
      $sed -f
 .hsed >> Makefile.new
   <.deptmp $sed -n 's|c:#include <\(.*\)>.*$|o: /usr/include/\1|p' \
      >> Makefile.new
   <.deptmp $sed -n 's|h:#include "\(.*\)".*$|h: \1|p' | \
      $sed -f .hsed >> Makefile.new
   <.deptmp $sed -n 's|h:#include <\(.*\)>.*$|h: /usr/include/\1|p' \
      >> Makefile.new
   for file in `$cat .shlist`; do
 $echo `$expr X$file : 'X\(.*\).SH`: $file config.sh \; \
     /bin/sh $file >> Makefile.new
   done
fi
$rm -f Makefile.old
$cp Makefile Makefile.old
$cp Makefile.new Makefile
$rm Makefile.new
$echo "# WARNING: Put nothing here or make depend will gobble it up!" >> Makefile
$rm -f .deptmp `sed 's/\.c/.c.c/' .clist` .shlist .clist .hlist .hsed

!NO!SUBS!
$eunicefix makedepend
chmod +x makedepend
case `pwd` in
*SH)
   $rm -f ../makedepend
   ln makedepend ../makedepend
   ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/makedepend.SH
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_dosuid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Tye McQueen <tye@metronet.com> added safe setuid script checks.
?RCS:
?RCS: $Log: d_dosuid.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  15:33:03  ram
?RCS: patch61: moved unit to TOP via a ?Y: layout directive
?RCS: patch61: tell them /dev/fd is not about floppy disks
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  16:12:08  ram
?RCS: patch36: added checks for secure setuid scripts (Tye McQueen)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:55  ram
?RCS: Baseline for
 dist 3.0 netwide release.
?RCS:
?MAKE:d_dosuid d_suidsafe: cat contains ls rm test Myread Setvar \
 Oldconfig Guess package hint patchlevel
?MAKE: -pick add $@ %<
?S:d_suidsafe:
?S: This variable conditionally defines SETUID_SCRIPTS_ARE_SECURE_NOW
?S: if setuid scripts can be secure.  This test looks in /dev/fd/.
?S:.
?S:d_dosuid:
?S: This variable conditionally defines the symbol DOSUID, which
?S: tells the C program that it should insert setuid emulation code
?S: on hosts which have setuid #! scripts disabled.
?S:.
?C:SETUID_SCRIPTS_ARE_SECURE_NOW:
?C: This symbol, if defined, indicates that the bug that prevents
?C: setuid scripts from being secure is not present in this kernel.
?C:.
?C:DOSUID:
?C: This symbol, if defined, indicates that the C program should
?C: check the script that it is executing for setuid/setgid bits, and
?C: attempt to emulate setuid/setgid on systems that have disabled
?C: setuid #! scripts because the kernel can't do it securely.
?C: It is up to the package
 designer to make sure that this emulation
?C: is done securely.  Among other things, it should do an fstat on
?C: the script it just opened to make sure it really is a setuid/setgid
?C: script, it should make sure the arguments passed correspond exactly
?C: to the argument on the #! line, and it should not trust any
?C: subprocesses to which it must pass the filename rather than the
?C: file descriptor of the script to be executed.
?C:.
?H:#$d_suidsafe SETUID_SCRIPTS_ARE_SECURE_NOW /**/
```

```
?H:#$d_dosuid DOSUID  /**/
?H:.
?Y:TOP
?F:!reflect
?LINT: set d_suidsafe
: see if setuid scripts can be secure
$cat <<EOM

Some kernels have a bug that prevents setuid #! scripts from being
secure.  Some sites have disabled setuid #! scripts because of this.

First let's decide if your kernel supports secure setuid #! scripts.
(If setuid #! scripts would be secure but have been disabled anyway,
don't say that they are secure if asked.)

EOM

val="$undef"
if $test -d /dev/fd; then
 echo "#!$ls" >reflect
 chmod
 +x,u+s reflect
 ./reflect >flect 2>&1
 if $contains "/dev/fd" flect >/dev/null; then
  echo "Congratulations, your kernel has secure setuid scripts!" >&4
  val="$define"
 else
  $cat <<EOM
If you are not sure if they are secure, I can check but I'll need a
username and password different from the one you are using right now.
If you don't have such a username or don't want me to test, simply
enter 'none'.

EOM
  rp='Other username to test security of setuid scripts with?'
  dflt='none'
  . ./myread
  case "$ans" in
  n|none)
   case "$d_suidsafe" in
   ") echo "I'll assume setuid scripts are *not* secure." >&4
    dflt=n;;
   "$undef")
    echo "Well, the $hint value is *not* secure." >&4
    dflt=n;;
   *) echo "Well, the $hint value *is* secure." >&4
    dflt=y;;
   esac
```

```
  ;;
  *)
   $rm -f reflect flect
   echo "#!$ls" >reflect
   chmod +x,u+s reflect
   echo >flect
   chmod a+w flect
   echo '"su" will (probably) prompt you for '"$ans's password."
   su $ans -c './reflect
 >flect'
   if $contains "/dev/fd" flect >/dev/null; then
    echo "Okay, it looks like setuid scripts are secure." >&4
    dflt=y
   else
    echo "I don't think setuid scripts are secure." >&4
    dflt=n
   fi
   ;;
  esac
  rp='Does your kernel have *secure* setuid scripts?'
  . ./myread
  case "$ans" in
  [yY]*) val="$define";;
  *) val="$undef";;
  esac
 fi
else
 echo "I don't think setuid scripts are secure (no /dev/fd directory)." >&4
 echo "(That's for file descriptors, not floppy disks.)"
 val="$undef"
fi
set d_suidsafe
eval $setvar

$rm -f reflect flect

: now see if they want to do setuid emulation
if $test $patchlevel -lt 11; then
echo " "
val="$undef"
case "$d_suidsafe" in
"$define")
 val="$undef"
 echo "No need to emulate SUID scripts since they are secure here." >&4
 ;;
*)
 $cat <<EOM
Some systems have disabled setuid scripts, especially systems where
```

```
setuid scripts cannot be secure.  On systems where setuid scripts have
been disabled, the setuid/setgid bits on scripts are
 currently
useless.  It is possible for $package to detect those bits and emulate
setuid/setgid in a secure fashion.  This emulation will only work if
setuid scripts have been disabled in your kernel.

EOM
 case "$d_dosuid" in
 "$define") dflt=y ;;
 *) dflt=n ;;
 esac
 rp="Do you want to do setuid/setgid emulation?"
 . ./myread
 case "$ans" in
 [yY]*) val="$define";;
 *) val="$undef";;
 esac
 ;;
esac
set d_dosuid
eval $setvar
else
   case "$d_dosuid" in
 "$define")
 cat >&4 <<EOH

SUID emulation has been removed for 5.12
Please re-run Configure without -Dd_dosuid

EOH
 exit 1;
 ;;
   esac
   d_dosuid=undef
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_dosuid.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
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```

```
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: usenm.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  16:26:40  ram
?RCS: patch61: don't use nm with the GNU C library
?RCS: patch61: added support for Linux shared libs
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:57  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:usenm runnm nm_opt nm_so_opt: cat test Myread Oldconfig grep \
 d_gnulibc nm egrep rsrc osname Guess
?MAKE: -pick add $@ %<
?S:usenm:
?S: This variable contains 'true' or 'false' depending whether the
?S: nm extraction is wanted
 or not.
?S:.
?S:runnm:
?S: This variable contains 'true' or 'false' depending whether the
?S: nm extraction should be performed or not, according to the value
?S: of usenm and the flags on the Configure command line.
?S:.
?S:nm_opt:
?S: This variable holds the options that may be necessary for nm.
?S:.
?S:nm_so_opt:
?S: This variable holds the options that may be necessary for nm
?S: to work on a shared library but that can not be used on an
?S: archive library.  Currently, this is only used by Linux, where
?S: nm --dynamic is *required* to get symbols from an ELF library which
?S: has been stripped, but nm --dynamic is *fatal* on an archive library.
?S: Maybe Linux should just always set usenm=false.
?S:.
: see if nm is to be used to determine whether a symbol is defined or not
?X: If there is enough inquiries, it might be worth to wait for the nm
?X: extraction. Otherwise, the C compilations might be a better deal.
?X:
?X: Don't bother if we're using GNU libc -- skimo
case "$usenm"
 in
")
 dflt="
 case "$d_gnulibc" in
 "$define")
  echo " "
```

```
 echo "$nm probably won't work on the GNU C Library." >&4
 dflt=n
 ;;
esac
case "$dflt" in
")
 if $test "$osname" = aix -a ! -f /lib/syscalls.exp; then
  echo " "
  echo "Whoops!  This is an AIX system without /lib/syscalls.exp!" >&4
  echo "'nm' won't be sufficient on this system." >&4
  dflt=n
 fi
 ;;
esac
case "$dflt" in
")
 if ./gnu; then
  echo " "
  echo "Hmm...  A GNU system without a GNU C Library?  Weird..." >&4
  dflt=n
 else
  dflt=`$egrep 'inlibc|csym' $rsrc/Configure | wc -l 2>/dev/null`
  if $test $dflt -gt 20; then
   dflt=y
  else
   dflt=n
  fi
 fi
 ;;
esac
;;
*)
 case "$usenm" in
 true|$define) dflt=y;;
 *) dflt=n;;
 esac
 ;;
esac
$cat <<EOM

I can use $nm to extract the symbols from your C libraries. This
is a time consuming task which may generate huge output on the disk (up
to 3 megabytes) but that should make the symbols extraction faster. The
alternative is to skip the
 'nm' extraction part and to compile a small
test program instead to determine whether each symbol is present. If
you have a fast C compiler and/or if your 'nm' output cannot be parsed,
this may be the best solution.
```

```
EOM
rp='Shall I use nm to extract C symbols from the libraries?'
. ./myread
case "$ans" in
[Nn]*) usenm=false;;
*) usenm=true;;
esac

?X: Name extraction is to be run if 'nm' usage is wanted and if no -r flag
?X: was provided to configure (in which case we simply re-use the previous
?X: values).
runnm=$usenm
case "$reuseval" in
true) runnm=false;;
esac

: nm options which may be necessary
case "$nm_opt" in
") if $test -f /mach_boot; then
  nm_opt="  # Mach
 elif $test -d /usr/ccs/lib; then
  nm_opt='-p'  # Solaris (and SunOS?)
 elif $test -f /dgux; then
  nm_opt='-p'  # DG-UX
 elif $test -f /lib64/rld; then
  nm_opt='-p'  # 64-bit Irix
 else
  nm_opt="
 fi;;
esac

?X: nm options which may be necessary for shared libraries but illegal
?X: for archive libraries.  Thank you,
 Linux.
case "$nm_so_opt" in
") case "$osname" in
 *linux*)
  if $nm --help | $grep 'dynamic' > /dev/null 2>&1; then
   nm_so_opt='--dynamic'
  fi
  ;;
 esac
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/dist/U/usenm.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_getespwnam: Inlibc
?MAKE: -pick add $@ %<
?S:d_getespwnam:
?S: This variable conditionally defines HAS_GETESPWNAM if getespwnam() is
?S: available to retrieve enhanced (shadow) password entries by name.
?S:.
?C:HAS_GETESPWNAM:
?C: This symbol, if defined, indicates that the getespwnam system call is
?C: available to retrieve enhanced (shadow) password entries by name.
?C:.
?H:#$d_getespwnam HAS_GETESPWNAM  /**/
?H:.
?LINT:set d_getespwnam
: see if getespwnam exists
set getespwnam d_getespwnam
eval $inlibc
```

Found in
 path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getespwnam.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Unix.U,v 3.0.1.1 1997/02/28 15:20:06 ram Exp $
?RCS:
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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: Unix.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  15:20:06  ram
```

```
?RCS: patch61: created
?RCS:
?X:
?X: The purpose of this unit is to define things that are common across all
?X: known UNIX platforms. If Configure is ported/used on a non-UNIX
?X: environment, then some of the following variables can be redefined in hint
?X: files.
?X:
?MAKE:Unix _exe _a _o exe_ext lib_ext obj_ext path_sep \
 firstmakefile archobjs rm_try: Oldconfig rm
?MAKE: -pick add $@ %<
?S:_exe:
?S: This
 variable defines the extension used for executable files.
?S: DJGPP, Cygwin and OS/2 use '.exe'.  Stratus VOS uses '.pm'.
?S: On operating systems which do not require a specific extension
?S: for executable files, this variable is empty.
?S:.
?S:_a:
?S: This variable defines the extension used for ordinary library files.
?S: For unix, it is '.a'.  The '.' is included.  Other possible
?S: values include '.lib'.
?S:.
?S:_o:
?S: This variable defines the extension used for object files.
?S: For unix, it is '.o'.  The '.' is included.  Other possible
?S: values include '.obj'.
?S:.
?S:firstmakefile:
?S: This variable defines the first file searched by make.  On unix,
?S: it is makefile (then Makefile).  On case-insensitive systems,
?S: it might be something else.  This is only used to deal with
?S: convoluted make depend tricks.
?S:.
?S:archobjs:
?S: This variable defines any additional objects that must be linked
?S: in with the program on this architecture.  On unix, it is usually
?S: empty.
  It is typically used to include emulations of unix calls
?S: or other facilities.  For perl on OS/2, for example, this would
?S: include os2/os2.obj.
?S:.
?X: Metaconfig's Obsolete symbol stuff is too over-eager.  In the
?X: perl sources, it picks up things like "P" and "FLOCK" that are
?X: not used in the way Metaconfig thinks they are.  Thus I can't
?X: just declare these obsolete and then run metaconfig -o.
?X: Instead, I'll just handle them here.
?X: Sadly, history has conspired to give us a web of definitions;
```

```
?X: this could have been much simpler.
?S:lib_ext:
?S: This is an old synonym for _a.
?S:.
?S:exe_ext:
?S: This is an old synonym for _exe.
?S:.
?S:obj_ext:
?S: This is an old synonym for _o.
?S:.
?S:path_sep:
?S: This is an old synonym for p_ in Head.U, the character
?S: used to separate elements in the command shell search PATH.
?S:.
?S:rm_try:
?S: This is a cleanup variable for try test programs.
?S: Internal Configure use only.
?S:.
?LINT: change p_
?INIT::
 Trailing extension.  Override this in a hint file, if needed.
?INIT:: Extra object files, if any, needed on this platform.
?INIT:archobjs="
: Define several unixisms.
: Hints files or command line option can be used to override them.
: The convoluted testing is in case hints files set either the old
: or the new name.
case "$_exe" in
") case "$exe_ext" in
 ") ;;
 *) _exe="$exe_ext" ;;
 esac
 ;;
esac
case "$_a" in
") case "$lib_ext" in
   ") _a='.a';;
 *) _a="$lib_ext" ;;
 esac
 ;;
esac
case "$_o" in
") case "$obj_ext" in
 ") _o='.o';;
 *) _o="$obj_ext";;
 esac
 ;;
esac
```

```
case "$p_" in
") case "$path_sep" in
 ") p_=':';;
 *) p_="$path_sep";;
 esac
 ;;
esac
exe_ext=$_exe
lib_ext=$_a
obj_ext=$_o
path_sep=$p_

rm_try="$rm -f try try$_exe a.out .out try.[cho] try.$_o core core.try* try.core*"

@if firstmakefile
: Which makefile gets called first.  This is used by make depend.
case "$firstmakefile" in
") firstmakefile='makefile';;
esac

@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Unix.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_alarm.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_alarm.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:06:58  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_alarm: Inlibc
?MAKE: -pick add $@ %<
?S:d_alarm:
?S: This variable conditionally defines the HAS_ALARM symbol, which
?S: indicates to the C program that the alarm() routine is available.
```

```
?S:.
?C:HAS_ALARM :
?C: This symbol, if defined, indicates that the alarm routine is
?C: available.
?C:.
?H:#$d_alarm
 HAS_ALARM  /**/
?H:.
?LINT:set d_alarm
: see if alarm exists
set alarm d_alarm
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_alarm.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getgrps.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_getgrps.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:08  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_getgrps: Inlibc
?MAKE: -pick add $@ %<
?S:d_getgrps:
?S: This variable conditionally defines the HAS_GETGROUPS symbol, which
?S: indicates to the C program that the getgroups() routine is available
?S: to get the list of process groups.
?S:.
?C:HAS_GETGROUPS (GETGROUPS):
?C: This symbol, if defined, indicates that the getgroups()
 routine is
?C: available to get the list of process groups.  If unavailable, multiple
?C: groups are probably not supported.
?C:.
?H:#$d_getgrps HAS_GETGROUPS  /**/
?H:.
?LINT:set d_getgrps
```

```
: see if getgroups exists
set getgroups d_getgrps
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_getgrps.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_psignal.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_psignal.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:49  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_psignal: Inlibc
?MAKE: -pick add $@ %<
?S:d_psignal:
?S: This variable conditionally defines the HAS_PSIGNAL symbol, which
?S: indicates that the psignal() routine exists.  The psignal() routine
?S: prints a description of a signal on the standard error output.
?S:.
?C:HAS_PSIGNAL (PSIGNAL):
?C: This symbol, if defined, indicates
 that the psignal() routine exists.
?C:.
?H:#$d_psignal HAS_PSIGNAL  /**/
?H:.
?LINT:set d_psignal
: see if psignal exists
set psignal d_psignal
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_psignal.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
```

```
?RCS: Copyright (c) 1998, Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:i_machcthr: Inhdr usethreads
?MAKE: -pick add $@ %<
?S:i_machcthr:
?S: This variable conditionally defines the I_MACH_CTHREADS symbol,
?S: and indicates whether a C program should include <mach/cthreads.h>.
?S:.
?C:I_MACH_CTHREADS:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <mach/cthreads.h>.
?C:.
?H:#$i_machcthr   I_MACH_CTHREADS /**/
?H:.
: see if mach cthreads are available
if test "X$usethreads" = "X$define"; then
 set mach/cthreads.h i_machcthr
 eval $inhdr
else
 i_machcthr="$undef"
fi
```

Found
 in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/i_machcthr.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: libc.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: libc.U,v $
?RCS: Revision 3.0.1.10  1997/02/28  15:56:48  ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS: patch61: added support for HPUX-10 nm output
```

```
?RCS:
?RCS: Revision 3.0.1.9  1995/07/25  14:11:56  ram
?RCS: patch56: now knows about OS/2 platforms
?RCS:
?RCS: Revision 3.0.1.8  1995/05/12  12:20:47  ram
?RCS: patch54: made sure only most recent version of shared lib is picked
?RCS: patch54: final "nm -p" check now uses xscan and xrun
 like everybody
?RCS: patch54: can now grok Linux nm output with lead __IO (ADO)
?RCS: patch54: added support for Linux ELF output, using 'W' for alias (ADO)
?RCS:
?RCS: Revision 3.0.1.7  1994/10/29  16:23:40  ram
?RCS: patch36: now looks for shared libraries before anything else (ADO)
?RCS: patch36: added new nm output format (ADO)
?RCS:
?RCS: Revision 3.0.1.6  1994/08/29  16:28:10  ram
?RCS: patch32: added I-type symbols for nm output parsing on Linux
?RCS:
?RCS: Revision 3.0.1.5  1994/06/20  07:03:24  ram
?RCS: patch30: checks are now presented by succession of if/elif
?RCS: patch30: uniformized checks for shared objects with new so symbol
?RCS:
?RCS: Revision 3.0.1.4  1994/05/06  15:06:33  ram
?RCS: patch23: added shared library knowledge (ADO and WED)
?RCS:
?RCS: Revision 3.0.1.3  1994/01/24  14:12:17  ram
?RCS: patch16: can now export nm_extract as an internal-use only variable
?RCS:
?RCS: Revision 3.0.1.2  1993/09/13  16:09:03  ram
?RCS: patch10: added special handling for Apollo
 systems (WAD)
?RCS:
?RCS: Revision 3.0.1.1  1993/08/27  14:40:03  ram
?RCS: patch7: added entry for /usr/shlib/libc.so (OSF/1 machines)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:08:57  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:libc +nm_extract: echo n c rm test grep Getfile Myread Oldconfig Loc \
 sed libs incpath libpth ar runnm nm nm_opt nm_so_opt contains xlibpth \
 so _a _o osname trnl tr sort uniq sysroot
?MAKE: -pick add $@ %<
?S:libc:
?S: This variable contains the location of the C library.
?S:.
?S:nm_extract:
?S: This variable holds the name of the extraction command used to process
?S: the output of nm and yield the list of defined symbols. It is used
```

```
?S: internally by Configure.
?S:.
?T:thislib try libnames xxx xscan xrun thisname com tans file
?F:!libnames !libc.tmp !tmp.imp
?LINT:extern PASE
?LINT:extern libnames
?LINT:change nm_opt
?INIT:libnames=''
: Figure out where the libc is located
case "$runnm" in
true)
?X: indentation is wrong on purpose--RAM
:
 get list of predefined functions in a handy place
echo " "
case "$libc" in
'') libc=unknown
 case "$libs" in
 *-lc_s*) libc=`./loc libc_s$_a $libc $libpth`
 esac
 ;;
esac
case "$libs" in
'') ;;
*)  for thislib in $libs; do
 case "$thislib" in
 -lc|-lc_s)
  : Handle C library specially below.
  ;;
 -l*)
  thislib=`echo $thislib | $sed -e 's/^-l//'`
  if try=`./loc lib$thislib.$so.'*' X $libpth`; $test -f "$try"; then
   :
  elif try=`./loc lib$thislib.$so X $libpth`; $test -f "$try"; then
   :
  elif try=`./loc lib$thislib$_a X $libpth`; $test -f "$try"; then
   :
  elif try=`./loc $thislib$_a X $libpth`; $test -f "$try"; then
   :
  elif try=`./loc lib$thislib X $libpth`; $test -f "$try"; then
   :
  elif try=`./loc $thislib X $libpth`; $test -f "$try"; then
   :
  elif try=`./loc Slib$thislib$_a X $xlibpth`; $test -f "$try"; then
   :
  else
   try=''
  fi
```

```
  libnames="$libnames $try"
  ;;
 *) libnames="$libnames $thislib" ;;
 esac
 done
 ;;
esac
?X:
?X: Some systems (e.g. DG/UX) use
 "environmental" links, which make the test
?X: -f fail. Ditto for symbolic links. So in order to reliably check the
?X: existence of a file, we use test -r. It will still fail with DG/UX links
?X: though, but at least it will detect symbolic links. At some strategic
?X: points, we make use of (test -h), using a sub-shell in case builtin test
?X: does not implement the -h check for symbolic links. This makes it
?X: possible to preset libc in a hint file for instance and have it show up
?X: as-is in the question.
?X:
xxx=normal
case "$libc" in
unknown)
?X:
?X: The sed below transforms .so.9 .so.12 into something like .so.0009 .so.0012,
?X: then sorts on it to allow keeping .so.12 instead of .so.9 as the latest
?X: up-to-date library. The initial filename (before sed munging, saved in hold
?X: space via 'h') is appended via 'G' before sorting, then the leading munged
?X: part is removed after sorting. Nice efficient work from Tye McQueen.
?X: The initial blurfl is here to prevent the trailing
 pipe from producing an
?X: empty string, causing Configure to output all its set variables!
?X:
 set /lib/libc.$so
 for xxx in $libpth; do
  $test -r $1 || set $xxx/libc.$so
  : The messy sed command sorts on library version numbers.
  $test -r $1 || \
   set `echo blurfl; echo $xxx/libc.$so.[0-9]* | \
   tr ' ' $trnl | egrep -v '\.[A-Za-z]*$' | $sed -e '
    h
    s/[0-9][0-9]*/0000&/g
    s/0*\([0-9][0-9][0-9][0-9][0-9]\)/\1/g
    G
    s/\n/ /' | \
    $sort | $sed -e 's/^.* //'`
  eval set \$$#
 done
 $test -r $1 || set $sysroot/usr/ccs/lib/libc.$so
 $test -r $1 || set $sysroot/lib/libsys_s$_a
```

```
 ;;
*)
?X: ensure the test below for the (shared) C library will fail
 set blurfl
 ;;
esac
if $test -r "$1"; then
 echo "Your (shared) C library seems to be in $1."
 libc="$1"
elif $test -r /lib/libc && $test -r /lib/clib; then
?X:
?X: Apollo has its C library in /lib/clib AND /lib/libc
?X: not to mention its math library in /lib/syslib...
?X:
 echo "Your C library seems to be in both /lib/clib
 and /lib/libc."
 xxx=apollo
 libc='/lib/clib /lib/libc'
 if $test -r /lib/syslib; then
  echo "(Your math library is in /lib/syslib.)"
?X: Put syslib in libc -- not quite right, but won't hurt
  libc="$libc /lib/syslib"
 fi
elif $test -r "$libc" || (test -h "$libc") >/dev/null 2>&1; then
 echo "Your C library seems to be in $libc, as you said before."
?X: For mips, and...
elif $test -r $incpath/usr/lib/libc$_a; then
 libc=$incpath/usr/lib/libc$_a;
 echo "Your C library seems to be in $libc.  That's fine."
elif $test -r /lib/libc$_a; then
 libc=/lib/libc$_a;
 echo "Your C library seems to be in $libc.  You're normal."
else
 if tans=`./loc libc$_a blurfl/dyick $libpth`; $test -r "$tans"; then
  :
 elif tans=`./loc libc blurfl/dyick $libpth`; $test -r "$tans"; then
  libnames="$libnames "`./loc clib blurfl/dyick $libpth`
 elif tans=`./loc clib blurfl/dyick $libpth`; $test -r "$tans"; then
  :
 elif tans=`./loc Slibc$_a blurfl/dyick $xlibpth`; $test -r "$tans"; then
  :
 elif tans=`./loc
 Mlibc$_a blurfl/dyick $xlibpth`; $test -r "$tans"; then
  :
 else
  tans=`./loc Llibc$_a blurfl/dyick $xlibpth`
 fi
 if $test -r "$tans"; then
```

```
  echo "Your C library seems to be in $tans, of all places."
  libc=$tans
 else
  libc='blurfl'
 fi
fi
if $test $xxx = apollo -o -r "$libc" || (test -h "$libc") >/dev/null 2>&1; then
 dflt="$libc"
 cat <<EOM

If the guess above is wrong (which it might be if you're using a strange
compiler, or your machine supports multiple models), you can override it here.

EOM
else
 dflt=''
 echo $libpth | $tr ' ' $trnl | $sort | $uniq > libpath
 cat >&4 <<EOM
I can't seem to find your C library.  I've looked in the following places:

EOM
 $sed 's/^/ /' libpath
 cat <<EOM

None of these seems to contain your C library. I need to get its name...

EOM
fi
fn=f
rp='Where is your C library?'
. ./getfile
libc="$ans"

echo " "
echo $libc $libnames | $tr ' ' $trnl | $sort | $uniq > libnames
set X `cat libnames`
shift
xxx=files
case $# in 1) xxx=file; esac
echo
 "Extracting names from the following $xxx for later perusal:" >&4
echo " "
$sed 's/^/ /' libnames >&4
echo " "
$echo $n "This may take a while...$c" >&4

?X:
?X: Linux may need the special Dynamic option to nm for shared libraries.
```

```
?X: In general, this is stored in the nm_so_opt variable.
?X: Unfortunately, that option may be fatal on non-shared libraries.
?X:
for file in $*; do
 case $file in
 *$so*) $nm $nm_so_opt $nm_opt $file 2>/dev/null;;
 *) $nm $nm_opt $file 2>/dev/null;;
 esac
done >libc.tmp

$echo $n ".$c"
?X:
?X: To accelerate processing, we look at the correct 'sed' command
?X: by using a small subset of libc.tmp, i.e. fprintf function.
?X: When we know which sed command to use, do the name extraction
?X:
$grep fprintf libc.tmp > libc.ptf
?X:
?X: In order to enhance readability and save some space, we define
?X: some variables that will be "eval"ed.
?X:
xscan='eval "<libc.ptf $com >libc.list"; $echo $n ".$c" >&4'
xrun='eval "<libc.tmp $com >libc.list"; echo "done." >&4'
?X:
 BSD-like output, I and W types added for Linux
?X: Some versions of Linux include a leading __IO in the symbol name.
?X: HP-UX 10 reportedly has trailing spaces, though I'm surprised it has
?X: BSD-like output.  (AD).
?X: GNU extension: i is "indirect function"
xxx='[ADTSIWi]'
if com="$sed -n -e 's/__IO//' -e 's/^.* $xxx  *//p'";\
 eval $xscan;\
 $contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
?X: SYSV-like output
elif com="$sed -n -e 's/^__*//' -e 's/^\([a-zA-Z_0-9$]*\).*xtern.*/\1/p'";\
 eval $xscan;\
 $contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
elif com="$sed -n -e '/|UNDEF/d' -e '/FUNC..GL/s/^.*|__*//p'";\
 eval $xscan;\
 $contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
elif com="$sed -n -e 's/^.* D __*//p' -e 's/^.* D //p'";\
 eval $xscan;\
 $contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
elif com="$sed -n -e 's/^_//' -e 's/^\([a-zA-Z_0-9]*\).*xtern.*text.*/\1/p'";\
```

```
 eval $xscan;\
 $contains '^fprintf$'
 libc.list >/dev/null 2>&1; then
  eval $xrun
elif com="$sed -n -e 's/^.*|FUNC |GLOB .*|//p'";\
 eval $xscan;\
 $contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
elif com="$grep '|' | $sed -n -e '/|COMMON/d' -e '/|DATA/d' \
    -e '/ file/d' -e 's/^\([^  ]*\).*/\1/p'";\
 eval $xscan;\
 $contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
elif com="$sed -n -e 's/^.*|FUNC |GLOB .*|//p' -e 's/^.*|FUNC |WEAK .*|//p'";\
 eval $xscan;\
 $contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
?X: mips nm output (sysV)
elif com="$sed -n -e 's/^__//' -e '/|Undef/d' -e '/|Proc/s/ .*//p'";\
 eval $xscan;\
 $contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
elif com="$sed -n -e 's/^.*|Proc .*|Text *| *//p'";\
 eval $xscan;\
 $contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
elif com="$sed -n -e '/Def. Text/s/.* \([^ ]*\)\$/\1/p'";\
 eval $xscan;\
 $contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
?X: OS/2
 nm output
elif com="$sed -n -e 's/^[-0-9a-f ]*_\(.*\)=.*/\1/p'";\
 eval $xscan;\
 $contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
elif com="$sed -n -e 's/.*\.text n\ \ \ \.//p'";\
 eval $xscan;\
 $contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
?X: AIX nm output
elif com="sed -n -e 's/^__.*//' -e 's/[       ]*D[    ]*[0-9]*.*//p'";\
 eval $xscan;\
 $contains '^fprintf$' libc.list >/dev/null 2>&1; then
  eval $xrun
else
 $nm -p $* 2>/dev/null >libc.tmp
 $grep fprintf libc.tmp > libc.ptf
```

```
if com="$sed -n -e 's/^.* [ADTSIW]  *_[_.]*//p' -e 's/^.* [ADTSIW] //p'";\
 eval $xscan; $contains '^fprintf$' libc.list >/dev/null 2>&1
then
 nm_opt='-p'
 eval $xrun
else
 echo " "
 echo "$nm didn't seem to work right. Trying $ar instead..." >&4
 com="
 if $ar t $libc > libc.tmp && \
  $contains '^fprintf$' libc.tmp >/dev/null 2>&1
 then
  for thisname in $libnames $libc; do
   $ar t $thisname >>libc.tmp
  done
  $sed -e "s/\\$_o\$//" < libc.tmp > libc.list
  echo
"Ok." >&4
 elif test "X$osname" = "Xos2" && $ar tv $libc > libc.tmp; then
?X: Repeat libc to extract forwarders to DLL entries too
  for thisname in $libnames $libc; do
   $ar tv $thisname >>libc.tmp
?X: Revision 50 of EMX has bug in ar: it will not extract forwarders
?X: to DLL entries.  Use emximp which will extract exactly them.
   emximp -o tmp.imp $thisname \
       2>/dev/null && \
       $sed -e 's/^\([_a-zA-Z0-9]*\) .*$/\1/p' \
       < tmp.imp >>libc.tmp
   $rm -f tmp.imp
  done
  $sed -e "s/\\$_o\$//" -e 's/^ \+//' < libc.tmp > libc.list
  echo "Ok." >&4
 else
  echo "$ar didn't seem to work right." >&4
  echo "Maybe this is a Cray...trying bld instead..." >&4
  if  bld t $libc | \
   $sed -e 's/.*\///' -e "s/\\$_o:.*\$//" > libc.list &&
   $test -s libc.list
  then
   for thisname in $libnames; do
    bld t $libnames | \
    $sed -e 's/.*\///' -e "s/\\$_o:.*\$//" >>libc.list
    $ar t $thisname >>libc.tmp
   done
   echo "Ok." >&4
  else
   echo
```

```
 "That didn't work either.  Giving up." >&4
    exit 1
   fi
  fi
 fi
fi
nm_extract="$com"
case "$PASE" in
define)
   echo " "
   echo "Since you are compiling for PASE, extracting more symbols from libc.a ...">&4
   dump -Tv /lib/libc.a | awk '$7 == "/unix" {print $5 " " $8}' | grep "^SV" | awk '{print $2}' >> libc.list
   ;;
*)  if $test -f /lib/syscalls.exp; then
 echo " "
 echo "Also extracting names from /lib/syscalls.exp for good ole AIX..." >&4
 $sed -n 's/^\([^  ]*\)[  ]*syscall[0-9]*[  ]*$/\1/p' \
  /lib/syscalls.exp >>libc.list
   fi
   ;;
esac
;;
esac
$rm -f libnames libpath
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/libc.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_rmdir.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_rmdir.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:56  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_rmdir: Inlibc
?MAKE: -pick add $@ %<
?S:d_rmdir:
?S: This variable conditionally defines HAS_RMDIR if rmdir() is
```

```
?S: available to remove directories.
?S:.
?C:HAS_RMDIR (RMDIR):
?C: This symbol, if defined, indicates that the rmdir routine is
?C: available to remove directories. Otherwise you should fork off a
?C: new process to exec
 /bin/rmdir.
?C:.
?H:#$d_rmdir HAS_RMDIR  /**/
?H:.
?LINT:set d_rmdir
: see if rmdir exists
set rmdir d_rmdir
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_rmdir.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: locdist.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: locdist.U,v $
?RCS: Revision 3.0.1.1  1994/05/06  15:09:20  ram
?RCS: patch23: added support for multi-state regions (WED)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:06  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:locdist orgdist citydist statedist multistatedist cntrydist contdist: \
 test newslibexp cat Myread Oldconfig
?MAKE: -pick add $@ %<
?S:locdist:
?S: This variable contains the eventual value of the LOCDIST symbol,
?S: which
 is the local organization's distribution name for news.
?S:.
?S:orgdist:
?S: This variable contains the eventual value of the ORGDIST symbol,
?S: which is the organization's distribution name for news.
```

?S:.
?S:citydist:
?S: This variable contains the eventual value of the CITYDIST symbol,
?S: which is the city's distribution name for news.
?S:.
?S:statedist:
?S: This variable contains the eventual value of the STATEDIST symbol,
?S: which is the state's or province's distribution name for news.
?S:.
?S:multistatedist:
?S: This variable contains the eventual value of the MULTISTATEDIST symbol,
?S: which is the news distribution code for multi-state region.
?S:.
?S:cntrydist:
?S: This variable contains the eventual value of the CNTRYDIST symbol,
?S: which is the country's distribution name for news.
?S:.
?S:contdist:
?S: This variable contains the eventual value of the CONTDIST symbol,
?S: which is the continent's distribution name for news.
?S:.
?C:LOCDIST:
?C: This symbol contains the
distribution name for the news system that
?C: restricts article distribution to the local organization.
?C:.
?C:ORGDIST:
?C: This symbol contains the distribution name for the news system that
?C: restricts article distribution to the organization.
?C:.
?C:CITYDIST:
?C: This symbol contains the distribution name for the news system that
?C: restricts article distribution to the city.
?C:.
?C:STATEDIST:
?C: This symbol contains the distribution name for the news system that
?C: restricts article distribution to the state or province.
?C:.
?C:MULTISTATEDIST:
?C: This symbol contains the distribution name for the news system that
?C: restricts article distribution to a multi-state region.
?C:.
?C:CNTRYDIST:
?C: This symbol contains the distribution name for the news system that
?C: restricts article distribution to the country.
?C:.
?C:CONTDIST:
?C: This symbol contains the distribution name for the news system that

```
?C: restricts article distribution to the continent.
?C:.
?H:#define LOCDIST
 "$locdist"  /**/
?H:#define ORGDIST "$orgdist"  /**/
?H:#define CITYDIST "$citydist"  /**/
?H:#define MULTISTATEDIST "$multistatedist" /**/
?H:#define STATEDIST "$statedist"  /**/
?H:#define CNTRYDIST "$cntrydist"  /**/
?H:#define CONTDIST "$contdist"  /**/
?H:.
: get the local distributions
$cat <<'EOH'

Distribution groups are the things you use on the Distribution line to limit
where an article will go to.  You are likely to be a member of several
distribution groups, such as organization, city, state, province, country,
continent, etc.  For example, Los Angeles has the distribution code "la",
New Jersey has the code "nj", and Europe has the code "eunet".

The categories you will be asked are:

local organization (Could be just one machine or a cluster or an office)
organization  att, dec, kgb, ...
city   la, ny, mosc, ...
state/province  ca, nj, bc, ...
multi-state region pnw, ne, ...
country   usa, can, rok, whatever
continent  na (North America), asia, etc.

EOH
if $test
 -f $newslibexp/distributions; then
 case "$silent" in
 true) ;;
 *) dflt='Hit return to continue'
  rp=''
  . ./myread
  ;;
 esac
 echo "Here is your distributions file:" >&4
 echo " " >&4
 $cat >&4 $newslibexp/distributions
 echo " " >&4
fi
echo "Use 'none' for any distributions you don't have."
echo " "
case "$locdist" in
```

```
") dflt="none";;
*)  dflt="$locdist";;
esac
rp="What is the distribution code for your local organization?"
. ./myread
locdist="$ans"
case "$orgdist" in
") dflt="none";;
*)  dflt="$orgdist";;
esac
rp="What is the distribution code for your organization?"
. ./myread
orgdist="$ans"
case "$citydist" in
") dflt="none";;
*)  dflt="$citydist";;
esac
rp="What is the distribution code for your city?"
. ./myread
citydist="$ans"
case "$statedist" in
") dflt="none";;
*)  dflt="$statedist";;
esac
rp="What is the distribution code for your state/province?"
. ./myread
statedist="$ans"
case "$multistatedist" in
") dflt="none";;
*) dflt="$multistatedist";;
esac
rp="What is the
 distribution code for your multi-state region?"
. ./myread
multistatedist="$ans"
case "$cntrydist" in
") dflt="none";;
*)  dflt="$cntrydist";;
esac
rp="What is the distribution code for your country?"
. ./myread
cntrydist="$ans"
case "$contdist" in
") dflt="none";;
*)  dflt="$contdist";;
esac
rp="What is the distribution code for your continent?"
. ./myread
```

```
contdist="$ans"
$cat <<'EOM'

If you have any other distribution groups you will need to edit Pnews
and newsetup to add them.
EOM
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/locdist.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Extract.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  14:58:52  ram
?RCS: patch61: added support for src.U
?RCS:
?RCS: Revision 3.0.1.1  1994/10/29  15:51:46  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0  1993/08/18  12:04:52  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit produces a shell script which can be doted in order to extract
?X: .SH files with variable substitutions.
?X:
?X: When running Configure from a remote directory ($src
 is not '.'),
?X: then the files will be created in that directory, so beware!
?X:
?MAKE:Extract: Mkdirp src
?MAKE: -pick add $@ %<
?F:./extract
?T:CONFIG SRC dir file
: script used to extract .SH files with variable substitutions
cat >extract <<EOS
CONFIG=true
SRC="$src"
```

```
EOS
cat >>extract <<'EOS'
echo "Doing variable substitutions on .SH files..."
if test -f "$SRC/MANIFEST"; then
 set x `awk '{print $1}' <$SRC/MANIFEST | grep '\.SH'`
else
 echo "(Looking for .SH files under the source directory.)"
 set x `(cd "$SRC"; find . -name "*.SH" -print)`
fi
shift
case $# in
0) set x `(cd "$SRC"; echo *.SH)`; shift;;
esac
if test ! -f "$SRC/$1"; then
 shift
fi
for file in $*; do
 case "$SRC" in
 ".")
  case "$file" in
  */*)
   dir=`expr X$file : 'X\(.*\)/'`
   file=`expr X$file : 'X.*/\(.*\)'`
   (cd $dir && . ./$file)
   ;;
  *)
   . ./$file
   ;;
  esac
  ;;
 *)
?X:
?X: When running Configure remotely ($src is not '.'), we cannot source
?X: the files directly, since that would wrongly cause
 the extraction
?X: where the source lie instead of withing the current directory. Therefore,
?X: we need to 'sh <file' then, which is okay since they will source the
?X: existing config.sh file. It's not possible to use:
?X:  ../src/Configure -S -O -Dsomething
?X: unfortunately since no new config.sh with the -Dsomething override
?X: will be created before running the .SH files. A minor buglet.
?X:
?X: Note that we must create the directory hierarchy ourselves if it does
?X: not exist already, and that is done through a shell emulation of the
?X: 'mkdir -p' command. We don't want to use the $installdir metaconfig
?X: symbol here since that would require too much to be configured for
?X: this simple extraction task that may happen quickly with 'Configure -S'.
?X:  -- RAM, 18/03/96
```

```
?X:
  case "$file" in
  */*)
   dir=`expr X$file : 'X\(.*\)/'`
   file=`expr X$file : 'X.*/\(.*\)'`
   ./mkdirp $dir
   sh <"$SRC/$dir/$file"
   ;;
  *)
   sh <"$SRC/$file"
   ;;
  esac
  ;;
 esac
done
if
 test -f "$SRC/config_h.SH"; then
 if test ! -f config.h; then
?X: oops, they left it out of MANIFEST, probably, so do it anyway.
  sh <"$SRC/config_h.SH"
 fi
fi
EOS
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Extract.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_statfs_f_flags: \
 Hasfield i_sysparam i_sysmount i_systypes \
 i_sysvfs i_sysstatfs Setvar d_statfs_s
?MAKE: -pick add $@ %<
?S:d_statfs_f_flags:
?S: This variable conditionally defines the HAS_STRUCT_STATFS_F_FLAGS
?S: symbol, which indicates to struct statfs from has f_flags member.
?S: This kind of struct statfs is coming from sys/mount.h (BSD),
?S: not from sys/statfs.h (SYSV).
?S:.
?C:HAS_STRUCT_STATFS_F_FLAGS:
?C: This symbol, if defined, indicates that the struct statfs
```

```
?C: does have the f_flags member containing the mount flags of
?C: the filesystem containing the file.
?C: This kind of struct statfs is coming from <sys/mount.h> (BSD 4.3),
?C: not from <sys/statfs.h> (SYSV).  Older BSDs
 (like Ultrix) do not
?C: have statfs() and struct statfs, they have ustat() and getmnt()
?C: with struct ustat and struct fs_data.
?C:.
?H:#$d_statfs_f_flags HAS_STRUCT_STATFS_F_FLAGS  /**/
?H:.
?LINT:set d_statfs_f_flags
: see if struct statfs knows about f_flags
case "$d_statfs_s" in
define)
 echo " "
 echo "Checking to see if your struct statfs has f_flags field..." >&4
 set d_statfs_f_flags statfs f_flags $i_systypes sys/types.h $i_sysparam sys/param.h $i_sysmount sys/mount.h
$i_sysvfs sys/vfs.h $i_sysstatfs sys/statfs.h
 eval $hasfield
 ;;
*) val="$undef"
 set d_statfs_f_flags
 eval $setvar
 ;;
esac
case "$d_statfs_f_flags" in
"$define")      echo "Yes, it does."   ;;
*)              echo "No, it doesn't." ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_statfs_f_flags.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_link.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_link.U,v $
?RCS: Revision 3.0.1.1  1993/08/25  14:01:13  ram
?RCS: patch6: created for completeness
```

```
?RCS:
?MAKE:d_link: Inlibc
?MAKE: -pick add $@ %<
?S:d_link:
?S: This variable conditionally defines HAS_LINK if link() is
?S: available to create hard links.
?S:.
?C:HAS_LINK:
?C: This symbol, if defined, indicates that the link routine is
?C: available to create hard links.
?C:.
?H:#$d_link HAS_LINK /**/
?H:.
?LINT:set d_link
: see if link exists
set
 link d_link
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_link.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2001 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_sockatmark: Inlibc
?MAKE: -pick add $@ %<
?S:d_sockatmark:
?S: This variable conditionally defines the HAS_SOCKATMARK symbol, which
?S: indicates to the C program that the sockatmark() routine is available.
?S:.
?C:HAS_SOCKATMARK:
?C: This symbol, if defined, indicates that the sockatmark routine is
?C: available to test whether a socket is at the out-of-band mark.
?C:.
?H:#$d_sockatmark HAS_SOCKATMARK  /**/
?H:.
?LINT:set d_sockatmark
: see if sockatmark exists
set sockatmark d_sockatmark
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_sockatmark.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_ndbm.U,v 3.0.1.1 1995/05/12 12:16:53 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: i_ndbm.U,v $
?RCS: Revision 3.0.1.1  1995/05/12  12:16:53  ram
?RCS: patch54: made more robust by checking both header and lib (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:08:23  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_ndbm i_gdbmndbm i_gdbm_ndbm d_ndbm d_ndbm_h_uses_prototypes \
 d_gdbmndbm_h_uses_prototypes d_gdbm_ndbm_h_uses_prototypes: \
    Inhdr Inlibc Setvar test d_cplusplus extern_C echo Protochk
?MAKE: -pick add $@ %<
?S:i_ndbm:
?S: This
 variable conditionally defines the I_NDBM symbol, which
?S: indicates to the C program that <ndbm.h> exists and should
?S: be included.
?S:.
?C:I_NDBM:
?C: This symbol, if defined, indicates that <ndbm.h> exists and should
?C: be included.
?C:.
?S:i_gdbmndbm:
?S: This variable conditionally defines the I_GDBMNDBM symbol, which
?S: indicates to the C program that <gdbm/ndbm.h> exists and should
?S: be included.  This was the location of the ndbm.h compatibility file
?S: in RedHat 7.1.
?S:.
?C:I_GDBMNDBM:
?C: This symbol, if defined, indicates that <gdbm/ndbm.h> exists and should
?C: be included.  This was the location of the ndbm.h compatibility file
?C: in RedHat 7.1.
?C:.
?S:i_gdbm_ndbm:
```

?S: This variable conditionally defines the I_GDBM_NDBM symbol, which
?S: indicates to the C program that <gdbm-ndbm.h> exists and should
?S: be included. This is the location of the ndbm.h compatibility file
?S: in Debian 4.0.
?S:.
?C:I_GDBM_NDBM:
?C: This symbol, if defined, indicates
 that <gdbm-ndbm.h> exists and should
?C: be included. This is the location of the ndbm.h compatibility file
?C: in Debian 4.0.
?C:.
?S:d_ndbm:
?S: This variable conditionally defines the HAS_NDBM symbol, which
?S: indicates that both the ndbm.h include file and an appropriate ndbm
?S: library exist. Consult the different i_*ndbm variables
?S: to find out the actual include location. Sometimes, a system has the
?S: header file but not the library. This variable will only be set if
?S: the system has both.
?S:.
?C:HAS_NDBM:
?C: This symbol, if defined, indicates that some form of ndbm.h or compatibility
?C: include exists, along with the appropriate library.
?C:.
?S:d_ndbm_h_uses_prototypes:
?S: This variable conditionally defines the NDBM_H_USES_PROTOTYPES symbol,
?S: which indicates that the ndbm.h include file uses real ANSI C
?S: prototypes instead of K&R style function declarations. K&R style
?S: declarations are unsupported in C++, so the include file requires
?S: special handling
 when using a C++ compiler and this variable is
?S: undefined. Consult the different d_*ndbm_h_uses_prototypes variables
?S: to get the same information for alternative ndbm.h include files.
?S:.
?C:NDBM_H_USES_PROTOTYPES:
?C: This symbol, if defined, indicates that <ndbm.h> uses real ANSI C
?C: prototypes instead of K&R style function declarations without any
?C: parameter information. While ANSI C prototypes are supported in C++,
?C: K&R style function declarations will yield errors.
?C:.
?S:d_gdbmndbm_h_uses_prototypes:
?S: This variable conditionally defines the NDBM_H_USES_PROTOTYPES symbol,
?S: which indicates that the gdbm/ndbm.h include file uses real ANSI C
?S: prototypes instead of K&R style function declarations. K&R style
?S: declarations are unsupported in C++, so the include file requires
?S: special handling when using a C++ compiler and this variable is
?S: undefined. Consult the different d_*ndbm_h_uses_prototypes variables
?S: to get the same information for alternative

```
 ndbm.h include files.
?S:.
?C:GDBMNDBM_H_USES_PROTOTYPES:
?C: This symbol, if defined, indicates that <gdbm/ndbm.h> uses real ANSI C
?C: prototypes instead of K&R style function declarations without any
?C: parameter information. While ANSI C prototypes are supported in C++,
?C: K&R style function declarations will yield errors.
?C:.
?S:d_gdbm_ndbm_h_uses_prototypes:
?S: This variable conditionally defines the NDBM_H_USES_PROTOTYPES symbol,
?S: which indicates that the gdbm-ndbm.h include file uses real ANSI C
?S: prototypes instead of K&R style function declarations. K&R style
?S: declarations are unsupported in C++, so the include file requires
?S: special handling when using a C++ compiler and this variable is
?S: undefined. Consult the different d_*ndbm_h_uses_prototypes variables
?S: to get the same information for alternative ndbm.h include files.
?S:.
?C:GDBM_NDBM_H_USES_PROTOTYPES:
?C: This symbol, if defined, indicates that <gdbm-ndbm.h> uses real ANSI C
?C: prototypes
 instead of K&R style function declarations without any
?C: parameter information. While ANSI C prototypes are supported in C++,
?C: K&R style function declarations will yield errors.
?C:.
?H:#$i_ndbm I_NDBM /**/
?H:#$i_gdbmndbm I_GDBMNDBM /**/
?H:#$i_gdbm_ndbm I_GDBM_NDBM /**/
?H:#$d_ndbm HAS_NDBM /**/
?H:#$d_ndbm_h_uses_prototypes NDBM_H_USES_PROTOTYPES /**/
?H:#$d_gdbmndbm_h_uses_prototypes GDBMNDBM_H_USES_PROTOTYPES /**/
?H:#$d_gdbm_ndbm_h_uses_prototypes GDBM_NDBM_H_USES_PROTOTYPES /**/
?H:.
?T:d_dbm_open name hdr ihdr ndbm_hdr_protochk
?LINT:set d_ndbm d_gdbmndbm_h_uses_prototypes d_gdbm_ndbm_h_uses_prototypes
d_ndbm_h_uses_prototypes
: see if ndbm.h is available
set ndbm.h i_ndbm
eval $inhdr
: Compatibility location for RedHat 7.1
set gdbm/ndbm.h i_gdbmndbm
eval $inhdr
: Compatibility location for Debian 4.0
set gdbm-ndbm.h i_gdbm_ndbm
eval $inhdr

val="$undef"
if $test "$i_ndbm" = "$define" -o "$i_gdbmndbm" = "$define" -o "$i_gdbm_ndbm" = "$define"; then
 : see if dbm_open exists
```

```
 set
 dbm_open d_dbm_open
 eval $inlibc
 case "$d_dbm_open" in
 $undef)
  i_ndbm="$undef"
  i_gdbmndbm="$undef"
  i_gdbm_ndbm="$undef"
  echo "We won't be including <ndbm.h>"
  val="$undef"
  ;;
 *) val="$define"
    ;;
 esac
fi
set d_ndbm
eval $setvar

ndbm_hdr_protochk='name=$1; hdr=$2;
eval "ihdr=\$""i_$name";
val="$undef";
if $test "$ihdr" = "$define"; then
 $echo "Checking if your <$hdr> uses prototypes..." >&4;
 case "$d_cplusplus" in
 $define) ./protochk "$extern_C void dbm_close(DBM *);" literal "extern \"C\" {" $ihdr $hdr literal "}" &&
val="$define" ;;
 *) ./protochk "$extern_C void dbm_close(int, int);" $ihdr $hdr || val="$define" ;;
 esac;
 case "$val" in
 $define) $echo "Your <$hdr> seems to have prototypes";;
 *) $echo "Your <$hdr> does not seem to have prototypes";;
 esac;
fi;
set "d_${name}_h_uses_prototypes";
eval $setvar'

set ndbm ndbm.h
eval $ndbm_hdr_protochk
set gdbmndbm gdbm/ndbm.h
eval $ndbm_hdr_protochk
set gdbm_ndbm gdbm-ndbm.h
eval $ndbm_hdr_protochk

Found
 in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/modified/i_ndbm.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: lns.U,v $
?RCS: Revision 3.0.1.1  1994/06/20  07:05:52  ram
?RCS: patch30: created by ADO
?RCS:
?X:
?X: This unit checks whether symbolic links are really supported.
?X: We can't rely on d_symlink because that may be listed in the
?X: C library but unimplemented.
?X:
?MAKE:lns: ln rm touch test
?MAKE: -pick add $@ %<
?S:lns:
?S: This variable holds the name of the command to make
?S: symbolic links (if they are supported).
  It can be used
?S: in the Makefile. It is either 'ln -s' or 'ln'
?S:.
: determine whether symbolic links are supported
echo " "
$rm -f blurfl sym
$touch blurfl
if $ln -s blurfl sym > /dev/null 2>&1 && $test -f sym; then
 echo "Symbolic links are supported." >&4
 lns="$ln -s"
else
 echo "Symbolic links are NOT supported." >&4
 lns="$ln"
fi
$rm -f blurfl sym
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/lns.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_syspoll.U 15 2006-08-30 18:21:51Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?MAKE:i_syspoll: Inhdr
?MAKE: -pick add $@ %<
?S:i_syspoll:
?S: This variable conditionally defines the I_SYS_POLL symbol, which
?S: indicates to the C program that it should include <sys/poll.h>.
?S:.
?C:I_SYS_POLL:
?C: This symbol, if defined, indicates that the program may include
?C: <sys/poll.h>.  When I_POLL is also defined, it's probably safest
?C: to only include <poll.h>.
?C:.
?H:#$i_syspoll I_SYS_POLL /**/
?H:.
?LINT:set i_syspoll
: see if there is
 a sys/poll.h file
set sys/poll.h i_syspoll
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_syspoll.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getopt.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_getopt.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:13  ram
```

```
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_getopt: Inlibc
?MAKE: -pick add $@ %<
?S:d_getopt:
?S: This variable conditionally defines the HAS_GETOPT symbol, which
?S: indicates that the getopt() routine exists.  The getopt() routine
?S: parses command line options in a standard fashion.
?S:.
?C:HAS_GETOPT (GETOPT):
?C: This symbol, if defined, indicates that the getopt() routine
 exists.
?C:.
?H:#$d_getopt HAS_GETOPT  /**/
?H:.
?LINT:set d_getopt
: see if getopt exists
set getopt d_getopt
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_getopt.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Setprefixvar.U,v 3.0 2006/04/01 17:25:29 hmbrand $
?RCS:
?RCS: Copyright (c) 2006-2006, H.Merijn Brand & Nicholas Clark
?RCS:
?RCS: This file is included with or a derivative work of a file included
?RCS: with the metaconfig program of Raphael Manfredi's "dist" distribution.
?RCS: In accordance with clause 7 of dist's modified Artistic License:
?RCS:
?RCS:   You may distribute under the terms of either the GNU General Public
?RCS:   License or the Artistic License, as specified in the README file.
?RCS:
?X:
?X: This unit sets up the scripts installprefix and setprefixvar, so code
?X: in other parts can be more simple and maintainable
?X:
?MAKE:Setprefixvar: Myread Getfile startsh eunicefix test \
 prefix prefixexp installprefix installprefixexp
?MAKE: -pick add $@ %<
?LINT:extern prefixvar
?X: metalint still sees "`\$${prefixvar}exp`" as variable :(
?T:prefixvarexp
?F:./setprefixvar
?F:./installprefix
```

```
: Perform
 the prefixexp/installprefixexp correction if necessary
cat <<EOS >installprefix
$startsh
EOS
cat <<'EOSC' >>installprefix
: Change installation prefix, if necessary.
if $test X"$prefix" != X"$installprefix"; then
   eval "install${prefixvar}=\`echo \$${prefixvar}exp | sed \"s#^\$prefixexp#\$installprefixexp#\"\`"
else
   eval "install${prefixvar}=\"\$${prefixvar}exp\""
fi
EOSC
chmod +x installprefix
$eunicefix installprefix

: Set variables such as privlib and privlibexp from the output of ./getfile
: performing the prefixexp/installprefixexp correction if necessary.
cat <<EOS >setprefixvar
$startsh
EOS
cat <<'EOSC' >>setprefixvar
eval "${prefixvar}=\"\$ans\""
eval "${prefixvar}exp=\"\$ansexp\""
. ./installprefix
EOSC
chmod +x setprefixvar
$eunicefix setprefixvar

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/Setprefixvar.U
No license file was found, but licenses were detected in source scan.

?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1998, Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:i_sysaccess: Inhdr
?MAKE: -pick add $@ %<
?S:i_sysaccess:
?S: This variable conditionally defines the I_SYS_ACCESS symbol,
```

```
?S: and indicates whether a C program should include <sys/access.h>.
?S:.
?C:I_SYS_ACCESS:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/access.h>.
?C:.
?H:#$i_sysaccess   I_SYS_ACCESS              /**/
?H:.
?LINT:set i_sysaccess
: see if sys/access.h is available
set sys/access.h i_sysaccess
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/acl/i_sysaccess.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_ffs.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_ffs.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:03  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_ffs: Inlibc
?MAKE: -pick add $@ %<
?S:d_ffs:
?S: This variable conditionally defines the HAS_FFS symbol, which
?S: indicates to the C program that the ffs() routine is available
?S: to find the first bit which is set in its integer argument.
?S:.
?C:HAS_FFS:
?C: This symbol, if defined, indicates that the ffs routine is available
?C: to
 find the first bit set in its argument.  If it's not available,
?C: roll your own.
?C:.
?H:#$d_ffs HAS_FFS  /**/
?H:.
?LINT:set d_ffs
```

```
: see if ffs exists
set ffs d_ffs
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_ffs.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_fp_class: Inlibc
?MAKE: -pick add $@ %<
?S:d_fp_class:
?S: This variable conditionally defines the HAS_FP_CLASS symbol, which
?S: indicates to the C program that the fp_class() routine is available.
?S:.
?C:HAS_FP_CLASS:
?C: This symbol, if defined, indicates that the fp_class routine is
?C: available to classify doubles.  Available for example in Digital UNIX.
?C: The returned values are defined in <math.h> and are:
?C:
?C: FP_SNAN           Signaling NaN (Not-a-Number)
?C: FP_QNAN           Quiet NaN (Not-a-Number)
?C: FP_POS_INF        +infinity
?C: FP_NEG_INF        -infinity
?C: FP_POS_NORM       Positive normalized
?C: FP_NEG_NORM       Negative normalized
?C: FP_POS_DENORM     Positive denormalized
?C: FP_NEG_DENORM
    Negative denormalized
?C: FP_POS_ZERO       +0.0 (positive zero)
?C: FP_NEG_ZERO       -0.0 (negative zero)
?C:.
?H:#$d_fp_class HAS_FP_CLASS  /**/
?H:.
?LINT:set d_fp_class
: see if fp_class exists
set fp_class d_fp_class
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/perl/d_fp_class.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: newsspool.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: newsspool.U,v $
?RCS: Revision 3.0  1993/08/18  12:09:24  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:newsspool newsspoolexp: Getfile Oldconfig
?MAKE: -pick add $@ %<
?S:newsspool:
?S: This variable contains the eventual value of the NEWSSPOOL symbol,
?S: which is the directory name where news articles are spooled.  It
?S: may have a ~ on the front of it.
?S:.
?S:newsspoolexp:
?S: This is the same as the newsspool variable, but is
 filename expanded
?S: at configuration time, for programs not wanting to deal with it at
?S: run-time.
?S:.
?C:NEWSSPOOL:
?C: This symbol contains the directory name where news articles are
?C: spooled.  The program must be prepared to do ~ expansion on it.
?C:.
?C:NEWSSPOOL_EXP:
?C: This is the same as NEWSSPOOL, but is filename expanded at
?C: configuration time, for use in programs not willing to do so
?C: at run-time.
?C:.
?H:#define NEWSSPOOL "$newsspool" /**/
?H:#define NEWSSPOOL_EXP "$newsspoolexp" /**/
?H:.
: locate news spool directory
case "$newsspool" in
")
 dflt=/usr/spool/news
 ;;
*) dflt="$newsspool";;
```

```
esac
echo " "
fn=d~
rp='Where are news spooled?'
. ./getfile
newsspool="$ans"
newsspoolexp="$ansexp"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/newsspool.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_time.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:45  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit finds which "time" include to use. If 'timezone' is used by the
?X: program, we also try to find which header should be included. Eventually,
?X: we look for <sys/select.h> if I_SYSSELECT is used, to get struct timeval.
?X:
?MAKE:i_time i_systime i_systimek timeincl: cat cc ccflags contains rm_try \
 echo n c +i_sysselct Findhdr
?MAKE: -pick add $@ %<
?S:i_time:
?S: This
 variable conditionally defines I_TIME, which indicates
?S: to the C program that it should include <time.h>.
?S:.
?S:i_systime:
?S: This variable conditionally defines I_SYS_TIME, which indicates
?S: to the C program that it should include <sys/time.h>.
?S:.
?S:i_systimek:
?S: This variable conditionally defines I_SYS_TIME_KERNEL, which
?S: indicates to the C program that it should include <sys/time.h>
?S: with KERNEL defined.
```

```
?S:.
?S:timeincl:
?S: This variable holds the full path of the included time header(s).
?S:.
?C:I_TIME (USE_TIME_H):
?C: This symbol, if defined, indicates to the C program that it should
?C: include <time.h>.
?C:.
?C:I_SYS_TIME (I_SYSTIME USE_SYS_TIME_H NO_TIME_WITH_SYS_TIME):
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/time.h>.
?C:.
?C:I_SYS_TIME_KERNEL (I_SYSTIMEKERNEL):
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/time.h> with KERNEL defined.
?C:.
?H:#$i_time I_TIME  /**/
?H:#$i_systime
 I_SYS_TIME  /**/
?H:#$i_systimek I_SYS_TIME_KERNEL  /**/
?H:.
?W::timezone
?T:xselect flags sysselect s_timeval s_timezone
?LINT:change i_sysselct
: see if we should include time.h, sys/time.h, or both
echo " "
echo "Testing to see if we should include <time.h>, <sys/time.h> or both." >&4
$echo $n "I'm now running the test program...$c"
$cat >try.c <<'EOCP'
#include <sys/types.h>
#ifdef I_TIME
#include <time.h>
#endif
#ifdef I_SYSTIME
#ifdef SYSTIMEKERNEL
#define KERNEL
#endif
#include <sys/time.h>
#endif
#ifdef I_SYSSELECT
#include <sys/select.h>
#endif
int main()
{
 struct tm foo;
#ifdef S_TIMEVAL
 struct timeval bar;
#endif
```

```
#ifdef S_TIMEZONE
 struct timezone tzp;
#endif
 if (foo.tm_sec == foo.tm_sec)
  exit(0);
#ifdef S_TIMEVAL
 if (bar.tv_sec == bar.tv_sec)
  exit(0);
#endif
 exit(1);
}
EOCP
flags=''
@if I_SYSSELECT
if $contains 'timeval.*{' `./findhdr sys/select.h` >/dev/null 2>&1; then
 xselect='-DI_SYSSELECT'
else
 xselect=''
fi
@end
@if timezone
for s_timezone
 in '-DS_TIMEZONE' ''; do
@else
s_timezone=''
@end
?X: Every package is given a try with 'struct timeval'
@if I_SYSSELECT
for sysselect in $xselect ''; do
@else
sysselect=''
@end
for s_timeval in '-DS_TIMEVAL' ''; do
for i_systimek in '' '-DSYSTIMEKERNEL'; do
for i_time in '' '-DI_TIME'; do
for i_systime in '-DI_SYSTIME' ''; do
 case "$flags" in
 '') $echo $n ".$c"
  if $cc $ccflags \
  $i_time $i_systime $i_systimek $sysselect $s_timeval $s_timezone \
  -o try try.c >/dev/null 2>&1 ; then
   set X $i_time $i_systime $i_systimek $sysselect $s_timeval
   shift
   flags="$*"
   echo " "
   $echo $n "Succeeded with $flags$c"
  fi
  ;;
```

```
 esac
done
done
done
done
@if I_SYSSELECT
done
@end
@if timezone
done
@end
timeincl="
echo " "
case "$flags" in
*SYSTIMEKERNEL*) i_systimek="$define"
 timeincl=`./findhdr sys/time.h`
 echo "We'll include <sys/time.h> with KERNEL defined." >&4;;
*) i_systimek="$undef";;
esac
case "$flags" in
*I_TIME*) i_time="$define"
 timeincl=`./findhdr time.h`" $timeincl"
 echo
 "We'll include <time.h>." >&4;;
*) i_time="$undef";;
esac
case "$flags" in
*I_SYSTIME*) i_systime="$define"
 timeincl=`./findhdr sys/time.h`" $timeincl"
 echo "We'll include <sys/time.h>." >&4;;
*) i_systime="$undef";;
esac
@if I_SYSSELECT
case "$flags" in
*I_SYSSELECT*) i_sysselct="$define"
 timeincl=`./findhdr sys/select.h`" $timeincl"
 echo "We'll also include <sys/select.h> to get struct timeval." >&4;;
*) case "$i_sysselct" in
 ") i_sysselct="$undef";;
 esac
esac
@end
$rm_try
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_time.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Inlibc.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Inlibc.U,v $
?RCS: Revision 3.0.1.1  1994/10/29  15:55:08  ram
?RCS: patch36: call ./whoa explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:03  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit checks for the definition of a given function.
?X:
?X: To use it, say:
?X: set function d_func
?X: eval $inlibc
?X:
?MAKE:Inlibc: Csym Whoa Oldconfig
?MAKE: -pick add $@ %<
?LINT:define inlibc
?V:inlibc
?S:inlibc:
?S: This
 shell variable is used internally by Configure to check
?S: wether a given function is defined or not. A typical use is:
?S:  set function d_func
?S:  eval $inlibc
?S: That will print a message, saying wether function was found or
?S: not and set d_func accordingly.
?S:.
?T:was tx sym tres td tu var
: define an is-in-libc? function
inlibc='echo " "; td=$define; tu=$undef;
sym=$1; var=$2; eval "was=\$$2";
tx=yes;
case "$reuseval$was" in
true) ;;
true*) tx=no;;
esac;
```

```
case "$tx" in
yes)
 set $sym tres -f;
 eval $csym;
 case "$tres" in
 true)
  echo "$sym() found." >&4;
  case "$was" in $undef) . ./whoa; esac; eval "$var=\$td";;
 *)
  echo "$sym() NOT found." >&4;
  case "$was" in $define) . ./whoa; esac; eval "$var=\$tu";;
 esac;;
*)
 case "$was" in
 $define) echo "$sym() found." >&4;;
 *) echo "$sym() NOT found." >&4;;
 esac;;
esac'
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Inlibc.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: charorder.U,v 3.0.1.1 1994/10/29 16:07:08 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: charorder.U,v $
?RCS: Revision 3.0.1.1  1994/10/29  16:07:08  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:33  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:chorder_int chorder_short chorder_long: Myread cat Compile rm
?MAKE: -pick add $@ %<
?S:chorder_short (d_cos d_bos):
?S: Holds the value describing the byte ordering of characters in a short.
?S: On a Big-Endian machine, that
 would be "c0c1".
?S:.
```

```
?S:chorder_int (charoder):
?S: Holds the value describing the byte ordering of characters in an int.
?S: For instance, on a Big-Endian machine, this would be: "c0c1c2c3".
?S:.
?S:chorder_long (d_col d_bol):
?S: Holds the value describing the byte ordering of characters in a long.
?S: On a 64 bits Big-Endian machine, that would yield: "c0c1c2c3c4c5c6c7".
?S:.
?C:CHAR_ORDER_SHORT:
?C: Holds the byte ordering of characters in a short. It's a string
?C: value like "c0c1" on a Big-Endian machine.
?C:.
?C:CHAR_ORDER_INT:
?C: Holds the byte ordering of characters in an int. It's a string
?C: value like "c0c1c2c3" on a Big-Endian machine.
?C:.
?C:CHAR_ORDER_LONG:
?C: Holds the byte ordering of characters in a long. It's a string
?C: value like "c0c1c2c3c4c5c6c7" on a 64 bits Big-Endian machine.
?C:.
?H:#define CHAR_ORDER_SHORT "$chorder_short" /* byte order in a short */
?H:#define CHAR_ORDER_INT "$chorder_int" /* byte order in an int */
?H:#define CHAR_ORDER_LONG "$chorder_long"
 /* byte order in a long */
?H:.
?F:!byteorder
: check for character ordering
echo " "
echo "Checking out byte order..." >&4
$cat >byteorder.c <<'EOCP'
#include <stdio.h>

int main(argc, argv)
 int argc;
 char *argv[]; {
 int i;
 int max;
 union {
  short u_s;
  int u_i;
  long u_l;
  char u_c[sizeof(long)];
 } u;
 switch (argv[1][0]) {
 case 'l':
  u.u_l = 0L;
  /* HMS: ASSERT: sizeof(long) < 10. */
  for(i = 0; i < sizeof(long); ++i) {
```

```
  u.u_l *= 0x100L;
  u.u_l += (0xc0 + i);
  }
  max = sizeof(long);
  break;
 case 's':
  u.u_s = 0;
  /* HMS: ASSERT: sizeof(short) < 10. */
  for(i = 0; i < sizeof(short); ++i) {
   u.u_s *= 0x100L;
   u.u_s += (0xc0 + i);
  }
  max = sizeof(short);
  break;
 case 'i':
  u.u_i = 0;
  /* RAM: ASSERT: sizeof(int) < 10. */
  for(i = 0; i < sizeof(int); ++i) {
   u.u_l *= 0x100L;
   u.u_l += (0xc0 + i);
  }
  max = sizeof(int);
  break;
 default:
  max = 0;
  break;
 }
 for(i = 0; i < max; i++) {
  printf("%x", u.u_c[i] & 0x00FF);
 }
 printf("\n");
 exit(0);
}
EOCP
set
 byteorder
if eval $compile_ok ; then
 : null statement
@if chorder_short
   chorder_short=`./byteorder s`
@end
@if chorder_int
   chorder_int=`./byteorder i`
@end
@if chorder_long
   chorder_long=`./byteorder l`
@end
else
```

```
 $cat <<EOM
(I can't seem to get my test program to work.  Guessing 32 bits big-endian.)
EOM
   chorder_short="c0c1"
   chorder_int="c0c1c2c3"
   chorder_long="c0c1c2c3"
fi
@if chorder_short
dflt=$chorder_short
rp='What is the order of characters in a short?'
. ./myread
chorder_short="$ans"
@end
@if chorder_int
dflt=$chorder_int
rp='What is the order of characters in an int?'
. ./myread
chorder_int="$ans"
@end
@if chorder_long
dflt=$chorder_long
rp='What is the order of characters in a long?'
. ./myread
chorder_long="$ans"
@end
$rm -f byteorder* core
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/charorder.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_chroot.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_chroot.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:07:17  ram
?RCS: patch32: created by ADO
?RCS:
```

```
?MAKE:d_chroot: Inlibc
?MAKE: -pick add $@ %<
?S:d_chroot:
?S: This variable conditionally defines the HAS_CHROOT symbol, which
?S: indicates to the C program that the chroot() routine is available.
?S:.
?C:HAS_CHROOT :
?C: This symbol, if defined, indicates that the chroot routine
 is
?C: available.
?C:.
?H:#$d_chroot HAS_CHROOT  /**/
?H:.
?LINT:set d_chroot
: see if chroot exists
set chroot d_chroot
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_chroot.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:sitehtml1dir sitehtml1direxp installsitehtml1dir: Getfile \
 Setprefixvar prefix siteprefix html1dir sed
?MAKE: -pick add $@ %<
?Y:TOP
?D:sitehtml1dir=''
?S:sitehtml1dir:
?S: This variable contains the name of the directory in which site-specific
?S: html source pages are to be put.  It is the responsibility of the
?S: Makefile.SH to get the value of this into the proper command.
?S: You must be prepared to do the ~name expansion yourself.
?S: The standard distribution will put nothing in this directory.
?S: After perl
 has been installed, users may install their own local
?S: html pages in this directory with
?S:  MakeMaker Makefile.PL
```

```
?S: or equivalent.  See INSTALL for details.
?S:.
?D:sitehtml1direxp="
?S:sitehtml1direxp:
?S: This variable is the same as the sitehtml1dir variable, but is filename
?S: expanded at configuration time, for convenient use in makefiles.
?S:.
?D:installsitehtml1dir="
?S:installsitehtml1dir:
?S: This variable is really the same as sitehtml1direxp, unless you are using
?S: AFS in which case it points to the read/write location whereas
?S: html1direxp only points to the read-only access location. For extra
?S: portability, you should only use this variable within your makefiles.
?S:.
?LINT:change prefixvar
?LINT:set installsitehtml1dir
?LINT:set sitehtml1dir
?LINT:set sitehtml1direxp
: determine where add-on html pages go
: There is no standard location, so try to copy the previously-selected
: directory structure for the core html pages.
case "$sitehtml1dir" in
")
   dflt=`echo "$html1dir" | $sed "s#^$prefix#$siteprefix#"` ;;
*)     dflt=$sitehtml1dir ;;
esac
case "$dflt" in
"|' ') dflt=none ;;
esac
fn=dn+~
rp='Pathname where the site-specific html pages should be installed?'
. ./getfile
prefixvar=sitehtml1dir
. ./setprefixvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/sitehtml1dir.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_socket.U,v $
?RCS: Revision 3.0.1.2  1997/02/28  15:46:00  ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS:
?RCS: Revision 3.0.1.1  1994/01/24  14:08:04  ram
?RCS: patch16: can now safely declare private nm_extract in dependencies
?RCS:
?RCS: Revision 3.0  1993/08/18  12:07:26  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_socket d_oldsock d_sockpair socketlib sockethdr: contains libc \
 echo n c nm_opt nm_extract Inlibc Csym _a
?MAKE: -pick add $@ %<
?S:d_socket:
?S: This
 variable conditionally defines HAS_SOCKET, which indicates
?S: that the BSD socket interface is supported.
?S:.
?S:d_sockpair:
?S: This variable conditionally defines the HAS_SOCKETPAIR symbol, which
?S: indicates that the BSD socketpair() is supported.
?S:.
?S:d_oldsock:
?S: This variable conditionally defines the OLDSOCKET symbol, which
?S: indicates that the BSD socket interface is based on 4.1c and not 4.2.
?S:.
?S:socketlib:
?S: This variable has the names of any libraries needed for socket support.
?S:.
?S:sockethdr:
?S: This variable has any cpp -I flags needed for socket support.
?S:.
?C:HAS_SOCKET (SOCKET):
?C: This symbol, if defined, indicates that the BSD socket interface is
?C: supported.
?C:.
?C:HAS_SOCKETPAIR (SOCKETPAIR):
?C: This symbol, if defined, indicates that the BSD socketpair() call is
?C: supported.
?C:.
?C:USE_OLDSOCKET (OLDSOCKET):
?C: This symbol, if defined, indicates that the 4.1c BSD socket interface
?C: is supported instead of the 4.2/4.3 BSD
 socket interface. For instance,
?C: there is no setsockopt() call.
?C:.
```

```
?H:#$d_socket HAS_SOCKET  /**/
?H:#$d_sockpair HAS_SOCKETPAIR /**/
?H:#$d_oldsock USE_OLDSOCKET /**/
?H:.
?T:val
?LINT:use libc
?LINT:set d_sockpair
: see whether socket exists
socketlib=''
sockethdr=''
echo " "
$echo $n "Hmm... $c" >&4
if set socket val -f d_socket; eval $csym; $val; then
 echo "Looks like you have Berkeley networking support." >&4
 d_socket="$define"
?X: now check for advanced features
 if set setsockopt val -f; eval $csym; $val; then
  d_oldsock="$undef"
 else
  echo "...but it uses the old 4.1c interface, rather than 4.2" >&4
  d_oldsock="$define"
 fi
else
?X: HP-UX, for one, puts all the socket stuff in socklib.o. Note that if we
?X: come here on HP-UX, then we must have used nm to get symbols, or we really
?X: don't have sockets anyway...
 if $contains socklib libc.list >/dev/null 2>&1; then
  echo "Looks like you have Berkeley networking support." >&4
  d_socket="$define"
  : we will have
 to assume that it supports the 4.2 BSD interface
  d_oldsock="$undef"
 else
  echo "You don't have Berkeley networking in libc$_a..." >&4
?X: look for an optional networking library
  if test -f /usr/lib/libnet$_a; then
?X: space between two  '(' needed for ksh
   ( (nm $nm_opt /usr/lib/libnet$_a | eval $nm_extract) ||  \
   ar t /usr/lib/libnet$_a) 2>/dev/null >> libc.list
   if $contains socket libc.list >/dev/null 2>&1; then
   echo "...but the Wollongong group seems to have hacked it in." >&4
    socketlib="-lnet"
    sockethdr="-I/usr/netinclude"
    d_socket="$define"
?X: now check for advanced features
    if $contains setsockopt libc.list >/dev/null 2>&1; then
     d_oldsock="$undef"
    else
```

```
    echo "...using the old 4.1c interface, rather than 4.2" >&4
    d_oldsock="$define"
   fi
  else
   echo "or even in libnet$_a, which is peculiar." >&4
   d_socket="$undef"
   d_oldsock="$undef"
  fi
 else
  echo "or anywhere else I see." >&4
  d_socket="$undef"
  d_oldsock="$undef"
 fi
fi
fi

@if
 HAS_SOCKETPAIR || d_sockpair
: see if socketpair exists
set socketpair d_sockpair
eval $inlibc

@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_socket.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_shm.U,v 3.0 1993/08/18 12:07:17 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: d_shm.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:17  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_shm: test d_shmctl d_shmget d_shmat d_shmdt Setvar Findhdr osname
?MAKE: -pick add $@ %<
?S:d_shm:
?S: This variable conditionally defines the HAS_SHM symbol, which
?S: indicates that the entire shm*(2) library is present.
```

```
?S:.
?C:HAS_SHM:
?C: This symbol, if defined, indicates that the entire shm*(2) library is
?C: supported.
?C:.
?H:#$d_shm HAS_SHM  /**/
?H:.
?T:h_shm
?LINT:set
 d_shm
: see how much of the 'shm*(2)' library is present.
h_shm=true
echo " "
case "$d_shmctl$d_shmget$d_shmat$d_shmdt" in
*"$undef"*) h_shm=false;;
esac
case "$osname" in
freebsd)
   case "`ipcs 2>&1`" in
   "SVID shared memory"*"not configured"*)
 echo "Your $osname does not have the shm*(2) configured." >&4
       h_shm=false
 val="$undef"
 set shmctl d_shmctl
 eval $setvar
 set shmget d_shmget
 eval $setvar
 set shmat d_shmat
 eval $setvar
 set shmdt d_shmdt
 eval $setvar
 ;;
   esac
   ;;
esac
: we could also check for sys/ipc.h ...
if $h_shm && $test `./findhdr sys/shm.h`; then
 echo "You have the full shm*(2) library." >&4
 val="$define"
else
 echo "You don't have the full shm*(2) library." >&4
 val="$undef"
fi
set d_shm
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/modified/d_shm.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setgrent.U,v $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: d_setgrent.U,v $
?RCS:
?MAKE:d_setgrent: Inlibc
?MAKE: -pick add $@ %<
?S:d_setgrent:
?S: This variable conditionally defines the HAS_SETGRENT symbol, which
?S: indicates to the C program that the setgrent() routine is available
?S: for initializing sequential access to the group database.
?S:.
?C:HAS_SETGRENT:
?C: This symbol, if defined, indicates that the setgrent routine is
?C: available for initializing sequential access of the group database.
?C:.
?H:#$d_setgrent HAS_SETGRENT  /**/
?H:.
?LINT:set d_setgrent
: see if setgrent exists
set setgrent d_setgrent
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_setgrent.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Findhdr.U,v 3.0.1.2 1994/10/29 15:53:08 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Thomas Neumann <tom@smart.bo.open.de>
?RCS:
?RCS: $Log: Findhdr.U,v $
```

```
?RCS: Revision 3.0.1.2  1994/10/29  15:53:08  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0.1.1  1994/05/06  14:03:56  ram
?RCS: patch23: cppminus must be after other cppflags, not before
?RCS:
?RCS: Revision 3.0  1993/08/18  12:04:54  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This unit produces a findhdr script which
 is used to locate the header
?X: files in $usrinc or other stranger places using cpp capabilities. The
?X: script is given an include file base name, like 'stdio.h' or 'sys/file.h'
?X: and it returns the full path of the include file and a zero status or an
?X: empty string with an error status if the file could not be located.
?X:
?MAKE:Findhdr: grep test tr rm incpth awk cat startsh \
 cppstdin cppminus +cppflags osname
?MAKE: -pick add $@ %<
?LINT:extern cppfilter
?LINT:define fieldn
?S:fieldn:
?S: This variable is used internally by Configure. It contains the position
?S: of the included file name in cpp output. That is to say, when cpp
?S: pre-processes a #include <file> line, it replaces it by a # line which
?S: contains the original position in the input file and the full name of
?S: included file, between "quotes".
?S:.
?V:fieldn
?F:./findhdr !fieldn
?T:cline pos wanted name awkprg usrincdir status testaccess
: determine filename position in cpp output
echo " "
echo "Computing
 filename position in cpp output for #include directives..." >&4
case "$osname" in
amigaos) fieldn=3 ;;  # Workaround for a bug in abc (pdksh).
esac
case "$fieldn" in
")
case "$osname" in
vos) testaccess=-e ;;
*)   testaccess=-r ;;
esac
echo '#include <stdio.h>' > foo.c
$cat >fieldn <<EOF
$startsh
```

```
$cppstdin $cppflags $cppminus <foo.c 2>/dev/null | \
$grep '^[  ]*#.*stdio\.h' | \
while read cline; do
 pos=1
 set \$cline
 while $test \$# -gt 0; do
  if $test $testaccess \`echo \$1 | $tr -d ""\`; then
   echo "\$pos"
   exit 0
  fi
  shift
  pos=\`expr \$pos + 1\`
 done
done
EOF
chmod +x fieldn
fieldn=`./fieldn`
$rm -f foo.c fieldn
;;
esac
case $fieldn in
") pos='???';;
1) pos=first;;
2) pos=second;;
3) pos=third;;
*) pos="${fieldn}th";;
esac
echo "Your cpp writes the filename in the $pos field of the line."

?X: To locate a header file, we cannot simply check for $usrinc/file.h, since
?X: some machine have the headers in weird places and our only hope is that
?X: the C pre-processor
 will know how to find those headers. Thank you NexT!
: locate header file
$cat >findhdr <<EOF
$startsh
wanted=\$1
name="
for usrincdir in $incpth
do
 if test -f \$usrincdir/\$wanted; then
  echo "\$usrincdir/\$wanted"
  exit 0
 fi
done
awkprg='{ print \$$fieldn }'
echo "#include <\$wanted>" > foo\$\$.c
$cppstdin $cppminus $cppflags < foo\$\$.c 2>/dev/null | \
```

```
$cppfilter $grep "^[  ]*#.*\$wanted" | \
while read cline; do
 name=\`echo \$cline | $awk "\$awkprg" | $tr -d ""\`
 case "\$name" in
 *[/\\\]\$wanted) echo "\$name"; exit 1;;
 *[\\\/]\$wanted) echo "\$name"; exit 1;;
 *) exit 2;;
 esac;
done;
#
# status = 0: grep returned 0 lines, case statement not executed
# status = 1: headerfile found
# status = 2: while loop executed, no headerfile found
#
status=\$?
$rm -f foo\$\$.c;
if test \$status -eq 1; then
 exit 0;
fi
exit 1
EOF
chmod +x findhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/Findhdr.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_tcstpgrp.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_tcstpgrp.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:12:11  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_tcsetpgrp: Inlibc
?MAKE: -pick add $@ %<
?S:d_tcsetpgrp:
?S: This variable conditionally defines the HAS_TCSETPGRP symbol, which
```

```
?S: indicates to the C program that the tcsetpgrp() routine is available
?S: to set foreground process group ID.
?S:.
?C:HAS_TCSETPGRP
 :
?C: This symbol, if defined, indicates that the tcsetpgrp routine is
?C: available to set foreground process group ID.
?C:.
?H:#$d_tcsetpgrp HAS_TCSETPGRP  /**/
?H:.
?LINT:set d_tcsetpgrp
: see if tcsetpgrp exists
set tcsetpgrp d_tcsetpgrp
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_tcstpgrp.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysselct.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_sysselct.U,v $
?RCS: Revision 3.0.1.1  1993/08/25  14:01:33  ram
?RCS: patch6: added default for i_sysselct
?RCS:
?RCS: Revision 3.0  1993/08/18  12:08:35  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: Look wether <sys/select.h> exists
?X:
?MAKE:i_sysselct: Inhdr
?MAKE: -pick add $@ %<
?S:i_sysselct:
?S: This variable conditionally defines I_SYS_SELECT, which indicates
?S: to the C program that it should include <sys/select.h> in
 order to
?S: get the definition of struct timeval.
?S:.
```

```
?C:I_SYS_SELECT (I_SYSSELECT):
?C: This symbol, if defined, indicates to the C program that it should
?C: include <sys/select.h> in order to get definition of struct timeval.
?C:.
?H:#$i_sysselct I_SYS_SELECT /**/
?H:.
?D:i_sysselct="
?LINT:set i_sysselct
: see if sys/select.h has to be included
set sys/select.h i_sysselct
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_sysselct.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2001 Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d_sockatmarkproto: Hasproto d_socket
?MAKE: -pick add $@ %<
?S:d_sockatmarkproto:
?S: This variable conditionally defines the HAS_SOCKATMARK_PROTO symbol,
?S: which indicates to the C program that the system provides
?S: a prototype for the sockatmark() function.  Otherwise, it is
?S: up to the program to supply one.
?S:.
?C:HAS_SOCKATMARK_PROTO:
?C: This symbol, if defined, indicates that the system provides
?C: a prototype for the sockatmark() function.  Otherwise, it is up
?C: to the program to supply one.  A good
 guess is
?C:  extern int sockatmark(int);
?C:.
?H:#$d_sockatmarkproto HAS_SOCKATMARK_PROTO /**/
?H:.
?LINT:set d_sockatmarkproto
: see if prototype for sockatmark is available
echo " "
set d_sockatmarkproto sockatmark $d_socket sys/socket.h
```

```
eval $hasproto
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_sockatmarkproto.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_strdup.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_strdup.U,v $
?RCS: Revision 3.0.1.1  1993/12/15  08:21:41  ram
?RCS: patch15: created
?RCS:
?MAKE:d_strdup: Inlibc
?MAKE: -pick add $@ %<
?S:d_strdup:
?S: This variable conditionally defines HAS_STRDUP if strdup() is
?S: available to duplicate strings in memory.
?S:.
?C:HAS_STRDUP:
?C: This symbol, if defined, indicates that the strdup routine is
?C: available to duplicate strings in memory. Otherwise, roll up
?C: your own...
?C:.
?H:#$d_strdup HAS_STRDUP  /**/
?H:.
?LINT:set
 d_strdup
: see if strdup exists
set strdup d_strdup
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strdup.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: cpp_trad.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: cpp_stuff.U,v $
?MAKE:cpp_trad: cpp cat contains rm
?MAKE: -pick add $@ %<
?S:cpp_trad:
?S: This variable contains the program to run to get traditional C
?S: preprocessor semantics and not ISO C semantics: we want something
?S: that knows as little about C as possible to use as a more general
?S: purpose preprocessor.
?S:.
?F:!foo.c !foo.cpp
: how do we get traditional cpp semantics?
echo " "
echo "Checking to see how to get traditional cpp semantics..."
 >&4
$cat >foo.c <<'EOF'
#define A(x) x
#define B(y) y
A(a)B(b)
EOF
if $cpp foo.c >foo.cpp; $contains ab foo.cpp >/dev/null 2>&1; then
 echo "Plain '$cpp' works just fine."
 cpp_trad="$cpp"
elif $cpp -traditional foo.c >foo.cpp; \
 $contains ab foo.cpp >/dev/null 2>&1; then
 echo "We'll use '$cpp -traditional' to get proper semantics."
 cpp_trad="$cpp -traditional"
else
 echo "I don't know how to get traditional semantics with '$cpp'." >&4
 cpp_trad="$cpp"
fi
$rm -f foo.c foo.cpp
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/cpp_trad.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_endgrent.U,v $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: d_endgrent.U,v $
?RCS:
?MAKE:d_endgrent: Inlibc
?MAKE: -pick add $@ %<
?S:d_endgrent:
?S: This variable conditionally defines the HAS_ENDGRENT symbol, which
?S: indicates to the C program that the endgrent() routine is available
?S: for sequential access of the group database.
?S:.
?C:HAS_ENDGRENT:
?C: This symbol, if defined, indicates that the getgrent routine is
?C: available for finalizing sequential access of the group database.
?C:.
?H:#$d_endgrent HAS_ENDGRENT  /**/
?H:.
?LINT:set d_endgrent
: see if endgrent exists
set endgrent d_endgrent
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_endgrent.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_db.U,v 3.0.1.3 1995/07/25 14:10:22 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: i_db.U,v $
?RCS: Revision 3.0.1.3  1995/07/25  14:10:22  ram
?RCS: patch56: conditionally use const in test programs (ADO)
?RCS:
?RCS: Revision 3.0.1.2  1995/05/12  12:14:42  ram
?RCS: patch54: extended for more intimate DB probing (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/08/29  16:21:50  ram
```

```
?RCS: patch32: created by ADO
?RCS:
?MAKE:i_db db_hashtype db_prefixtype \
 db_version_major
 db_version_minor db_version_patch : \
 Inhdr +cc +ccflags rm_try contains cat \
 Compile libs sed run i_stdlib
?MAKE: -pick add $@ %<
?S:i_db:
?S: This variable conditionally defines the I_DB symbol, and indicates
?S: whether a C program may include Berkeley's DB include file <db.h>.
?S:.
?S:db_hashtype:
?S: This variable contains the type of the hash structure element
?S: in the <db.h> header file.  In older versions of DB, it was
?S: int, while in newer ones it is u_int32_t.
?S:.
?S:db_prefixtype:
?S: This variable contains the type of the prefix structure element
?S: in the <db.h> header file.  In older versions of DB, it was
?S: int, while in newer ones it is size_t.
?S:.
?S:db_version_major:
?S: This variable contains the major version number of
?S: Berkeley DB found in the <db.h> header file.
?S:.
?S:db_version_minor:
?S: This variable contains the minor version number of
?S: Berkeley DB found in the <db.h> header file.
?S: For DB version 1 this is always 0.
?S:.
?S:db_version_patch:
?S: This
 variable contains the patch version number of
?S: Berkeley DB found in the <db.h> header file.
?S: For DB version 1 this is always 0.
?S:.
?C:I_DB:
?C: This symbol, if defined, indicates to the C program that it should
?C: include Berkeley's DB include file <db.h>.
?C:.
?C:DB_Prefix_t:
?C: This symbol contains the type of the prefix structure element
?C: in the <db.h> header file.  In older versions of DB, it was
?C: int, while in newer ones it is u_int32_t.
?C:.
?C:DB_Hash_t:
?C: This symbol contains the type of the prefix structure element
```

```
?C: in the <db.h> header file.  In older versions of DB, it was
?C: int, while in newer ones it is size_t.
?C:.
?C:DB_VERSION_MAJOR_CFG:
?C: This symbol, if defined, defines the major version number of
?C: Berkeley DB found in the <db.h> header when Perl was configured.
?C:.
?C:DB_VERSION_MINOR_CFG:
?C: This symbol, if defined, defines the minor version number of
?C: Berkeley DB found in the <db.h> header when Perl was configured.
?C: For
 DB version 1 this is always 0.
?C:.
?C:DB_VERSION_PATCH_CFG:
?C: This symbol, if defined, defines the patch version number of
?C: Berkeley DB found in the <db.h> header when Perl was configured.
?C: For DB version 1 this is always 0.
?C:.
?H:#$i_db I_DB  /**/
?H:#define DB_Hash_t $db_hashtype  /**/
?H:#define DB_Prefix_t $db_prefixtype  /**/
?H:#define DB_VERSION_MAJOR_CFG $db_version_major /**/
?H:#define DB_VERSION_MINOR_CFG $db_version_minor /**/
?H:#define DB_VERSION_PATCH_CFG $db_version_patch /**/
?H:.
?F:!try
?LINT:change libs
: see if this is a db.h system
set db.h i_db
eval $inhdr

case "$i_db" in
$define)
 : Check db version.
 echo " "
 echo "Checking Berkeley DB version ..." >&4
 $cat >try.c <<EOCP
#include <sys/types.h>
#include <stdio.h>
#$i_stdlib I_STDLIB
#ifdef I_STDLIB
#include <stdlib.h>
#endif
#include <db.h>
int main(int argc, char *argv[])
{
#ifdef DB_VERSION_MAJOR /* DB version >= 2 */
   int Major, Minor, Patch ;
```

```
  unsigned long Version ;
  (void)db_version(&Major,
 &Minor, &Patch) ;
  if (argc == 2) {
      printf("%d %d %d %d %d %d\n",
            DB_VERSION_MAJOR, DB_VERSION_MINOR, DB_VERSION_PATCH,
            Major, Minor, Patch);
      exit(0);
  }
  printf("You have Berkeley DB Version 2 or greater.\n");

  printf("db.h is from Berkeley DB Version %d.%d.%d\n",
 DB_VERSION_MAJOR, DB_VERSION_MINOR, DB_VERSION_PATCH);
  printf("libdb is from Berkeley DB Version %d.%d.%d\n",
 Major, Minor, Patch) ;

  /* check that db.h & libdb are compatible */
  if (DB_VERSION_MAJOR != Major || DB_VERSION_MINOR != Minor || DB_VERSION_PATCH != Patch) {
 printf("db.h and libdb are incompatible.\n") ;
      exit(3);
  }

  printf("db.h and libdb are compatible.\n") ;

  Version = DB_VERSION_MAJOR * 1000000 + DB_VERSION_MINOR * 1000
 + DB_VERSION_PATCH ;

  /* needs to be >= 2.3.4 */
  if (Version < 2003004) {
  /* if (DB_VERSION_MAJOR == 2 && DB_VERSION_MINOR == 0 && DB_VERSION_PATCH < 5) { */
 printf("Perl needs
 Berkeley DB 2.3.4 or greater.\n") ;
      exit(2);
  }

  exit(0);
#else
#if defined(_DB_H_) && defined(BTREEMAGIC) && defined(HASHMAGIC)
  if (argc == 2) {
      printf("1 0 0\n");
      exit(0);
  }
  printf("You have Berkeley DB Version 1.\n");
  exit(0); /* DB version < 2: the coast is clear. */
#else
  exit(1); /* <db.h> not Berkeley DB? */
#endif
#endif
```

```
}
EOCP
 set try
 if eval $compile_ok && $run ./try; then
  echo 'Looks OK.' >&4
  set `$run ./try 1`
  db_version_major=$1
  db_version_minor=$2
  db_version_patch=$3
 else
  echo "I can't use Berkeley DB with your <db.h>.  I'll disable Berkeley DB." >&4
  i_db=$undef
  case " $libs " in
  *"-ldb "*)
   : Remove db from list of libraries to use
   echo "Removing unusable -ldb from library list" >&4
   set `echo X $libs | $sed -e 's/-ldb / /' -e 's/-ldb$//'`
   shift
   libs="$*"
   echo "libs = $libs" >&4
   ;;
  esac
 fi
 $rm_try
 ;;
esac

@if DB_Hash_t
case "$i_db" in
define)
 : Check the return type needed
 for hash
 echo " "
 echo "Checking return type needed for hash for Berkeley DB ..." >&4
 $cat >try.c <<EOCP
#include <sys/types.h>
#include <db.h>

#ifndef DB_VERSION_MAJOR
u_int32_t hash_cb (const void* ptr, size_t size)
{
 return 0;
}
HASHINFO info;
int main()
{
 info.hash = hash_cb;
}
```

```
#endif
EOCP
 if $cc $ccflags -c try.c >try.out 2>&1 ; then
  if $contains warning try.out >>/dev/null 2>&1 ; then
   db_hashtype='int'
  else
   db_hashtype='u_int32_t'
  fi
 else
  : XXX Maybe we should just give up here.
  db_hashtype=u_int32_t
  $cat try.out >&4
  echo "Help:  I can't seem to compile the db test program." >&4
  echo "Something's wrong, but I'll assume you use $db_hashtype." >&4
 fi
 $rm_try
 echo "Your version of Berkeley DB uses $db_hashtype for hash."
 ;;
*) db_hashtype=u_int32_t
 ;;
esac
@end
@if DB_Prefix_t
case "$i_db" in
define)
 : Check the return type needed for prefix
 echo " "
 echo "Checking return type needed for prefix for Berkeley DB ..." >&4
 cat >try.c <<EOCP
#include
 <sys/types.h>
#include <db.h>

#ifndef DB_VERSION_MAJOR
size_t prefix_cb (const DBT *key1, const DBT *key2)
{
 return 0;
}
BTREEINFO info;
int main()
{
 info.prefix = prefix_cb;
}
#endif
EOCP
 if $cc $ccflags -c try.c  >try.out 2>&1 ; then
  if $contains warning try.out >>/dev/null 2>&1 ; then
   db_prefixtype='int'
```

```
  else
   db_prefixtype='size_t'
  fi
 else
  db_prefixtype='size_t'
  : XXX Maybe we should just give up here.
  $cat try.out >&4
  echo "Help:  I can't seem to compile the db test program." >&4
  echo "Something's wrong, but I'll assume you use $db_prefixtype." >&4
 fi
 $rm_try
 echo "Your version of Berkeley DB uses $db_prefixtype for prefix."
 ;;
*) db_prefixtype='size_t'
 ;;
esac
@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_db.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getnetbyaddr_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_getnetbyaddr_r getnetbyaddr_r_proto: Inlibc Protochk Hasproto \
 i_systypes usethreads i_netdb extern_C
?MAKE: -pick add $@ %<
?S:d_getnetbyaddr_r:
?S: This variable conditionally defines the HAS_GETNETBYADDR_R symbol,
?S: which indicates to the C program that the getnetbyaddr_r()
?S: routine is available.
?S:.
?S:getnetbyaddr_r_proto:
?S: This variable encodes the prototype of getnetbyaddr_r.
?S: It is zero if d_getnetbyaddr_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getnetbyaddr_r
?S: is defined.
?S:.
?C:HAS_GETNETBYADDR_R:
?C: This symbol, if defined, indicates that
```

```
 the getnetbyaddr_r routine
?C: is available to getnetbyaddr re-entrantly.
?C:.
?C:GETNETBYADDR_R_PROTO:
?C: This symbol encodes the prototype of getnetbyaddr_r.
?C: It is zero if d_getnetbyaddr_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getnetbyaddr_r
?C: is defined.
?C:.
?H:#$d_getnetbyaddr_r HAS_GETNETBYADDR_R /**/
?H:#define GETNETBYADDR_R_PROTO $getnetbyaddr_r_proto /**/
?H:.
?T:try hdrs d_getnetbyaddr_r_proto
: see if getnetbyaddr_r exists
set getnetbyaddr_r d_getnetbyaddr_r
eval $inlibc
case "$d_getnetbyaddr_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_netdb netdb.h"
 case "$d_getnetbyaddr_r_proto:$usethreads" in
 ":define") d_getnetbyaddr_r_proto=define
  set d_getnetbyaddr_r_proto getnetbyaddr_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_getnetbyaddr_r_proto" in
 define)
 case "$getnetbyaddr_r_proto" in
 "|0) try='int getnetbyaddr_r(unsigned long, int, struct netent*, char*, size_t, struct netent**, int*);'
 ./protochk
 "$extern_C $try" $hdrs && getnetbyaddr_r_proto=I_UISBWRE ;;
 esac
 case "$getnetbyaddr_r_proto" in
 "|0) try='int getnetbyaddr_r(long, int, struct netent*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getnetbyaddr_r_proto=I_LISBI ;;
 esac
 case "$getnetbyaddr_r_proto" in
 "|0) try='struct netent* getnetbyaddr_r(in_addr_t, int, struct netent*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getnetbyaddr_r_proto=S_TISBI ;;
 esac
 case "$getnetbyaddr_r_proto" in
 "|0) try='struct netent* getnetbyaddr_r(long, int, struct netent*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getnetbyaddr_r_proto=S_LISBI ;;
 esac
 case "$getnetbyaddr_r_proto" in
 "|0) try='int getnetbyaddr_r(in_addr_t, int, struct netent*, struct netent_data*);'
 ./protochk "$extern_C $try" $hdrs && getnetbyaddr_r_proto=I_TISD ;;
 esac
```

```
 case "$getnetbyaddr_r_proto" in
 "|0) try='int getnetbyaddr_r(long, int, struct netent*, struct netent_data*);'
 ./protochk "$extern_C $try" $hdrs && getnetbyaddr_r_proto=I_LISD
 ;;
 esac
 case "$getnetbyaddr_r_proto" in
 "|0) try='int getnetbyaddr_r(int, int, struct netent*, struct netent_data*);'
 ./protochk "$extern_C $try" $hdrs && getnetbyaddr_r_proto=I_IISD ;;
 esac
 case "$getnetbyaddr_r_proto" in
 "|0) try='int getnetbyaddr_r(uint32_t, int, struct netent*, char*, size_t, struct netent**, int*);'
 ./protochk "$extern_C $try" $hdrs && getnetbyaddr_r_proto=I_uISBWRE ;;
 esac
 case "$getnetbyaddr_r_proto" in
 "|0) d_getnetbyaddr_r=undef
  getnetbyaddr_r_proto=0
  echo "Disabling getnetbyaddr_r, cannot determine prototype." >&4 ;;
 * ) case "$getnetbyaddr_r_proto" in
  REENTRANT_PROTO*) ;;
  *) getnetbyaddr_r_proto="REENTRANT_PROTO_$getnetbyaddr_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "getnetbyaddr_r has no prototype, not using it." >&4 ;;
  esac
  d_getnetbyaddr_r=undef
  getnetbyaddr_r_proto=0
  ;;
 esac
 ;;
*) getnetbyaddr_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getnetbyaddr_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_getpwent_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
```

```
?RCS:
?MAKE:d_getpwent_r getpwent_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_pwd extern_C
?MAKE: -pick add $@ %<
?S:d_getpwent_r:
?S: This variable conditionally defines the HAS_GETPWENT_R symbol,
?S: which indicates to the C program that the getpwent_r()
?S: routine is available.
?S:.
?S:getpwent_r_proto:
?S: This variable encodes the prototype of getpwent_r.
?S: It is zero if d_getpwent_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getpwent_r
?S: is defined.
?S:.
?C:HAS_GETPWENT_R:
?C: This symbol, if defined, indicates that the getpwent_r routine
?C: is available to
 getpwent re-entrantly.
?C:.
?C:GETPWENT_R_PROTO:
?C: This symbol encodes the prototype of getpwent_r.
?C: It is zero if d_getpwent_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_getpwent_r
?C: is defined.
?C:.
?H:#$d_getpwent_r HAS_GETPWENT_R /**/
?H:#define GETPWENT_R_PROTO $getpwent_r_proto /**/
?H:.
?T:try hdrs d_getpwent_r_proto
: see if getpwent_r exists
set getpwent_r d_getpwent_r
eval $inlibc
case "$d_getpwent_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_pwd pwd.h"
 case "$d_getpwent_r_proto:$usethreads" in
 ":define") d_getpwent_r_proto=define
  set d_getpwent_r_proto getpwent_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_getpwent_r_proto" in
 define)
 case "$getpwent_r_proto" in
 "|0) try='int getpwent_r(struct passwd*, char*, size_t, struct passwd**);'
 ./protochk "$extern_C $try" $hdrs && getpwent_r_proto=I_SBWR ;;
 esac
```

```
 case "$getpwent_r_proto" in
"|0) try='int getpwent_r(struct passwd*, char*, int, struct passwd**);'
 ./protochk
"$extern_C $try" $hdrs && getpwent_r_proto=I_SBIR ;;
 esac
 case "$getpwent_r_proto" in
"|0) try='struct passwd* getpwent_r(struct passwd*, char*, size_t);'
 ./protochk "$extern_C $try" $hdrs && getpwent_r_proto=S_SBW ;;
 esac
 case "$getpwent_r_proto" in
"|0) try='struct passwd* getpwent_r(struct passwd*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getpwent_r_proto=S_SBI ;;
 esac
 case "$getpwent_r_proto" in
"|0) try='int getpwent_r(struct passwd*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && getpwent_r_proto=I_SBI ;;
 esac
 case "$getpwent_r_proto" in
"|0) try='int getpwent_r(struct passwd*, char*, int, FILE**);'
 ./protochk "$extern_C $try" $hdrs && getpwent_r_proto=I_SBIH ;;
 esac
 case "$getpwent_r_proto" in
"|0) d_getpwent_r=undef
  getpwent_r_proto=0
  echo "Disabling getpwent_r, cannot determine prototype." >&4 ;;
* ) case "$getpwent_r_proto" in
  REENTRANT_PROTO*) ;;
  *) getpwent_r_proto="REENTRANT_PROTO_$getpwent_r_proto" ;;
  esac
  echo
"Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "getpwent_r has no prototype, not using it." >&4 ;;
  esac
  d_getpwent_r=undef
  getpwent_r_proto=0
  ;;
 esac
 ;;
*) getpwent_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_getpwent_r.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_munmap.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_munmap.U,v $
?RCS: Revision 3.0.1.1  1993/12/15  08:19:22  ram
?RCS: patch15: created
?RCS:
?MAKE:d_munmap: Inlibc
?MAKE: -pick add $@ %<
?S:d_munmap:
?S: This variable conditionally defines HAS_MUNMAP if munmap() is
?S: available to unmap a region mapped by mmap().
?S:.
?C:HAS_MUNMAP:
?C: This symbol, if defined, indicates that the munmap system call is
?C: available to unmap a region, usually mapped by mmap().
?C:.
?H:#$d_munmap HAS_MUNMAP  /**/
?H:.
?LINT:set
 d_munmap
: see if munmap exists
set munmap d_munmap
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_munmap.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:usemultiplicity: useithreads Myread Oldconfig Setvar
?MAKE: -pick add $@ %<
```

```
?Y:TOP
?S:usemultiplicity:
?S: This variable conditionally defines the MULTIPLICITY symbol,
?S: and indicates that Perl should be built to use multiplicity.
?S:.
?C:MULTIPLICITY:
?C: This symbol, if defined, indicates that Perl should
?C: be built to use multiplicity.
?C:.
?H:?%<:#ifndef MULTIPLICITY
?H:?%<:#$usemultiplicity MULTIPLICITY  /**/
?H:?%<:#endif
?H:.
?LINT:set usemultiplicity
?INIT:: set usemultiplicity on the Configure command line to enable multiplicity.
: Check if multiplicity is required
?X: We should really have some explanatory text here, and some
?X: automatic setting of sensible defaults.
cat <<EOM

Perl
 can be built so that multiple Perl interpreters can coexist
within the same Perl executable.
EOM

case "$useithreads" in
$define)
 cat <<EOM
This multiple interpreter support is required for interpreter-based threads.
EOM
 val="$define"
 ;;
*) case "$usemultiplicity" in
 $define|true|[yY]*) dflt='y';;
 *) dflt='n';;
 esac
 echo " "
 echo "If this doesn't make any sense to you, just accept the default '$dflt'."
 rp='Build Perl for multiplicity?'
 . ./myread
 case "$ans" in
 y|Y) val="$define" ;;
 *)      val="$undef" ;;
 esac
 ;;
esac
set usemultiplicity
eval $setvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/usemultiplicity.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_shmdt.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_shmdt.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:19  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_shmdt: Inlibc
?MAKE: -pick add $@ %<
?S:d_shmdt:
?S: This variable conditionally defines the HAS_SHMDT symbol, which
?S: indicates to the C program that the shmdt() routine is available.
?S:.
?C:HAS_SHMDT:
?C: This symbol, if defined, indicates that the shmdt() routine is
?C: available to detach a shared memory segment from the process
 space.
?C:.
?H:#$d_shmdt HAS_SHMDT  /**/
?H:.
?LINT:set d_shmdt
: see if shmdt exists
set shmdt d_shmdt
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_shmdt.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysstatfs.U,v $
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_sysstatfs: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_sysstatfs:
?S: This variable conditionally defines the I_SYSSTATFS symbol,
?S: and indicates whether a C program should include <sys/statfs.h>.
?S:.
?C:I_SYS_STATFS:
?C: This symbol, if defined, indicates that <sys/statfs.h> exists.
?C:.
?H:#$i_sysstatfs I_SYS_STATFS  /**/
?H:.
?LINT:set i_sysstatfs
: see if this is a sys/statfs.h system
set sys/statfs.h i_sysstatfs
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_sysstatfs.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_dlfcn.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: i_dlfcn.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:21:53  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:i_dlfcn: Inhdr
?MAKE: -pick add $@ %<
?S:i_dlfcn:
?S: This variable conditionally defines the I_DLFCN symbol, which
?S: indicates to the C program that <dlfcn.h> exists and should
?S: be included.
?S:.
?C:I_DLFCN:
?C: This symbol, if defined, indicates that <dlfcn.h> exists
```

```
 and should
?C: be included.
?C:.
?H:#$i_dlfcn I_DLFCN  /**/
?H:.
?LINT:set i_dlfcn
: see if dlfcn is available
set dlfcn.h i_dlfcn
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_dlfcn.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_ctime_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_ctime_r ctime_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_time i_systime extern_C
?MAKE: -pick add $@ %<
?S:d_ctime_r:
?S: This variable conditionally defines the HAS_CTIME_R symbol,
?S: which indicates to the C program that the ctime_r()
?S: routine is available.
?S:.
?S:ctime_r_proto:
?S: This variable encodes the prototype of ctime_r.
?S: It is zero if d_ctime_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_ctime_r
?S: is defined.
?S:.
?C:HAS_CTIME_R:
?C: This symbol, if defined, indicates that the ctime_r routine
?C: is available to ctime re-entrantly.
?C:.
?C:CTIME_R_PROTO:
?C: This
 symbol encodes the prototype of ctime_r.
?C: It is zero if d_ctime_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_ctime_r
?C: is defined.
?C:.
```

```
?H:#$d_ctime_r HAS_CTIME_R /**/
?H:#define CTIME_R_PROTO $ctime_r_proto /**/
?H:.
?T:try hdrs d_ctime_r_proto
: see if ctime_r exists
set ctime_r d_ctime_r
eval $inlibc
case "$d_ctime_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_time time.h $i_systime sys/time.h"
 case "$d_ctime_r_proto:$usethreads" in
 ":define") d_ctime_r_proto=define
  set d_ctime_r_proto ctime_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_ctime_r_proto" in
 define)
 case "$ctime_r_proto" in
 "|0) try='char* ctime_r(const time_t*, char*);'
 ./protochk "$extern_C $try" $hdrs && ctime_r_proto=B_SB ;;
 esac
 case "$ctime_r_proto" in
 "|0) try='char* ctime_r(const time_t*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && ctime_r_proto=B_SBI ;;
 esac
 case "$ctime_r_proto" in
 "|0) try='int ctime_r(const
 time_t*, char*);'
 ./protochk "$extern_C $try" $hdrs && ctime_r_proto=I_SB ;;
 esac
 case "$ctime_r_proto" in
 "|0) try='int ctime_r(const time_t*, char*, int);'
 ./protochk "$extern_C $try" $hdrs && ctime_r_proto=I_SBI ;;
 esac
 case "$ctime_r_proto" in
 "|0) d_ctime_r=undef
  ctime_r_proto=0
  echo "Disabling ctime_r, cannot determine prototype." >&4 ;;
 * ) case "$ctime_r_proto" in
  REENTRANT_PROTO*) ;;
  *) ctime_r_proto="REENTRANT_PROTO_$ctime_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "ctime_r has no prototype, not using it." >&4 ;;
```

```
  esac
  d_ctime_r=undef
  ctime_r_proto=0
  ;;
 esac
 ;;
*) ctime_r_proto=0
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_ctime_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: ccflags.U,v 3.0.1.9 1997/02/28 15:27:07 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: ccflags.U,v $
?RCS: Revision 3.0.1.9  1997/02/28  15:27:07  ram
?RCS: patch61: removed support for NO_PROTOTYPE detection on SCO
?RCS: patch61: new locincpth variable
?RCS: patch61: added info on the "additional ld flags" question
?RCS:
?RCS: Revision 3.0.1.8  1995/07/25  13:48:54  ram
?RCS: patch56: re-arranged compile line to include ldflags before objects
?RCS:
?RCS: Revision 3.0.1.7  1995/05/12  12:08:33  ram
?RCS: patch54: now checks for cc/ccflags/ldflags
 coherency
?RCS:
?RCS: Revision 3.0.1.6  1994/10/29  16:07:02  ram
?RCS: patch36: gcc versioning no longer relies on the C compiler's name
?RCS: patch36: simplified check for gcc version checking (ADO)
?RCS:
?RCS: Revision 3.0.1.5  1994/08/29  16:06:35  ram
?RCS: patch32: propagate -posix flag from ccflags to ldflags
?RCS:
?RCS: Revision 3.0.1.4  1994/05/06  14:28:45  ram
?RCS: patch23: -fpcc-struct-return only needed in gcc 1.x (ADO)
?RCS: patch23: cppflags now computed on an option-by-option basis
```

```
?RCS: patch23: magically added cc flags now only done the first time
?RCS:
?RCS: Revision 3.0.1.3  1993/09/13  15:58:29  ram
?RCS: patch10: explicitly mention -DDEBUG just in case they need it (WAD)
?RCS: patch10: removed all the "tans" variable usage (WAD)
?RCS:
?RCS: Revision 3.0.1.2  1993/08/27  14:39:38  ram
?RCS: patch7: added support for OSF/1 machines
?RCS:
?RCS: Revision 3.0.1.1  1993/08/25  14:00:24  ram
?RCS: patch6: added defaults for cppflags, ccflags and ldflags
?RCS:
?RCS:
 Revision 3.0  1993/08/18  12:05:31  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:ccflags ldflags lkflags cppflags optimize locincpth: test cat osname \
 Myread Guess Options Oldconfig +gccversion mips_type +usrinc \
 package contains rm +cc cppstdin cppminus cpprun cpplast libpth \
 libs loclibpth hint usesocks sh run rm_try sysroot
?MAKE: -pick add $@ %<
?S:ccflags:
?S: This variable contains any additional C compiler flags desired by
?S: the user.  It is up to the Makefile to use this.
?S:.
?S:cppflags:
?S: This variable holds the flags that will be passed to the C pre-
?S: processor. It is up to the Makefile to use it.
?S:.
?S:optimize:
?S: This variable contains any optimizer/debugger flag that should be used.
?S: It is up to the Makefile to use it.
?S:.
?S:ldflags:
?S: This variable contains any additional C loader flags desired by
?S: the user.  It is up to the Makefile to use this.
?S:.
?S:lkflags:
?S: This variable contains any additional C partial linker flags
 desired by
?S: the user.  It is up to the Makefile to use this.
?S:.
?S:locincpth:
?S: This variable contains a list of additional directories to be
?S: searched by the compiler.  The appropriate '-I' directives will
?S: be added to ccflags.  This is intended to simplify setting
?S: local directories from the Configure command line.
?S: It's not much, but it parallels the loclibpth stuff in libpth.U.
```

```
?S:.
?T:inctest thisincl xxx inclwanted ftry previous thislibdir
?T:EBUGGING DEBUGGING
?T:check flag callback checkccflag
?F:!cpp.c !gcctest !try
?D:cppflags=''
?D:ccflags=''
?D:ldflags=''
?D:optimize=''
?LINT:extern _sysroot
?INIT:: Possible local include directories to search.
?INIT:: Set locincpth to "" in a hint file to defeat local include searches.
?INIT:locincpth="/usr/local/include /opt/local/include /usr/gnu/include"
?INIT:locincpth="$locincpth /opt/gnu/include /usr/GNU/include /opt/GNU/include"
?INIT::
?INIT:: no include file wanted by default
?INIT:inclwanted=''
?INIT:
?INIT::
 Enable -DEBUGGING and -DDEBUGGING from the command line
?INIT:EBUGGING=''
?INIT:DEBUGGING=''
?INIT:
: determine optimization, if desired, or use for debug flag also
?X: Allow for Configure -Uoptimize -- it's not strictly sensible, but
?X: it has happened and we know what they mean.   AD  2/16/98
case "$optimize" in
' '|$undef) dflt='none';;
'') dflt='-O';;
*) dflt="$optimize";;
esac
$cat <<EOH

By default, $package compiles with the -O flag to use the optimizer.
Alternately, you might want to use the symbolic debugger, which uses
the -g flag (on traditional Unix systems).  Either flag can be
specified here.  To use neither flag, specify the word "none".

EOH
rp="What optimizer/debugger flag should be used?"
. ./myread
optimize="$ans"
case "$optimize" in
'none') optimize=" ";;
esac

: Check what DEBUGGING is required from the command line
: -DEBUGGING      or -DDEBUGGING or
```

```
: -DEBUGGING=both   = -g + -DDEBUGGING
: -DEBUGGING=-g   or -Doptimize=-g = -g
: -DEBUGGING=none or -UDEBUGGING =
:
 -DEBUGGING=old  or -DEBUGGING=default = ? $optimize
case "$EBUGGING" in
") ;;
*) DEBUGGING=$EBUGGING ;;
esac

case "$DEBUGGING" in
-g|both|$define)
   case "$optimize" in
 *-g*) ;;
 *)    optimize="$optimize -g" ;;
   esac ;;
none|$undef)
   case "$optimize" in
 *-g*) set `echo "X $optimize " | sed 's/ -g / /'`
  shift
  optimize="$*"
  ;;
   esac ;;
esac

dflt="
case "$DEBUGGING" in
both|$define) dflt='-DDEBUGGING'
esac

: argument order is deliberate, as the flag will start with - which set could
: think is an option
checkccflag='check=$1; flag=$2; callback=$3;
echo " ";
echo "Checking if your compiler accepts $flag" 2>&1;
[ "X$sysroot" != "X" ] && echo "For sysroot = $sysroot";
echo "int main(void) { return 0; }" > gcctest.c;
if $cc $_sysroot -O2 $flag -o gcctest gcctest.c 2>gcctest.out && $run ./gcctest; then
   echo "Yes, it does." 2>&1;
   if $test -s gcctest.out ; then
       echo "But your platform does not like it:";
       cat gcctest.out;
   else
 case "$ccflags"
 in
 *$check*)
     echo "Leaving current flags $ccflags alone." 2>&1
     ;;
```

```
 *) dflt="$dflt $flag";
     eval $callback
     ;;
 esac
   fi
else
   echo "Nope, it does not, but that is ok." 2>&1;
fi
'

: We will not override a previous value, but we might want to
: augment a hint file
case "$hint" in
default|recommended)
 case "$gccversion" in
 1*) dflt="$dflt -fpcc-struct-return" ;;
 esac
 case "$optimize:$DEBUGGING" in
 *-g*:old) dflt="$dflt -DDEBUGGING";;
 esac
?X: check for POSIXized ISC
 case "$gccversion" in
 2*) if $test -d /etc/conf/kconfig.d &&
   $contains _POSIX_VERSION $usrinc/sys/unistd.h >/dev/null 2>&1
  then
   # Interactive Systems (ISC) POSIX mode.
   dflt="$dflt -posix"
  fi
  ;;
 esac
?X: If the user has gcc-2.95 or greater, try adding -fno-strict-alias.
?X: Since the gcc "version" can be non-numeric, e.g.
?X: "2.95.1 19990809 (prerelease)" , we'll do the test on any version
?X: greater than 2.8.
?X: --Andy Dougherty  27 Aug 1999
 case "$gccversion" in
 1*) ;;
 2.[0-8]*)
 ;;
 ?*) set strict-aliasing -fno-strict-aliasing
  eval $checkccflag
  ;;
 esac
?X: HMB 200405
?X: -pipe has shown a compile time speedup of about 40% on Linux and HP-UX
?X: and also worked on cygwin-1.5.9
?X: If a system fails, disable it in the hints. 99% of gcc uses binutils
 # For gcc, adding -pipe speeds up compilations for some, but apparently
```

```
 # some assemblers can't read from stdin.  (It also slows down compilations
 # in other cases, but those are apparently rarer these days.)  AD 5/2004.
 case "$gccversion" in
 ?*) set pipe -pipe
  eval $checkccflag
  ;;
 esac

?X: NWC 200712
 # on x86_64 (at least) we require an extra library (libssp) in the
 # link command line. This library is not named, so I infer that it is
 # an implementation detail that may change. Hence the safest approach
 # is to add the flag to the flags passed to the compiler at link time,
 # as that way the compiler can do the right implementation dependant
 # thing. (NWC)
 case "$osname" in
 amigaos)
 ;; # -fstack-protector builds but doesn't work
 *) case "$gccversion" in
  ?*) set stack-protector-strong -fstack-protector-strong
   eval $checkccflag
   case "$dflt" in
   *-fstack-protector-strong*) ;; # It got added.
   *) # Try the plain/older -fstack-protector.
      set stack-protector -fstack-protector
      eval $checkccflag
      ;;
   esac
   ;;
  esac
  ;;
 esac
 ;;
esac

?X: In USG mode, a MIPS system may need some BSD includes
case "$mips_type" in
*BSD*|") inclwanted="$locincpth $usrinc";;
*) inclwanted="$locincpth $inclwanted $usrinc/bsd";;
esac
for thisincl in $inclwanted; do
 if $test -d $thisincl; then
  if $test x$thisincl != x$usrinc; then
   case "$dflt" in
   *" -I$thisincl "*);;
   *) dflt="$dflt -I$thisincl ";;
   esac
  fi
```

```
 fi
done

?X: Include test function (header, symbol)
inctest='if $contains $2 $usrinc/$1 >/dev/null 2>&1; then
 xxx=true;
elif $contains $2 $usrinc/sys/$1 >/dev/null 2>&1; then
 xxx=true;
else
 xxx=false;
fi;
if $xxx; then
 case "$dflt" in
 *$2*);;
 *)
 dflt="$dflt -D$2";;
 esac;
fi'

set signal.h LANGUAGE_C; eval $inctest

case "$usesocks" in
$define)
 ccflags="$ccflags -DSOCKS"
 ;;
esac

case "$hint" in
default|recommended) dflt="$ccflags $dflt" ;;
*) dflt="$ccflags";;
esac

case "$dflt" in
"|' ') dflt=none;;
esac

$cat <<EOH

Your C compiler may want other flags.  For this question you should include
-I/whatever and -DWHATEVER flags and any other flags used by the C compiler,
but you should NOT include libraries or ld flags like -lwhatever.  If you
want $package to honor its debug switch, you should include -DDEBUGGING here.
Your C compiler might also need additional flags, such as -D_POSIX_SOURCE.

To use no flags, specify the word "none".

EOH
?X: strip leading space
```

```
set X $dflt
shift
dflt=${1+"$@"}
rp="Any additional cc flags?"
. ./myread
case "$ans" in
none) ccflags="";;
*) ccflags="$ans";;
esac

: the following weeds options from ccflags that are of no interest to cpp
case "$cppflags" in
") cppflags="$ccflags"
 ;;
*)  set X $ccflags; shift
   case " $cppflags " in
   *" $1 "*) ;;  # Try to avoid doubling the cppflags.
   *) cppflags="$cppflags $ccflags" ;;
   esac
   ;;
esac
case "$gccversion" in
1*) cppflags="$cppflags -D__GNUC__"
esac
case "$mips_type" in
");;
*BSD*) cppflags="$cppflags -DSYSTYPE_BSD43";;
esac
case "$cppflags" in
");;
*)
 echo " "
 echo "Let me guess what the preprocessor flags are..." >&4
 set X $cppflags
 shift
 cppflags="
 $cat >cpp.c <<'EOM'
#define BLURFL foo

BLURFL xx LFRULB
EOM
?X:
?X: For each cc flag, try it out with both cppstdin and cpprun, since the
?X: first is almost surely a cc wrapper. We have to try both in case
?X: of cc flags like '-Olimit 2900' that are actually two words...
?X:
 previous="
 for flag in $*
```

```
 do
  case "$flag" in
  -*) ftry="$flag";;
  *) ftry="$previous $flag";;
  esac
  if $cppstdin -DLFRULB=bar $cppflags $ftry $cppminus <cpp.c \
   >cpp1.out 2>/dev/null && \
   $cpprun -DLFRULB=bar $cppflags $ftry $cpplast <cpp.c \
   >cpp2.out
 2>/dev/null && \
   $contains 'foo.*xx.*bar' cpp1.out >/dev/null 2>&1 && \
   $contains 'foo.*xx.*bar' cpp2.out >/dev/null 2>&1
  then
   cppflags="$cppflags $ftry"
   previous="
  else
   previous="$flag"
  fi
 done
 set X $cppflags
 shift
 cppflags=${1+"$@"}
 case "$cppflags" in
 *-*)  echo "They appear to be: $cppflags";;
 esac
 $rm -f cpp.c cpp?.out
 ;;
esac

: flags used in final linking phase
case "$ldflags" in
") if ./venix; then
  dflt='-i -z'
 else
  dflt="
 fi
 case "$ccflags" in
 *-posix*) dflt="$dflt -posix" ;;
 esac
 ;;
*) dflt="$ldflags";;
esac
# See note above about -fstack-protector
case "$ccflags" in
*-fstack-protector-strong*)
 case "$dflt" in
 *-fstack-protector-strong*) ;; # Don't add it again
 *) dflt="$dflt -fstack-protector-strong" ;;
```

```
 esac
 ;;
*-fstack-protector*)
 case "$dflt" in
 *-fstack-protector*) ;; # Don't add it again
 *) dflt="$dflt -fstack-protector" ;;
 esac
 ;;
esac

: Try to guess additional flags to pick up local libraries.
for thislibdir in $libpth;
 do
 case " $loclibpth " in
 *" $thislibdir "*)
  case "$dflt " in
  *"-L$thislibdir "*) ;;
  *)  dflt="$dflt -L$thislibdir" ;;
  esac
  ;;
 esac
done

case "$dflt" in
") dflt='none' ;;
esac

$cat <<EOH

Your C linker may need flags.  For this question you should
include -L/whatever and any other flags used by the C linker, but you
should NOT include libraries like -lwhatever.

Make sure you include the appropriate -L/path flags if your C linker
does not normally search all of the directories you specified above,
namely
 $libpth
To use no flags, specify the word "none".

EOH

rp="Any additional ld flags (NOT including libraries)?"
. ./myread
case "$ans" in
none) ldflags=";;
*) ldflags="$ans";;
esac
rmlist="$rmlist pdp11"
```

```
@if lkflags
: partial linking may need other flags
case "$lkflags" in
") case "$ldflags" in
 ") dflt='none';;
 *) dflt="$ldflags";;
 esac;;
*) dflt="$lkflags";;
esac
echo " "
rp="Partial linking flags to be used (NOT including -r)?"
. ./myread
case "$ans" in
none)
 lkflags=";;
*) lkflags="$ans";;
esac

@end
?X:
?X: If the user changes compilers after selecting a hint file, it's
?X: possible that the suggested ccflags/ldflags will be wrong.  Try to
?X: compile and run a simple test program.  Let the user see all the
?X: error messages. -- ADO and RAM
?X: Sometimes, particularly on Linux systems, there is a bad library
?X: (e.g. a dangling symlink or incompatible library or a "run-time"
?X: version but not a "development" version of a library).  This test
?X: will catch those sorts of problems too, though how to fix them
?X: may not be obvious.
?X:
: coherency check
echo " "
echo "Checking your choice of C compiler and flags for coherency..." >&4
$cat > try.c <<'EOF'
#include <stdio.h>
int main() { printf("Ok\n"); return(0); }
EOF
?X: Strip extra blanks in case some of the following variables are empty
set X $cc -o try $optimize $ccflags $ldflags try.c $libs
shift
$cat >try.msg <<'EOM'
I've tried to compile and run the following simple program:

EOM
$cat
 try.c >> try.msg
```

```
$cat >> try.msg <<EOM

I used the command:

 $*
 $run ./try

and I got the following output:

EOM
dflt=y
?X: Use "sh -c" to avoid error messages tagged with leading "Configure:".
?X: We need to try the resulting executable, because cc might yield a 0 status
?X: even when ld failed, in which case the executable will not run properly,
?X: if its x bit is set at all...
if $sh -c "$cc -o try $optimize $ccflags $ldflags try.c $libs" >>try.msg 2>&1; then
 if $sh -c "$run ./try " >>try.msg 2>&1; then
  xxx=`$run ./try`
  case "$xxx" in
  "Ok") dflt=n ;;
  *)    echo 'The program compiled OK, but produced no output.' >> try.msg ;;
  esac
 else
  echo "The program compiled OK, but exited with status $?." >>try.msg
  rp="You have a problem.  Shall I abort Configure"
  dflt=y
 fi
else
 echo "I can't compile the test program." >>try.msg
 rp="You have a BIG problem.  Shall I abort Configure"
 dflt=y
fi
case "$dflt" in
y)
 $cat try.msg >&4
?X: using -K will prevent
 default aborting--maybe they're cross compiling?
 case "$knowitall" in
 ")
  echo "(The supplied flags or libraries might be incorrect.)"
  ;;
 *) dflt=n;;
 esac
 echo " "
 . ./myread
 case "$ans" in
 n*|N*) ;;
 *) echo "Ok.  Stopping Configure." >&4
```

```
  exit 1
  ;;
 esac
 ;;
n) echo "OK, that should do.";;
esac
$rm_try gcctest gcctest.out
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/ccflags.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:d__fwalk: Inlibc
?MAKE: -pick add $@ %<
?S:d__fwalk:
?S: This variable conditionally defines HAS__FWALK if _fwalk() is
?S: available to apply a function to all the file handles.
?S:.
?C:HAS__FWALK:
?C: This symbol, if defined, indicates that the _fwalk system call is
?C: available to apply a function to all the file handles.
?C:.
?H:#$d__fwalk HAS__FWALK  /**/
?H:.
?LINT:set d__fwalk
: see if _fwalk exists
set fwalk d__fwalk
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d__fwalk.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: rootid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: rootid.U,v $
?RCS: Revision 3.0.1.1  1995/01/30  14:45:36  ram
?RCS: patch49: now only prints a single empty line when outputting something
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:42  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:rootid: sed
?MAKE: -pick add $@ %<
?S:rootid:
?S: This variable contains the eventual value of the ROOTID symbol,
?S: which is the uid of root.
?S:.
?C:ROOTID:
?C: This symbol contains the uid of root, normally
 0.
?C:.
?H:#define ROOTID $rootid  /**/
?H:.
: determine root id
rootid=`$sed -e "/^root:/{s/^[^:]*:[^:]*:\([^:]*\).*'''$'''/\1/" -e "q" -e "}" -e "d" </etc/passwd`
case "$rootid" in
") rootid=0 ;;
*) echo " "; echo "Root uid = $rootid" >&4 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/rootid.U
No license file was found, but licenses were detected in source scan.

```
/*
* $Id: scandir.C,v 3.0.1.1 1994/01/24 13:58:45 ram Exp ram $
*
*  Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
*
*  You may redistribute only under the terms of the Artistic Licence,
*  as specified in the README file that comes with the distribution.
*  You may reuse parts of this distribution only within the terms of
*  that same Artistic Licence; a copy of which may be found at the root
*  of the source tree for dist 4.0.
```

```
*
* $Log: scandir.C,v $
* Revision 3.0.1.1  1994/01/24  13:58:45  ram
* patch16: created
*
*/
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/C/fake/scandir.C
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_unistd.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_unistd.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:46  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_unistd: Inhdr
?MAKE: -pick add $@ %<
?S:i_unistd:
?S: This variable conditionally defines the I_UNISTD symbol, and indicates
?S: whether a C program should include <unistd.h>.
?S:.
?C:I_UNISTD:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <unistd.h>.
?C:.
?H:#$i_unistd I_UNISTD  /**/
?H:.
?LINT:set
 i_unistd
: see if this is a unistd.h system
set unistd.h i_unistd
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_unistd.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_mkfifo.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_mkfifo.U,v $
?RCS: Revision 3.0.1.1  1994/10/29  16:14:17  ram
?RCS: patch36: created by ADO
?RCS:
?RCS:
?MAKE:d_mkfifo: Inlibc
?MAKE: -pick add $@ %<
?S:d_mkfifo:
?S: This variable conditionally defines the HAS_MKFIFO symbol, which
?S: indicates to the C program that the mkfifo() routine is available.
?S:.
?C:HAS_MKFIFO :
?C: This symbol, if defined, indicates that the mkfifo
 routine is
?C: available to create FIFOs. Otherwise, mknod should be able to
?C: do it for you. However, if mkfifo is there, mknod might require
?C: super-user privileges which mkfifo will not.
?C:.
?H:#$d_mkfifo HAS_MKFIFO  /**/
?H:.
?LINT:set d_mkfifo
: see if mkfifo exists
set mkfifo d_mkfifo
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_mkfifo.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: sitescript.U,v $
?RCS:
?RCS: Copyright (c) 1999 Andy Dougherty
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: sitescript.U,v $
?RCS:
?MAKE:sitescript sitescriptexp installsitescript : Getfile Oldconfig test \
 Setprefixvar sitebin siteprefix
?MAKE: -pick add $@ %<
?Y:TOP
?D:sitescript=''
?S:sitescript:
?S: This variable holds the name of the directory in which the user wants
?S: to put add-on publicly executable files for the package in question.  It
?S: is most often a local directory such as /usr/local/bin. Programs using
?S: this variable must be prepared to deal with ~name substitution.
?S: The standard
 distribution will put nothing in this directory.
?S: After perl has been installed, users may install their own local
?S: scripts in this directory with
?S:  MakeMaker Makefile.PL
?S: or equivalent.  See INSTALL for details.
?S:.
?D:sitescriptexp=''
?S:sitescriptexp:
?S: This is the same as the sitescript variable, but is filename expanded at
?S: configuration time, for use in your makefiles.
?S:.
?D:installsitescript=''
?S:installsitescript:
?S: This variable is usually the same as sitescriptexp, unless you are on
?S: a system running AFS, in which case they may differ slightly. You
?S: should always use this variable within your makefiles for portability.
?S:.
?LINT:change prefixvar
?LINT:set installsitescript
?LINT:set sitescript
?LINT:set sitescriptexp
: determine where add-on public executable scripts go
case "$sitescript" in
'') dflt=$siteprefix/script
 $test -d $dflt || dflt=$sitebin ;;
*)  dflt="$sitescript" ;;
esac
fn=d~+
rp='Pathname where add-on public executable scripts
```

```
 should be installed?'
. ./getfile
prefixvar=sitescript
. ./setprefixvar
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/sitescript.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: lseektype.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:30:10  ram
?RCS: patch32: now uses new Typedef unit to compute type information
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:08  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:lseektype: Myread Typedef
?MAKE: -pick add $@ %<
?S:lseektype:
?S: This variable defines lseektype to be something like off_t, long,
?S: or whatever type is used to declare lseek offset's type in the
?S: kernel (which also appears to be lseek's return type).
?S:.
?C:Off_t
 (LSEEKTYPE):
?C: This symbol holds the type used to declare offsets in the kernel.
?C: It can be int, long, off_t, etc... It may be necessary to include
?C: <sys/types.h> to get any typedef'ed information.
?C:.
?H:#define Off_t $lseektype  /* <offset> type */
?H:.
: see what type lseek is declared as in the kernel
set off_t lseektype long stdio.h sys/types.h
eval $typedef
echo " "
dflt="$lseektype"
rp="What type is lseek's offset on this system declared as?"
```

```
. ./myread
lseektype="$ans"
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/lseektype.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: sysman.U,v 3.0.1.2 1994/06/20 07:08:43 ram Exp $
?RCS:
?RCS: Copyright (c) 1991-1993, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: sysman.U,v $
?RCS: Revision 3.0.1.2  1994/06/20  07:08:43  ram
?RCS: patch30: now explicitly states that /usr/man/man1 is the default
?RCS: patch30: added /usr/local/man/man1 to the search list
?RCS:
?RCS: Revision 3.0.1.1  1993/09/13  16:13:50  ram
?RCS: patch10: added support for /local/man/man1 (WAD)
?RCS: patch10: added temporary syspath variable to cut down on line length
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:55  ram
?RCS: Baseline for dist 3.0 netwide
 release.
?RCS:
?MAKE:sysman: test Loc Oldconfig
?MAKE: -pick add $@ %<
?S:sysman:
?S: This variable holds the place where the manual is located on this
?S: system. It is not the place where the user wants to put his manual
?S: pages. Rather it is the place where Configure may look to find manual
?S: for unix commands (section 1 of the manual usually). See mansrc.
?S:.
?T:syspath
: determine where manual pages are on this system
echo " "
case "$sysman" in
")
 syspath='/usr/share/man/man1 /usr/man/man1'
 syspath="$syspath /usr/man/mann /usr/man/manl /usr/man/local/man1"
 syspath="$syspath /usr/man/u_man/man1"
 syspath="$syspath /usr/catman/u_man/man1 /usr/man/l_man/man1"
```

```
 syspath="$syspath /usr/local/man/u_man/man1 /usr/local/man/l_man/man1"
 syspath="$syspath /usr/man/man.L /local/man/man1 /usr/local/man/man1"
 sysman=`./loc . /usr/man/man1 $syspath`
 ;;
esac
if $test -d "$sysman"; then
 echo "System manual is in $sysman." >&4
else
 echo "Could not find manual pages in source form."
 >&4
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/sysman.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_memcpy.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_memcpy.U,v $
?RCS: Revision 3.0.1.1  1993/09/13  16:02:58  ram
?RCS: patch10: removed text recommending bcopy over memcpy (WAD)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:06:34  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_memcpy: Inlibc
?MAKE: -pick add $@ %<
?S:d_memcpy:
?S: This variable conditionally defines the HAS_MEMCPY symbol, which
?S: indicates to the C program that the memcpy() routine is available
?S: to copy blocks of
 memory.
?S:.
?C:HAS_MEMCPY (MEMCPY):
?C: This symbol, if defined, indicates that the memcpy routine is available
?C: to copy blocks of memory.
?C:.
?H:#$d_memcpy HAS_MEMCPY /**/
?H:.
```

```
?LINT:set d_memcpy
: see if memcpy exists
set memcpy d_memcpy
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_memcpy.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: sysman.U,v $
?RCS: Revision 3.0.1.2  1994/06/20  07:08:43  ram
?RCS: patch30: now explicitly states that /usr/man/man1 is the default
?RCS: patch30: added /usr/local/man/man1 to the search list
?RCS:
?RCS: Revision 3.0.1.1  1993/09/13  16:13:50  ram
?RCS: patch10: added support for /local/man/man1 (WAD)
?RCS: patch10: added temporary syspath variable to cut down on line length
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:55  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:sysman: test
 Loc Oldconfig
?MAKE: -pick add $@ %<
?S:sysman:
?S: This variable holds the place where the manual is located on this
?S: system. It is not the place where the user wants to put his manual
?S: pages. Rather it is the place where Configure may look to find manual
?S: for unix commands (section 1 of the manual usually). See mansrc.
?S:.
?T:syspath
: determine where manual pages are on this system
echo " "
case "$sysman" in
")
 syspath='/usr/share/man/man1 /usr/man/man1'
 syspath="$syspath /usr/man/mann /usr/man/manl /usr/man/local/man1"
```

```
 syspath="$syspath /usr/man/u_man/man1 /usr/share/man/man1"
 syspath="$syspath /usr/catman/u_man/man1 /usr/man/l_man/man1"
 syspath="$syspath /usr/local/man/u_man/man1 /usr/local/man/l_man/man1"
 syspath="$syspath /usr/man/man.L /local/man/man1 /usr/local/man/man1"
 sysman=`./loc . /usr/man/man1 $syspath`
 ;;
esac
if $test -d "$sysman"; then
 echo "System manual is in $sysman." >&4
else
 echo "Could not find manual pages in source form." >&4
fi
```

Found
 in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sysman.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_lroundl: Inlibc
?MAKE: -pick add $@ %<
?S:d_lroundl:
?S: This variable conditionally defines the HAS_LROUNDL symbol, which
?S: indicates to the C program that the lroundl() routine is available
?S: to return the integral value nearest to x away from zero.
?S:.
?C:HAS_LROUNDL:
?C: This symbol, if defined, indicates that the lroundl routine is
?C: available to return the nearest integral value away from zero of
?C: the long double argument value.
?C:.
?H:#$d_lroundl HAS_LROUNDL  /**/
?H:.
?LINT:set d_lroundl
: see if lroundl exists
set lroundl d_lroundl
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_lroundl.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_arpainet.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
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?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_arpainet.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:15  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_arpainet: Inhdr
?MAKE: -pick add $@ %<
?S:i_arpainet:
?S: This variable conditionally defines the I_ARPA_INET symbol,
?S: and indicates whether a C program should include <arpa/inet.h>.
?S:.
?C:I_ARPA_INET:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <arpa/inet.h> to get inet_addr and friends
 declarations.
?C:.
?H:#$i_arpainet I_ARPA_INET  /**/
?H:.
?LINT:set i_arpainet
: see if arpa/inet.h has to be included
set arpa/inet.h i_arpainet
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_arpainet.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_isinfl: Inlibc
?MAKE: -pick add $@ %<
?S:d_isinfl:
?S: This variable conditionally defines the HAS_ISINFL symbol, which
?S: indicates to the C program that the isinfl() routine is available.
?S:.
```

```
?C:HAS_ISINFL:
?C: This symbol, if defined, indicates that the isinfl routine is
?C: available to check whether a long double is an infinity.
?C:.
?H:#$d_isinfl HAS_ISINFL  /**/
?H:.
?LINT:set d_isinfl
: see if isinfl exists
set isinfl d_isinfl
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_isinfl.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_readdir_r.U,v 0RCS:
?RCS: Copyright (c) 2002,2003 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: Generated by the reentr.pl from the Perl 5.8 distribution.
?RCS:
?MAKE:d_readdir_r readdir_r_proto: Inlibc Protochk Hasproto i_systypes \
 usethreads i_dirent extern_C
?MAKE: -pick add $@ %<
?S:d_readdir_r:
?S: This variable conditionally defines the HAS_READDIR_R symbol,
?S: which indicates to the C program that the readdir_r()
?S: routine is available.
?S:.
?S:readdir_r_proto:
?S: This variable encodes the prototype of readdir_r.
?S: It is zero if d_readdir_r is undef, and one of the
?S: REENTRANT_PROTO_T_ABC macros of reentr.h if d_readdir_r
?S: is defined.
?S:.
?C:HAS_READDIR_R:
?C: This symbol, if defined, indicates that the readdir_r routine
?C: is available to readdir re-entrantly.
?C:.
?C:READDIR_R_PROTO:
?C: This
 symbol encodes the prototype of readdir_r.
?C: It is zero if d_readdir_r is undef, and one of the
?C: REENTRANT_PROTO_T_ABC macros of reentr.h if d_readdir_r
?C: is defined.
```

```
?C:.
?H:#$d_readdir_r HAS_READDIR_R /**/
?H:#define READDIR_R_PROTO $readdir_r_proto /**/
?H:.
?T:try hdrs d_readdir_r_proto
: see if readdir_r exists
set readdir_r d_readdir_r
eval $inlibc
case "$d_readdir_r" in
"$define")
 hdrs="$i_systypes sys/types.h define stdio.h $i_dirent dirent.h"
 case "$d_readdir_r_proto:$usethreads" in
 ":define") d_readdir_r_proto=define
  set d_readdir_r_proto readdir_r $hdrs
  eval $hasproto ;;
 *) ;;
 esac
 case "$d_readdir_r_proto" in
 define)
 case "$readdir_r_proto" in
 "|0) try='int readdir_r(DIR*, struct dirent*, struct dirent**);'
 ./protochk "$extern_C $try" $hdrs && readdir_r_proto=I_TSR ;;
 esac
 case "$readdir_r_proto" in
 "|0) try='int readdir_r(DIR*, struct dirent*);'
 ./protochk "$extern_C $try" $hdrs && readdir_r_proto=I_TS
 ;;
 esac
 case "$readdir_r_proto" in
 "|0) d_readdir_r=undef
  readdir_r_proto=0
  echo "Disabling readdir_r, cannot determine prototype." >&4 ;;
 * ) case "$readdir_r_proto" in
  REENTRANT_PROTO*) ;;
  *) readdir_r_proto="REENTRANT_PROTO_$readdir_r_proto" ;;
  esac
  echo "Prototype: $try" ;;
 esac
 ;;
 *) case "$usethreads" in
  define) echo "readdir_r has no prototype, not using it." >&4 ;;
  esac
  d_readdir_r=undef
  readdir_r_proto=0
  ;;
 esac
 ;;
*) readdir_r_proto=0
```

```
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_readdir_r.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_shmat.U,v $
?RCS: Revision 3.0.1.3  1995/07/25  14:04:23  ram
?RCS: patch56: use findhdr to find <sys/shm.h>, to get the right one (ADO)
?RCS:
?RCS: Revision 3.0.1.2  1994/05/13  15:18:56  ram
?RCS: patch27: added new symbol HAS_SHMAT_PROTOTYPE (ADO)
?RCS:
?RCS: Revision 3.0.1.1  1994/05/06  14:54:18  ram
?RCS: patch23: new Shmat_t symbol to declare return type of shmat()
?RCS:
?RCS: Revision 3.0  1993/08/18  12:07:18  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_shmat shmattype
 d_shmatprototype: Inlibc cat +cc +ccflags \
 rm cppstdin cppflags cppminus Findhdr Setvar contains
?MAKE: -pick add $@ %<
?S:d_shmat:
?S: This variable conditionally defines the HAS_SHMAT symbol, which
?S: indicates to the C program that the shmat() routine is available.
?S:.
?S:shmattype:
?S: This symbol contains the type of pointer returned by shmat().
?S: It can be 'void *' or 'char *'.
?S:.
?S:d_shmatprototype:
?S: This variable conditionally defines the HAS_SHMAT_PROTOTYPE
?S: symbol, which indicates that sys/shm.h has a prototype for
?S: shmat.
?S:.
```

```
?C:HAS_SHMAT:
?C: This symbol, if defined, indicates that the shmat() routine is
?C: available to attach a shared memory segment to the process space.
?C:.
?C:Shmat_t:
?C: This symbol holds the return type of the shmat() system call.
?C: Usually set to 'void *' or 'char *'.
?C:.
?C:HAS_SHMAT_PROTOTYPE:
?C: This symbol, if defined, indicates that the sys/shm.h includes
?C: a prototype for shmat().  Otherwise, it is up to the program
 to
?C: guess one.  Shmat_t shmat _((int, Shmat_t, int)) is a good guess,
?C: but not always right so it should be emitted by the program only
?C: when HAS_SHMAT_PROTOTYPE is not defined to avoid conflicting defs.
?C:.
?H:#$d_shmat HAS_SHMAT  /**/
?H:#define Shmat_t $shmattype /**/
?H:#$d_shmatprototype HAS_SHMAT_PROTOTYPE /**/
?H:.
?LINT:set d_shmat d_shmatprototype
?T:xxx
: see if shmat exists
set shmat d_shmat
eval $inlibc
: see what shmat returns
case "$d_shmat" in
"$define")
 $cat >shmat.c <<'END'
#include <sys/shm.h>
void *shmat();
END
 if $cc $ccflags -c shmat.c >/dev/null 2>&1; then
  shmattype='void *'
 else
  shmattype='char *'
 fi
 echo "and it returns ($shmattype)." >&4
 : see if a prototype for shmat is available
 xxx=`./findhdr sys/shm.h`
 $cppstdin $cppflags $cppminus < $xxx > shmat.c 2>/dev/null
 if $contains 'shmat.*(' shmat.c >/dev/null 2>&1; then
  val="$define"
 else
  val="$undef"
 fi
 $rm -f shmat.[co]
 ;;
```

```
*)
 val="$undef"
 ;;
esac
set d_shmatprototype
eval $setvar
```

Found
 in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_shmat.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: libnm.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: libnm.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  16:08:26  ram
?RCS: patch61: replaced .a with $_a all over the place
?RCS:
?RCS: Revision 3.0  1993/08/18  12:09:01  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:libnm: test Loc libpth _a
?MAKE: -pick add $@ %<
?S:libnm:
?S: This variable contains the argument to pass to the loader in order
?S: to get the new math library routines.  If there is no new math
?S: library, it is null.
?S:.
?T:ans
?O:
 use libswanted='-lnm' instead (see libs.U).
: see if we should include -lnm
echo " "
if $test -r /usr/lib/libnm$_a || $test -r /usr/local/lib/libnm$_a ; then
 echo "New math library found." >&4
 libnm='-lnm'
else
 ans=`./loc libnm$_a x $libpth`
 case "$ans" in
```

```
 x)
  echo "No nm library found--the normal math library will have to do." >&4
  libnm=''
  ;;
 *)
  echo "New math library found in $ans." >&4
  libnm="$ans"
  ;;
 esac
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/libnm.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_syssock.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_syssock.U,v $
?RCS: Revision 3.0  1993/08/18  12:08:36  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:i_syssock: Inhdr
?MAKE: -pick add $@ %<
?S:i_syssock:
?S: This variable conditionally defines the I_SYS_SOCKET symbol, and indicates
?S: whether a C program should include <sys/socket.h> before performing socket
?S: operations.
?S:.
?C:I_SYS_SOCKET:
?C: This symbol, if defined, indicates to the C program that it should
?C: include
 <sys/socket.h> before performing socket calls.
?C:.
?H:#$i_syssock I_SYS_SOCKET  /**/
?H:.
?LINT:set i_syssock
: see if this is a sys/socket.h system
set sys/socket.h i_syssock
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_syssock.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
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?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: randfunc.U,v $
?RCS: Revision 3.0  1993/08/18  12:09:39  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?X:
?X: This is the new unit that should be used when random
?X: functions are to be used. It thus makes randbits.U obsolete.
?X:
?MAKE:randfunc mrand seedfunc nrandbits: cat +cc rm test Myread Csym
?MAKE: -pick add $@ %<
?S:randfunc:
?S: Indicates the name of the random number function to use.
?S: Values include drand48, random, and rand. In C programs,
?S: the 'nrand' macro is defined
 to generate uniformly distributed
?S: random numbers over the range [0., 1.] (see mrand and nrand).
?S:.
?S:mrand:
?S: Indicates the macro to be used to generate normalized
?S: random numbers.  Uses randfunc, often divided by
?S: (double) ((1 << nrandbits) -1) in order to normalize the result.
?S: In C programs, the macro 'nrand' is maped on mrand.
?S:.
?S:seedfunc:
?S: Indicates the random number generating seed function.
?S: Values include srand48, srandom, and srand.
?S:.
?S:nrandbits:
?S: Indicates how many bits are produced by the function used to
?S: generate normalized random numbers.
?S:.
?C:nrand:
```

```
?C: This macro is to be used to generate uniformly distributed
?C: random numbers over the range [0., 1.].
?C:.
?C:seednrand:
?C: This symbol defines the macro to be used in seeding the
?C: random number generator (see nrand).
?C:.
?H:#define nrand()  $mrand  /**/
?H:#define seednrand(x) $seedfunc(x) /**/
?H:.
?T:cont val
?LINT:nothere $nrandbits)
: How can we generate normalized
 random numbers ?
echo " "
case "$randfunc" in
")
 if set drand48 val -f; eval $csym; $val; then
  dflt="drand48"
  echo "Good, found drand48()." >&4
 elif set random val -f; eval $csym; $val; then
  dflt="random"
  echo "OK, found random()." >&4
 else
  dflt="rand"
  echo "Yick, looks like I have to use rand()." >&4
 fi
 echo " "
 ;;
*)
 dflt="$randfunc"
 ;;
esac
cont=true
while $test "$cont"; do
 rp="Use which function to generate random numbers?"
 . ./myread
?X: Invalidates nrandbits if the answer is not the default so
?X: that the value stored in config.sh will not be used when
?X: we change our random function.
 if $test "$ans" = "$dflt"; then
  : null
 else
  nrandbits="
 fi
 randfunc="$ans"
 if set $ans val -f; eval $csym; $val; then
  cont="
```

```
 else
  dflt=n
  rp="Function $ans does not exists. Use that name anyway?"
  . ./myread
  dflt=rand
  case "$ans" in
   [yY]*) cont=";;
  esac
 fi
 case "$cont" in
 ")
  case "$randfunc" in
  drand48)
   mrand="drand48()"
   seedfunc="srand48"
   ;;
  rand*)
   case
 "$nrandbits" in
   ")
echo "Checking to see how many bits your $randfunc() function produces..." >&4
   $cat >try.c <<EOCP
#include <stdio.h>
int main()
{
 register int i;
 register unsigned long tmp;
 register unsigned long max = 0L;
 extern long random();

 for (i = 1000; i; i--) {
  tmp = (unsigned long)$randfunc();
  if (tmp > max) max = tmp;
 }
 for (i = 0; max; i++)
  max /= 2;
 printf("%d\n",i);
}
EOCP
   if $cc -o try try.c >/dev/null 2>&1 ; then
   dflt=`try`
   else
   dflt='?'
   echo "(I can't seem to compile the test program...)"
   fi
   ;;
   *)
    dflt="$nrandbits"
```

```
    ;;
   esac
   rp="How many bits does your $randfunc() function produce?"
   . ./myread
   nrandbits="$ans"
   $rm -f try.c try
   mrand="($randfunc() / (double) ((1 << $nrandbits) -1))"
   seedfunc="srand"
   ;;
?X: The following is provided just in case...
  *)
   dflt="31"
   rp="How many bits does your $randfunc() function produce?"
   . ./myread
   nrandbits="$ans"
   seedfunc="s$randfunc"
   mrand="($randfunc()
 / (double) ((1 << $nrandbits) -1))"
   if set $seedfunc val -f; eval $csym; $val; then
    echo "(Using $seedfunc() to seed random generator)"
   else
    echo "(Warning: no $seedfunc() to seed random generator)"
    seedfunc=rand
   fi
   ;;
  esac
  ;;
 esac
done
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/randfunc.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?X: This unit generates a $hasfield string that is used internally
?X: by Configure to check if this system has a field for a
?X: particular struct (of if this system has a particular struct!)
?X:
?X: To use it, say something like:
?X:  set d_statblocks stat st_blocks i_sysstat sys/stat.h
```

```
?X:  eval $hasfield
?X: Or, for more complicated sets of headers, do something like
?X: hdrs="$define sys/foo.h
?X:  $i_sysbar sys/bar.h
?X:  $i_syszot sys/zot.h
?X:  $i_zappa zappa.h"
?X: set d_statblocks stat st_blocks $hdrs
?X: eval $hasfield
?X:
?MAKE:Hasfield: Setvar rm_try test Compile
?MAKE: -pick add $@ %<
?T:varname struct field
?V:hasfield
: Define hasfield macro for Configure internal use
hasfield='varname=$1;
 struct=$2; field=$3; shift; shift; shift;
while $test $# -ge 2; do
 case "$1" in
 $define) echo "#include <$2>";;
 esac ;
   shift 2;
done > try.c;
echo "int main () { struct $struct foo; char* bar; bar = (char*)foo.$field; }" >> try.c;
set try;
if eval $compile; then
 val="$define";
else
 val="$undef";
fi;
set $varname;
eval $setvar;
$rm_try'
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/protos/Hasfield.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: html1dir.U,v $
?RCS:
?RCS: Copyright (c) 1999 Andy Dougherty
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 3.0.
?RCS:
```

```
?RCS: $Log: html1dir.U,v $
?RCS:
?MAKE:html1dir html1direxp installhtml1dir: cat Loc Myread \
 spackage test Getfile Setprefixvar Prefixit Prefixup
?MAKE: -pick add $@ %<
?Y:TOP
?D:html1dir="
?S:html1dir:
?S: This variable contains the name of the directory in which html
?S: source pages are to be put.  This directory is for pages
?S: that describe whole programs, not libraries or modules.  It
?S: is intended to correspond roughly to section 1 of the Unix
?S: manuals.
?S:.
?D:html1direxp="
?S:html1direxp:
?S: This
 variable is the same as the html1dir variable, but is filename
?S: expanded at configuration time, for convenient use in makefiles.
?S:.
?D:installhtml1dir="
?S:installhtml1dir:
?S: This variable is really the same as html1direxp, unless you are
?S: using a different installprefix.  For extra portability, you
?S: should only use this variable within your makefiles.
?S:.
?LINT:change prefixvar
?LINT:set html1direxp
?LINT:set installhtml1dir
: determine where html pages for programs go
set html1dir html1dir none
eval $prefixit
$cat <<EOM

If you wish to install html files for programs in $spackage, indicate
the appropriate directory here.  To skip installing html files,
answer "none".
EOM
case "$html1dir" in
"|none|$undef|' ') dflt=none ;;
*) dflt=$html1dir ;;
esac
fn=dn+~
rp="Directory for the main $spackage html pages?"
. ./getfile
prefixvar=html1dir
. ./setprefixvar
: Use ' ' for none so value is preserved next time through Configure
```

```
$test X"$html1dir" = "X" && html1dir=' '
```

Found
 in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/html1dir.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2014, H.Merijn Brand
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_dladdr.U,v $
?RCS:
?MAKE:d_dladdr: Inlibc
?MAKE: -pick add $@ %<
?S:d_dladdr:
?S: This variable conditionally defines the HAS_DLADDR symbol, which
?S: indicates to the C program that the dladdr() routine is available
?S: to get a stack trace.
?S:.
?C:HAS_DLADDR:
?C: This symbol, if defined, indicates that the dladdr() routine is
?C: available to query dynamic linker information for an address.
?C: The <dlfcn.h> header must be included to use this routine.
?C:.
?H:#$d_dladdr HAS_DLADDR /**/
?H:.
?LINT:set d_dladdr
:
 see if dladdr exists
set dladdr d_dladdr
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_dladdr.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1996, Andy Dougherty
```

```
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
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?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Unix.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  15:20:06  ram
?RCS: patch61: created
?RCS:
?X:
?X: The purpose of this unit is to define things that are common across all
?X: known UNIX platforms. If Configure is ported/used on a non-UNIX
?X: environment, then some of the following variables can be redefined in hint
?X: files.
?X:
?MAKE:Unix _a _o firstmakefile archobjs: Oldconfig
?MAKE: -pick add $@ %<
?S:_a (lib_ext):
?S: This variable defines the extension
 used for ordinary libraries.
?S: For unix, it is '.a'.  The '.' is included.  Other possible
?S: values include '.lib'.
?S:.
?S:_o (obj_ext):
?S: This variable defines the extension used for object files.
?S: For unix, it is '.o'.  The '.' is included.  Other possible
?S: values include '.obj'.
?S:.
?S:firstmakefile:
?S: This variable defines the first file searched by make.  On unix,
?S: it is makefile (then Makefile).  On case-insensitive systems,
?S: it might be something else.  This is only used to deal with
?S: convoluted make depend tricks.
?S:.
?S:archobjs:
?S: This variable defines any additional objects that must be linked
?S: in with the program on this architecture.  On unix, it is usually
?S: empty.  It is typically used to include emulations of unix calls
?S: or other facilities.  For perl on OS/2, for example, this would
?S: include os2/os2.obj.
?S:.
?INIT:: Extra object files, if any, needed on this platform.
?INIT:archobjs="
: Define several unixisms.
: Hints files
```

```
 or command line option can be used to override them.
case "$_a" in
") _a='.a';;
esac
case "$_o" in
") _o='.o';;
esac

@if firstmakefile
: Which makefile gets called first.  This is used by make depend.
case "$firstmakefile" in
") firstmakefile='makefile';;
esac

@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Unix.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_setregid.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
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?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_setregid.U,v $
?RCS: Revision 3.0  1993/08/18  12:07:12  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_setregid d_setresgid: Inlibc
?MAKE: -pick add $@ %<
?S:d_setregid:
?S: This variable conditionally defines HAS_SETREGID if setregid() is
?S: available to change the real and effective gid of the current
?S: process.
?S:.
?S:d_setresgid:
?S: This variable conditionally defines HAS_SETRESGID if setresgid() is
?S: available to change
 the real, effective and saved gid of the current
?S: process.
?S:.
```

```
?C:HAS_SETREGID (SETREGID):
?C: This symbol, if defined, indicates that the setregid routine is
?C: available to change the real and effective gid of the current
?C: process.
?C:.
?C:HAS_SETRESGID (SETRESGID):
?C: This symbol, if defined, indicates that the setresgid routine is
?C: available to change the real, effective and saved gid of the current
?C: process.
?C:.
?H:#$d_setregid HAS_SETREGID  /**/
?H:#$d_setresgid HAS_SETRESGID  /**/
?H:.
?LINT: set d_setregid d_setresgid
: see if setregid exists
set setregid d_setregid
eval $inlibc
set setresgid d_setresgid
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_setregid.U
No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_llrint: Inlibc
?MAKE: -pick add $@ %<
?S:d_llrint:
?S: This variable conditionally defines the HAS_LLRINT symbol, which
?S: indicates to the C program that the llrint() routine is available
?S: to return the long long value closest to a double (according
?S: to the current rounding mode).
?S:.
?C:HAS_LLRINT:
?C: This symbol, if defined, indicates that the llrint routine is
?C: available to return the long long value closest to a double
?C: (according to the current rounding mode).
?C:.
?H:#$d_llrint HAS_LLRINT  /**/
?H:.
?LINT:set d_llrint
: see if llrint exists
set llrint d_llrint
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_llrint.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: Prefixit.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: Prefixit.U,v $
?RCS: Revision 3.0.1.1  1995/01/30  14:29:22  ram
?RCS: patch49: created
?RCS:
?X:
?X: Used as: "set dflt var dir; eval $prefixit" to set $dflt to be
?X: $prefix/dir by default, or the previous $var depending on certain
?X: conditions:
?X: - If the $oldprefix variable is empty, then $prefix holds the same
?X:   value as on previous runs. Therefore, reuse $var if set, otherwise
?X:   set $dflt to $prefix/dir.
?X: - If $oldprefix is not
 empty, then set $dflt to $prefix/dir if $var
?X:   is empty (first run). Otherwise, if $var is $oldprefix/dir, then
?X:   change it to $prefix/dir. If none of the above, reuse the old $var.
?X:
?X: When dir is omitted, the dflt variable is set to $var if prefix did not
?X: change, to an empty value otherwise. If dir=none, then a single space
?X: in var is kept as-is, even if the prefix changes.
?X:
?MAKE:Prefixit: prefix oldprefix
?MAKE: -pick add $@ %<
?LINT:define prefixit
?S:prefixit:
?S: This shell variable is used internally by Configure to reset
?S: the leading installation prefix correctly when it is changed.
?S:  set dflt var [dir]
?S:  eval $prefixit
?S: That will set $dflt to $var or $prefix/dir depending on the
?S: value of $var and $oldprefix.
?S:.
?V:prefixit
?T:tp
```

```
: set the prefixit variable, to compute a suitable default value
prefixit='case "$3" in
""|none)
 case "$oldprefix" in
 "") eval "$1=\"\$$2\"";;
 *)
  case "$3" in
  "") eval "$1=";;
  none)
   eval "tp=\"\$$2\"";
   case
 "$tp" in
   ""|" ") eval "$1=\"\$$2\"";;
   *) eval "$1=";;
   esac;;
  esac;;
 esac;;
*)
 eval "tp=\"$oldprefix-\$$2-\""; eval "tp=\"$tp\"";
 case "$tp" in
 --|/*--|\~*--) eval "$1=\"$prefix/$3\"";;
 /*-$oldprefix/*|\~*-$oldprefix/*)
  eval "$1=\`echo \$$2 | sed \"s,^$oldprefix,$prefix,\"\`";;
 *) eval "$1=\"\$$2\"";;
 esac;;
esac'
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Prefixit.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_strtold_l: Inlibc
?MAKE: -pick add $@ %<
?S:d_strtold_l:
?S: This variable conditionally defines the HAS_STRTOLD_L symbol, which
?S: indicates to the C program that the strtold_l() routine is available.
?S:.
?C:HAS_STRTOLD_L:
?C: This symbol, if defined, indicates that the strtold_l routine is
?C: available to convert strings to long doubles.
```

```
?C:.
?H:#$d_strtold_l HAS_STRTOLD_L  /**/
?H:.
?LINT:set d_strtold_l
: see if strtold_l exists
set strtold_l d_strtold_l
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_strtold_l.U
No license file was found, but licenses were detected in source scan.

```
?RCS: Copyright (c) 2000,2014 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_fpclassify d_fp_classify: Inlibc cat Compile rm_try Setvar
?MAKE: -pick add $@ %<
?X:the short story is that C99 says use fpclassify.  But the story is confused
?X:by systems "partially C99" (or fully "pre C99") which either user fpclassify
?X:but with different return values, or they use fp_classify (with the expected)
?X:return values, or they use some other spelling of *fp*class* (sometimes even
?X:without the *fp* part), with yet another set(s) of return values ...
?S:d_fpclassify:
?S: This variable conditionally defines the HAS_FPCLASSIFY symbol, which
?S: indicates to the C program that the fpclassify() routine is available.
?S:.
?S:d_fp_classify:
?S: This variable conditionally defines the HAS_FP_CLASSIFY
 symbol, which
?S: indicates to the C program that the fp_classify() routine is available.
?S:.
?C:HAS_FPCLASSIFY:
?C: This symbol, if defined, indicates that the fpclassify routine is
?C: available to classify doubles.  Available for example in HP-UX.
?C: The returned values are defined in <math.h> and are
?C:
?C:   FP_NORMAL     Normalized
?C:   FP_ZERO       Zero
?C:   FP_INFINITE   Infinity
?C:   FP_SUBNORMAL  Denormalized
?C:   FP_NAN        NaN
?C:
?C:.
?C:HAS_FP_CLASSIFY:
?C: This symbol, if defined, indicates that the fp_classify routine is
```

```
?C: available to classify doubles. The values are defined in <math.h>
?C:
?C:   FP_NORMAL     Normalized
?C:   FP_ZERO       Zero
?C:   FP_INFINITE   Infinity
?C:   FP_SUBNORMAL  Denormalized
?C:   FP_NAN        NaN
?C:
?C:.
?H:#$d_fpclassify HAS_FPCLASSIFY  /**/
?H:#$d_fp_classify HAS_FP_CLASSIFY  /**/
?H:.
?LINT:set d_fpclassify
?LINT:set d_fp_classify
: check for fpclassify
?X:classified (Comment by jhi)
?X:fpclassify i_math
?X:fp_classify i_math
?X:fpclass i_math
 i_ieeefp i_fp
?X:fp_class i_math i_fp_class
?X:  No i_fp_class yet. But the systems that have
?X:  this (Tru64 and IRIX) both had <fp_class.h>
?X:class i_math
echo "Checking to see if you have fpclassify..." >&4
$cat >try.c <<EOCP
#include <math.h>
int main() { return fpclassify(1.0) == FP_NORMAL ? 0 : 1; }
EOCP
set try
if eval $compile; then
 val="$define"
 echo "You have fpclassify."
else
 val="$undef"
 echo "You do not have fpclassify."
fi
$rm_try
set d_fpclassify
eval $setvar

: see if fp_classify exists
set fp_classify d_fp_classify
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fpclassify.U

No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_exp2: Inlibc
?MAKE: -pick add $@ %<
?S:d_exp2:
?S: This variable conditionally defines the HAS_EXP2 symbol, which
?S: indicates to the C program that the exp2() routine is available.
?S:.
?C:HAS_EXP2:
?C: This symbol, if defined, indicates that the exp2 routine is
?C: available to do the 2**x function.
?C:.
?H:#$d_exp2 HAS_EXP2  /**/
?H:.
?LINT:set d_exp2
: see if exp2 exists
set exp2 d_exp2
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_exp2.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: install.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: install.U,v $
?RCS: Revision 3.0.1.2  1995/09/25  09:16:37  ram
?RCS: patch59: all possible install programs are now looked for
?RCS:
?RCS: Revision 3.0.1.1  1995/01/11  15:30:41  ram
?RCS: patch45: created
?RCS:
?MAKE:install installdir: Loc Oldconfig Getfile cat test startsh rm +cc \
 eunicefix package contains mkdir echo n c
?MAKE: -pick add $@ %<
?S:install:
```

```
?S: This variable contains the name of an install program that can accept
?S: BSD-style arguments.
 It must correctly support -c, -s, and -m at least.
?S: It is a fully qualified pathname when found. If you have a local
?S: install.SH file at the root directory of your package, it is assumed to
?S: be the default script emulating a BSD install and the variable will be
?S: set to ./install. Otherwise, it is set to plain 'install', relying on
?S: the user's PATH to perform miracles.
?S:.
?S:installdir:
?S: This variable contains the name of a program that can install nested
?S: directories. Often set to 'mkdir -p', it can also be 'install -d' if
?S: you have such a beast and lack the former. If you have an install.SH
?S: file at the root directory of your package, it will be used in last
?S: resort, setting the variable to './install -d'. Otherwise, it is set to
?S: plain 'mkdir', and cross your fingers!
?S:.
?T:dir file tryit prog creatdir either
?F:!tryinst
: locate a BSD compatible install program
echo " "
echo "Looking for a BSD-compatible install program..." >&4
@if installdir
creatdir="
@end
case
 "$install" in
")
 tryit="
 for dir in $pth; do
  for file in ginstall installbsd scoinst install; do
   if $test -f $dir/$file; then
    tryit="$tryit $dir/$file"
   fi
  done
 done
 $cat >try.c <<EOC
int main()
{
 printf("OK\n");
 exit(0);
}
EOC
 if $cc -o try try.c >/dev/null 2>&1; then
  cp try try.ns
  strip try >/dev/null 2>&1
 else
  echo "(I can't seem to compile a trivial C program -- bypassing.)"
```

```
  echo "try" >try
  cp try try.ns
 fi
 $cat >tryinst <<EOS
$startsh
$rm -rf foo d
@if installdir
\$1 -d foo/bar
@end
$mkdir d
\$1 -c -m 764 try.ns d
\$1 -c -s -m 642 try.ns d/try
EOS
 chmod +x tryinst
 $eunicefix tryinst
 dflt=''
 either=''
 for prog in $tryit; do
  $echo $n "Checking $prog... $c"
  ./tryinst $prog >/dev/null 2>&1
@if installdir
  if $test -d foo/bar; then
   creatdir="$prog -d"
  fi
@end
  (ls -l d/try >try.ls; ls -l d/try.ns >tryno.ls) 2>/dev/null
  if (cmp -s d/try try && cmp -s d/try.ns try.ns && \
   $contains 'rwxrw-r--' tryno.ls &&
 \
   $contains 'rw-r---w-' try.ls) >/dev/null 2>&1
  then
   dflt="$prog"
   echo "ok, that will do."
   break
  fi
  echo "not good$either."
  either=' either'
  $rm -f try*.ls
 done
 $rm -rf foo d tryinst try try*.ls try.*
 case "$dflt" in
 '')
@if {test -f ../install.SH}
  echo "Hopefully, $package comes with its own install script!"
  dflt='./install'
@else
  dflt='install'
@end
```

```
  ;;
 esac
 ;;
*) dflt="$install";;
esac
$cat <<EOM

I will be requiring a BSD-compatible install program (one that allows
options like -s to strip executables or -m to specify a file mode) to
install $package.

If the question below contains a fully qualified default path, then it
is probably ok. If it is an unqualified name such as 'install', then it
means I was unable to find out a good install program I could use. If
@if {test -f ../install.SH}
you know of one, please tell me about it. If the default is './install',
then I shall be using the install script supplied with $package.
@else
you know of one,
 please tell me about it.
@end

EOM
@if {test -f ../install.SH}
fn='/fe~(install,./install)'
@else
fn='/fe~(install)'
@end
rp='Which install program shall I use?'
. ./getfile
install="$ans"

@if installdir
: how can we create nested directories?
echo " "
echo "Ok, let's see how we can create nested directories..." >&4
case "$installdir" in
")
?X: First time, maybe we already found out a working one in $creatdir above...
?X: Prefer "mkdir -p" because of bugs in GNU install when not running as root
 $mkdir -p foo/bar >/dev/null 2>&1
 if $test -d foo/bar; then
  echo "Great, we can build them using 'mkdir -p'."
  creatdir='mkdir -p'
 else
  case "$creatdir" in
  ")
   if eval "$install -d foo/bar"; $test -d foo/bar; then
```

```
   creatdir="install -d"
   echo "It looks like '$creatdir' will do it for us."
  fi
  ;;
 *)
  eval "$creatdir foo/bar" >/dev/null 2>&1
  if $test -d foo/bar; then
   echo "Ah! We can use '$creatdir' to do just that."
  else
   creatdir=''
  fi
  ;;
 esac
fi
$rm
-rf foo
case "$creatdir" in
'')
 echo "Heck! Another ancient system lacking the comfort of modern ones!"
@if {test -f ../install.SH}
 echo "You can thank $package for bringing you its own install script!"
 installdir='./install -d'
@else
 echo "We have no choice but to use plain old 'mkdir' -- wish me luck!"
 installdir=mkdir
@end
 ;;
*) installdir="$creatdir";;
esac
;;
*) echo "As you already told me, '$installdir' should work.";;
esac

@end
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/install.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_socks5_init: Inlibc
```

```
?MAKE: -pick add $@ %<
?S:d_socks5_init:
?S: This variable conditionally defines the HAS_SOCKS5_INIT symbol, which
?S: indicates to the C program that the socks5_init() routine is available.
?S:.
?C:HAS_SOCKS5_INIT:
?C: This symbol, if defined, indicates that the socks5_init routine is
?C: available to initialize SOCKS 5.
?C:.
?H:#$d_socks5_init HAS_SOCKS5_INIT  /**/
?H:.
?LINT:set d_socks5_init
: see if socks5_init exists
set socks5_init d_socks5_init
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_socks5_init.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1996, Andy Dougherty
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: sitearch.U,v $
?RCS: Revision 3.0.1.1  1997/02/28  16:21:30  ram
?RCS: patch61: created
?RCS:
?MAKE:sitearch sitearchexp installsitearch: afs cat Getfile \
 Oldconfig Prefixit prefix test archname sitelib
?MAKE: -pick add $@ %<
?Y:TOP
?S:sitearch:
?S: This variable contains the eventual value of the SITEARCH symbol,
?S: which is the name of the private library for this package.  It may
?S: have a ~ on the front. It is up to the makefile to eventually create
?S: this
 directory while performing installation (with ~ substitution).
?S:.
?S:sitearchexp:
```

```
?S: This variable is the ~name expanded version of sitearch, so that you
?S: may use it directly in Makefiles or shell scripts.
?S:.
?S:installsitearch:
?S: This variable is really the same as sitearchexp but may differ on
?S: those systems using AFS. For extra portability, only this variable
?S: should be used in makefiles.
?S:.
?C:SITEARCH:
?C: This symbol contains the name of the private library for this package.
?C: The library is private in the sense that it needn't be in anyone's
?C: execution path, but it should be accessible by the world.  The program
?C: should be prepared to do ~ expansion.
?C: The standard distribution will put nothing in this directory.
?C: Individual sites may place their own extensions and modules in
?C: this directory.
?C:.
?C:SITEARCH_EXP:
?C: This symbol contains the ~name expanded version of SITEARCH, to be used
?C: in programs that are not prepared to deal
 with ~ expansion at run-time.
?C:.
?H:#define SITEARCH "$sitearch"  /**/
?H:#define SITEARCH_EXP "$sitearchexp"  /**/
?H:.
?T:xxx
: determine where site specific architecture-dependent libraries go.
xxx=`echo $sitelib/$archname | sed 's!^$prefix!!'`
: xxx is usually lib/site_perl/archname.
set sitearch sitearch none
eval $prefixit
case "$sitearch" in
") dflt="$sitelib/$archname" ;;
*) dflt="$sitearch" ;;
esac
$cat <<EOM

The installation process will also create a directory for
architecture-dependent site-specific extensions and modules.

EOM
fn=nd~+
rp='Pathname for the site-specific architecture-dependent library files?'
. ./getfile
if $test "X$sitearchexp" != "X$ansexp"; then
 installsitearch="
fi
sitearch="$ans"
```

```
sitearchexp="$ansexp"
if $afs; then
 $cat <<EOM

Since you are running AFS, I need to distinguish the directory in which
private files reside from the directory in which they are installed (and from
which they are presumably copied to the former directory by occult means).

EOM
 case
 "$installsitearch" in
 ") dflt=`echo $sitearchexp | sed 's#^/afs/#/afs/.#'`;;
 *) dflt="$installsitearch";;
 esac
 fn=de~
 rp='Where will private files be installed?'
 . ./getfile
 installsitearch="$ans"
else
 installsitearch="$sitearchexp"
fi
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/sitearch.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_portable.U,v $
?RCS: Revision 3.0.1.2  1995/01/11  15:28:52  ram
?RCS: patch45: executable path stripping moved to the end in Config_sh.U
?RCS:
?RCS: Revision 3.0.1.1  1993/12/15  08:21:17  ram
?RCS: patch15: did not strip variables properly when needed
?RCS: patch15: now also strips down variables from trylist
?RCS:
?RCS: Revision 3.0  1993/08/18  12:06:48  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
```

```
?X:
?X: The Loc unit is wanted to get the definition of all the locating variables.
?X:
?MAKE:d_portable:
 cat Loc Myread Oldconfig
?MAKE: -pick add $@ %<
?S:d_portable:
?S: This variable conditionally defines the PORTABLE symbol, which
?S: indicates to the C program that it should not assume that it is
?S: running on the machine it was compiled on.
?S:.
?C:PORTABLE:
?C: This symbol, if defined, indicates to the C program that it should
?C: not assume that it is running on the machine it was compiled on.
?C: The program should be prepared to look up the host name, translate
?C: generic filenames, use PATH, etc.
?C:.
?H:#$d_portable PORTABLE /**/
?H:.
?D:d_portable="
: decide how portable to be
case "$d_portable" in
"$define") dflt=y;;
*) dflt=n;;
esac
$cat <<'EOH'

I can set things up so that your shell scripts and binaries are more portable,
at what may be a noticable cost in performance.  In particular, if you
ask to be portable, the following happens:

    1) Shell scripts will rely on the PATH variable rather than using
 the paths derived above.
    2) ~username
 interpretations will be done at run time rather than
 by Configure.
@if PHOSTNAME
    3) The system name will be determined at run time, if at all possible.
@end

EOH
rp="Do you expect to run these scripts and binaries on multiple machines?"
. ./myread
case "$ans" in
 y*) d_portable="$define"
?X:
?X: Paths will be stripped down (/usr/bin/vi -> vi) in Config_sh.U if needed.
?X:
```

```
 ;;
 *)  d_portable="$undef" ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_portable.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_strcoll.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_strcoll.U,v $
?RCS: Revision 3.0.1.1  1994/08/29  16:12:01  ram
?RCS: patch32: created by ADO
?RCS:
?MAKE:d_strcoll: Inlibc
?MAKE: -pick add $@ %<
?S:d_strcoll:
?S: This variable conditionally defines HAS_STRCOLL if strcoll() is
?S: available to compare strings using collating information.
?S:.
?C:HAS_STRCOLL:
?C: This symbol, if defined, indicates that the strcoll routine
 is
?C: available to compare strings using collating information.
?C:.
?H:#$d_strcoll HAS_STRCOLL /**/
?H:.
?LINT:set d_strcoll
: see if strcoll exists
set strcoll d_strcoll
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_strcoll.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_gethname.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_gethname.U,v $
?RCS: Revision 3.0.1.1  1994/10/29  16:13:00  ram
?RCS: patch36: call ./xenix explicitly instead of relying on PATH
?RCS:
?RCS: Revision 3.0  1993/08/18  12:06:11  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_gethname d_uname d_phostname aphostname: phostname cat \
 myhostname package d_portable Loc echo n c +i_whoami +usrinc \
 Myread Guess Oldconfig Csym
?MAKE: -pick add $@ %<
?S:d_gethname:
?S: This variable conditionally
 defines the HAS_GETHOSTNAME symbol, which
?S: indicates to the C program that the gethostname() routine may be
?S: used to derive the host name.
?S:.
?S:d_uname:
?S: This variable conditionally defines the HAS_UNAME symbol, which
?S: indicates to the C program that the uname() routine may be
?S: used to derive the host name.
?S:.
?S:d_phostname:
?S: This variable conditionally defines the HAS_PHOSTNAME symbol, which
?S: contains the shell command which, when fed to popen(), may be
?S: used to derive the host name.
?S:.
?S:aphostname:
?S: This variable contains the command which can be used to compute the
?S: host name. The command is fully qualified by its absolute path, to make
?S: it safe when used by a process with super-user privileges.
?S:.
?C:HAS_GETHOSTNAME (GETHOSTNAME):
?C: This symbol, if defined, indicates that the C program may use the
?C: gethostname() routine to derive the host name.  See also HAS_UNAME
?C: and PHOSTNAME.
?C:.
?C:HAS_UNAME (UNAME):
```

```
?C: This symbol,
 if defined, indicates that the C program may use the
?C: uname() routine to derive the host name.  See also HAS_GETHOSTNAME
?C: and PHOSTNAME.
?C:.
?C:PHOSTNAME:
?C: This symbol, if defined, indicates the command to feed to the
?C: popen() routine to derive the host name.  See also HAS_GETHOSTNAME
?C: and HAS_UNAME. Note that the command uses a fully qualified path,
?C: so that it is safe even if used by a process with super-user
?C: privileges.
?C:.
?C:HAS_PHOSTNAME:
?C: This symbol, if defined, indicates that the C program may use the
?C: contents of PHOSTNAME as a command to feed to the popen() routine
?C: to derive the host name.
?C:.
?H:?%<:#$d_gethname HAS_GETHOSTNAME /**/
?H:?%<:#$d_uname HAS_UNAME  /**/
?H:?%<:#$d_phostname HAS_PHOSTNAME /**/
?H:?%<:#ifdef HAS_PHOSTNAME
?H:?%<:#define PHOSTNAME "$aphostname" /* How to get the host name */
?H:?%<:#endif
?H:.
?T:file val call
?LINT:change i_whoami
: see how we will look up host name
echo " "
call=''
@if HAS_GETHOSTNAME
if
 set gethostname val -f d_gethname; eval $csym; $val; then
 echo 'gethostname() found.' >&4
 d_gethname="$define"
 call=gethostname
fi
@end
@if HAS_UNAME
if set uname val -f d_uname; eval $csym; $val; then
 if ./xenix; then
  $cat <<'EOM'
uname() was found, but you're running xenix, and older versions of xenix
have a broken uname(). If you don't really know whether your xenix is old
enough to have a broken system call, use the default answer.

EOM
  dflt=y
  case "$d_uname" in
```

```
  "$define") dflt=n;;
  esac
  rp='Is your uname() broken?'
  . ./myread
  case "$ans" in
  n*) d_uname="$define"; call=uname;;
  esac
 else
  echo 'uname() found.' >&4
  d_uname="$define"
  case "$call" in
  ") call=uname ;;
  esac
 fi
fi
@end
case "$d_gethname" in
") d_gethname="$undef";;
esac
case "$d_uname" in
") d_uname="$undef";;
esac
@if PHOSTNAME || MYHOSTNAME
case "$d_uname$d_gethname" in
*define*)
 dflt=n
 cat <<EOM

Every now and then someone has a $call() that lies about the hostname
but can't be fixed
 for political or economic reasons.  If you wish, I can
@if MYHOSTNAME && PHOSTNAME
pretend $call() isn't there and maybe compile in the hostname or
compute it from the '$phostname' command at run-time.
@elsif MYHOSTNAME
pretend $call() isn't there and maybe compile in the hostname.
@elsif PHOSTNAME
pretend $call() isn't there and maybe compute hostname at run-time
thanks to the '$phostname' command.
@elsif WHOAMI
get the hostname from whomai.h (provided you have one).
@else
simply ignore your host name and use someting like "noname" instead.
@end

EOM
 rp="Shall I ignore $call() from now on?"
 . ./myread
```

```
 case "$ans" in
 y*) d_uname="$undef" d_gethname="$undef"; $echo $n "Okay...$c";;
 esac;;
esac
@end
@if PHOSTNAME || aphostname
?X: Compute the full path name for the command
case "$phostname" in
") aphostname=";;
*) case "$aphostname" in
 /*) ;;
 *) set X $phostname
  shift
  file=$1
  shift
  file=`./loc $file $file $pth`
  aphostname=`echo $file $*`
  ;;
 esac
 ;;
esac
@end
@if
 PHOSTNAME && MYHOSTNAME
case "$d_uname$d_gethname" in
*define*) ;;
*)
 case "$phostname" in
 ") ;;
 *)
  $cat <<EOT

There is no gethostname() or uname() on this system.  You have two
possibilities at this point:

1)  You can have your host name ($myhostname) compiled into $package, which
   lets $package start up faster, but makes your binaries non-portable, or
2)  you can have $package use a

 popen("$aphostname","r")

   which will start slower but be more portable.

@ if WHOAMI
Option 1 will give you the option of using whoami.h if you have one.
@ end
If you want option 2 but with a different command, you can edit config.sh at
the end of this shell script.
```

```
EOT
  case "$d_phostname" in
  "$define") dflt=n;;
  "$undef")  dflt=y;;
  ")
   case "$d_portable" in
   "$define") dflt=n ;;
   *) dflt=y ;;
   esac;;
  esac
  rp="Do you want your host name compiled in?"
  . ./myread
  case "$ans" in
  n*) d_phostname="$define" ;;
  *) aphostname=''; d_phostname="$undef";;
  esac;;
 esac
 case
 "$aphostname" in
 ")
@ if WHOAMI
  case "$i_whoami" in
  "$define")
   dflt=y
   $cat <<EOM

No hostname function--you can either use the whoami.h file, which has this line:

 `grep sysname $usrinc/whoami.h`

or you can have the name we came up with earlier ($myhostname) hardwired in.
EOM
   rp="Use whoami.h to get hostname?"
   . ./myread
   case "$ans" in
   n*) i_whoami="$undef";;
   esac
   ;;
  "$undef")
   $cat <<EOM
No hostname function and no whoami.h -- hardwiring "$myhostname".
EOM
   ;;
  esac;;
@ else
  echo 'No hostname function -- hardwiring "'$myhostname'".' >&4;;
@ end
```

```
 esac;;
esac
@elsif PHOSTNAME
case "$d_uname$d_gethname" in
*define*) ;;
*)
 case "$phostname" in
 ")
@ if WHOAMI
  case "$i_whoami" in
  "$define")
   $cat <<EOM

No hostname function--we'll use the whoami.h file, which has this line:

 `grep sysname $usrinc/whoami.h`

EOM
   ;;
  *) echo "There will be no way for $package to get your hostname." >&4;;
  esac;;
@ else
  echo "There will be no way
 for $package to get your hostname." >&4;;
@ end
 *)
 echo "I'll use 'popen(""""$aphostname"", "r")"" to get your hostname." >&4
  ;;
 esac;;
esac
@elsif MYHOSTNAME
case "$d_uname$d_gethname" in
*define*) ;;
*)
@ if WHOAMI
 case "$i_whoami" in
 "$define")
  dflt=y
  $cat <<EOM

No hostname function--you can either use the whoami.h file, which has this line:

 `grep sysname $usrinc/whoami.h`

or you can have the name we came up with earlier ($myhostname) hardwired in.
EOM
  rp="Use whoami.h to get hostname?"
  . ./myread
```

```
  case "$ans" in
  n*) i_whoami="$undef";;
  esac
  ;;
 "$undef")
  echo 'No whoami.h--hardwiring "'$myhostname'".' >&4;;
 esac;;
@ else
 echo 'Hardwiring "'$myhostname'".' >&4;;
@ end
esac
@end
case "$d_phostname" in
") d_phostname="$undef";;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/d_gethname.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_fmod.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic Licence; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: Original Author: Andy Dougherty <doughera@lafcol.lafayette.edu>
?RCS:
?RCS: $Log: d_fmod.U,v $
?RCS: Revision 3.0.1.1  1994/10/29  16:12:46  ram
?RCS: patch36: created by ADO
?RCS:
?MAKE:d_fmod: Inlibc
?MAKE: -pick add $@ %<
?S:d_fmod:
?S: This variable conditionally defines the HAS_FMOD symbol, which
?S: indicates to the C program that the fmod() routine is available.
?S: See also d_drem for the drem() routine which does roughly the same.
?S:.
?C:HAS_FMOD
 :
?C: This symbol, if defined, indicates that the fmod routine is
?C: available to compute the remainder r=x-n*y where n=trunc(x/y).
```

```
?C:.
?H:#$d_fmod HAS_FMOD  /**/
?H:.
?LINT:set d_fmod
: see if fmod exists
set fmod d_fmod
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_fmod.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id$
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic License,
?RCS: as specified in the README file that comes with the distribution.
?RCS: You may reuse parts of this distribution only within the terms of
?RCS: that same Artistic License; a copy of which may be found at the root
?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: cppstdin.U,v $
?RCS: Revision 3.0.1.4  1994/10/29  16:08:34  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0.1.3  1994/01/24  14:05:38  ram
?RCS: patch16: comment for CPPLAST was missing
?RCS:
?RCS: Revision 3.0.1.2  1993/12/15  08:18:58  ram
?RCS: patch15: new variables cpprun and cpplast, guaranteed wrapper-free
?RCS: patch15: cppstdin now tries to use cc, even at the cost of a wrapper
?RCS:
?RCS: Revision 3.0.1.1  1993/08/25  14:00:53  ram
?RCS: patch6:
 remove wrapper when not actually used
?RCS:
?RCS: Revision 3.0  1993/08/18  12:05:38  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:cppstdin cppminus cpprun cpplast: contains test Myread Oldconfig Loc \
 cpp +cc rm hint osname gccversion startsh eunicefix
?MAKE: -pick add $@ %<
?S:cppstdin:
?S: This variable contains the command which will invoke the C
?S: preprocessor on standard input and put the output to stdout.
?S: It is primarily used by other Configure units that ask about
```

```
?S: preprocessor symbols.
?S:.
?S:cppminus:
?S: This variable contains the second part of the string which will invoke
?S: the C preprocessor on the standard input and produce to standard
?S: output.  This variable will have the value "-" if cppstdin needs
?S: a minus to specify standard input, otherwise the value is "".
?S:.
?S:cpprun:
?S: This variable contains the command which will invoke a C preprocessor
?S: on standard input and put the output to stdout. It is guaranteed not
?S: to be a wrapper
 and may be a null string if no preprocessor can be
?S: made directly available. This preprocessor might be different from the
?S: one used by the C compiler. Don't forget to append cpplast after the
?S: preprocessor options.
?S:.
?S:cpplast:
?S: This variable has the same functionality as cppminus, only it applies to
?S: cpprun and not cppstdin.
?S:.
?C:CPPSTDIN:
?C: This symbol contains the first part of the string which will invoke
?C: the C preprocessor on the standard input and produce to standard
?C: output.  Typical value of "cc -E" or "/lib/cpp", but it can also
?C: call a wrapper. See CPPRUN.
?C:.
?C:CPPMINUS:
?C: This symbol contains the second part of the string which will invoke
?C: the C preprocessor on the standard input and produce to standard
?C: output.  This symbol will have the value "-" if CPPSTDIN needs a minus
?C: to specify standard input, otherwise the value is "".
?C:.
?C:CPPRUN:
?C: This symbol contains the string which will invoke a C preprocessor on
?C: the
 standard input and produce to standard output. It needs to end
?C: with CPPLAST, after all other preprocessor flags have been specified.
?C: The main difference with CPPSTDIN is that this program will never be a
?C: pointer to a shell wrapper, i.e. it will be empty if no preprocessor is
?C: available directly to the user. Note that it may well be different from
?C: the preprocessor used to compile the C program.
?C:.
?C:CPPLAST:
?C: This symbol is intended to be used along with CPPRUN in the same manner
?C: symbol CPPMINUS is used with CPPSTDIN. It contains either "-" or "".
?C:.
?H:#define CPPSTDIN "$cppstdin"
```

```
?H:#define CPPMINUS "$cppminus"
?H:#define CPPRUN "$cpprun"
?H:#define CPPLAST "$cpplast"
?H:.
?F:cppstdin !testcpp.out !testcpp.c
?T:wrapper x_cpp x_minus ok
: see how we invoke the C preprocessor
echo " "
echo "Now, how can we feed standard input to your C preprocessor..." >&4
cat <<'EOT' >testcpp.c
#define ABC abc
#define XYZ xyz
ABC.XYZ
EOT
cd ..
if $test ! -f cppstdin;
 then
 echo "$startsh" >cppstdin
if $test "X$osname" = "Xaix" -a "X$gccversion" = X; then
?X: AIX cc -E doesn't show the absolute headerfile
?X: locations but we'll cheat by using the -M flag.
 echo 'cat >.$$.c; rm -f .$$.u; '"$cc" ${1+"$@"} -M -c .$$.c 2>/dev/null; \
 test -s .$$.u && \
 awk '""""$2 ~ /\.h$/ { print "# 0 \""$2"\"" }"""" .$$.u; \
 rm -f .$$.o .$$.u; '"$cc" -E ${1+"$@"} .$$.c; rm .$$.c' >> cppstdin
else
 echo 'cat >.$$.c; '"$cc" -E ${1+"$@"} .$$.c; rm .$$.c' >>cppstdin
fi; else
 echo "Keeping your $hint cppstdin wrapper."
fi
chmod 755 cppstdin
$eunicefix cppstdin
wrapper=`pwd`/cppstdin
ok='false'
cd UU

?X:
?X: We'll run the cpp tests again if we don't have any valid C preprocessor
?X: yet or don't know how to proceed without a wrapper (in which case cpprun
?X: is empty and that's really annoying...)
?X:
if $test "X$cppstdin" != "X" && \
 $cppstdin $cppminus <testcpp.c >testcpp.out 2>&1 && \
 $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1
then
 echo "You used to use
 $cppstdin $cppminus so we'll use that again."
 case "$cpprun" in
```

```
 ") echo "But let's see if we can live without a wrapper..." ;;
 *)
  if $cpprun $cpplast <testcpp.c >testcpp.out 2>&1 && \
   $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1
  then
   echo "(And we'll use $cpprun $cpplast to preprocess directly.)"
   ok='true'
  else
   echo "(However, $cpprun $cpplast does not work, let's see...)"
  fi
  ;;
 esac
else
 case "$cppstdin" in
 ") ;;
 *)
  echo "Good old $cppstdin $cppminus does not seem to be of any help..."
  ;;
 esac
fi

if $ok; then
 : nothing
elif echo 'Maybe """$cc"' -E" will work...'; \
 $cc -E <testcpp.c >testcpp.out 2>&1; \
 $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
 echo "Yup, it does."
 x_cpp="$cc -E"
 x_minus=";
elif echo 'Nope...maybe """$cc"' -E -" will work...'; \
 $cc -E - <testcpp.c >testcpp.out 2>&1; \
 $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
 echo "Yup, it does."
 x_cpp="$cc -E"
 x_minus='-';
elif echo 'Nope...maybe """$cc"'
 -P" will work...'; \
 $cc -P <testcpp.c >testcpp.out 2>&1; \
 $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
 echo "Yipee, that works!"
 x_cpp="$cc -P"
 x_minus=";
elif echo 'Nope...maybe """$cc"' -P -" will work...'; \
 $cc -P - <testcpp.c >testcpp.out 2>&1; \
 $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
 echo "At long last!"
 x_cpp="$cc -P"
 x_minus='-';
```

```
elif echo 'No such luck, maybe "'$cpp'" will work...'; \
 $cpp <testcpp.c >testcpp.out 2>&1; \
 $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
 echo "It works!"
 x_cpp="$cpp"
 x_minus="";
elif echo 'Nixed again...maybe "'$cpp' -" will work...'; \
 $cpp - <testcpp.c >testcpp.out 2>&1; \
 $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
 echo "Hooray, it works!  I was beginning to wonder."
 x_cpp="$cpp"
 x_minus='-';
elif echo 'Uh-uh.  Time to get fancy.  Trying a wrapper...'; \
 $wrapper <testcpp.c >testcpp.out 2>&1; \
 $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
 x_cpp="$wrapper"
 x_minus=''
 echo
 "Eureka!"
else
 dflt=''
 rp="No dice.  I can't find a C preprocessor.  Name one:"
 . ./myread
 x_cpp="$ans"
 x_minus=''
 $x_cpp <testcpp.c >testcpp.out 2>&1
 if $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1 ; then
  echo "OK, that will do." >&4
 else
echo "Sorry, I can't get that to work.  Go find one and rerun Configure." >&4
  exit 1
 fi
fi

case "$ok" in
false)
 cppstdin="$x_cpp"
 cppminus="$x_minus"
 cpprun="$x_cpp"
 cpplast="$x_minus"
?X:
?X: If /lib/cpp is used, try using a wrapper to increase our chances to have
?X: the C compiler and our $cppstdin agree on the same symbols... However,
?X: since cpprun is guaranteed not to be a wrapper, we must clear it if the
?X: only preprocessor we found was a wrapper, with all our luck...
?X:
 set X $x_cpp
 shift
```

```
 case "$1" in
 "$cpp")
  echo "Perhaps can we force $cc -E using a wrapper..."
  if $wrapper <testcpp.c >testcpp.out 2>&1; \
   $contains 'abc.*xyz' testcpp.out >/dev/null 2>&1
  then
   echo "Yup, we can."
   cppstdin="$wrapper"
   cppminus=";
  else
   echo
 "Nope, we'll have to live without it..."
  fi
  ;;
 esac
 case "$cpprun" in
 "$wrapper")
  cpprun="
  cpplast="
  ;;
 esac
 ;;
esac

case "$cppstdin" in
"$wrapper"|'cppstdin') ;;
*) $rm -f $wrapper;;
esac
$rm -f testcpp.c testcpp.out
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/cppstdin.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: dlsrc.U,v$
?RCS:
?RCS: Copyright (c) 1996-1998, Andy Dougherty
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?RCS: $Log: dlext.U,v $
?RCS:
?X:  hpux support thanks to Jeff Okamoto <okamoto@hpcc101.corp.hp.com>
?X:
?X:  To create a shared library, you must compile ALL source files in the
?X:  library with +z (or possibly +Z if the library is whopping huge),
```

```
?X:  then link the library with -b.  Example:
?X:   cc -c +z module_a.c
?X:   cc -c +z module_b.c
?X:   ld -b module_a.o module_b.o -o module.sl
?X:
?MAKE:dlext: \
 Getfile Myread cat usedl so
?MAKE: -pick add $@ %<
?Y:BOTTOM
?S:dlext:
?S: This variable contains the extension that is to be used for the
?S: dynamically loaded modules that perl generates.
?S:.
: Check what extension to use for shared libs
case "$usedl" in
$define|y|true)
 $cat <<
 EOM

On a few systems, the dynamically loaded modules that perl generates and uses
will need a different extension than shared libs. The default will probably
be appropriate.

EOM
 case "$dlext" in
 ") dflt="$so" ;;
 *) dflt="$dlext" ;;
 esac
 rp='What is the extension of dynamically loaded modules'
 . ./myread
 dlext="$ans"
 ;;
*)
 dlext="none"
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/dlext.U
No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: d_memccpy.U 1 2006-08-24 12:32:52Z rmanfredi $
?RCS:
?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
?RCS:
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
```

```
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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: d_memccpy.U,v $
?RCS: Revision 3.0  1993/08/18  12:06:31  ram
?RCS: Baseline for dist 3.0 netwide release.
?RCS:
?MAKE:d_memccpy: Inlibc
?MAKE: -pick add $@ %<
?S:d_memccpy:
?S: This variable conditionally defines the HAS_MEMCCPY symbol, which
?S: indicates to the C program that the memccpy() routine is available
?S: to copy a character into a block of memory.
?S:.
?C:HAS_MEMCCPY (MEMCCPY):
?C: This symbol, if defined, indicates that the memccpy routine
 is available
?C: to copy a character into a block of memory.  Otherwise you should
?C: roll your own.
?C:.
?H:#$d_memccpy HAS_MEMCCPY  /**/
?H:.
?LINT:set d_memccpy
: see if memccpy exists
set memccpy d_memccpy
eval $inlibc
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/d_memccpy.U
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?RCS:
?MAKE:gidformat: gidsize gidsign ivsize uvsize longsize intsize shortsize \
 ivdformat uvuformat test echo
?MAKE: -pick add $@ %<
?S:gidformat:
?S: This variable contains the format string used for printing a Gid_t.
?S:.
?C:Gid_t_f:
?C: This symbol defines the format string used for printing a Gid_t.
```

```
?C:.
?H:#define Gid_t_f  $gidformat  /**/
?H:.
: Check format string for GID

echo " "
$echo "Checking the format string to be used for gids..." >&4

case "$gidsign" in
-1) if $test X"$gidsize" = X"$ivsize"; then
  gidformat="$ivdformat"
 else
  if $test X"$gidsize" = X"$longsize"; then
   gidformat="'ld'"
  else
   if $test X"$gidsize" = X"$intsize"; then
    gidformat="'d'"
   else
    if $test X"$gidsize"
 = X"$shortsize"; then
     gidformat="'hd'"
    fi
   fi
  fi
 fi
 ;;
*) if $test X"$gidsize" = X"$uvsize"; then
  gidformat="$uvuformat"
 else
  if $test X"$gidsize" = X"$longsize"; then
   gidformat="'lu'"
  else
   if $test X"$gidsize" = X"$intsize"; then
    gidformat="'u'"
   else
    if $test X"$gidsize" = X"$shortsize"; then
     gidformat="'hu'"
    fi
   fi
  fi
 fi
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/typedefs/gidf.U

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?RCS: of the source tree for dist 4.0.
?RCS:
?RCS: $Log: i_varhdr.U,v $
?RCS: Revision 3.0.1.3  1997/02/28  15:54:42  ram
?RCS: patch61: varargs script now starts with leading "startsh"
?RCS:
?RCS: Revision 3.0.1.2  1994/10/29  16:21:02  ram
?RCS: patch36: added ?F: line for metalint file checking
?RCS:
?RCS: Revision 3.0.1.1  1994/05/13  15:26:05  ram
?RCS: patch27: this unit now supersedes old i_stdarg.U and i_varargs.U
?RCS: patch27: modified to avoid spurious Whoa warnings (ADO)
?RCS:
?RCS: Revision 3.0  1993/08/18  12:08:49  ram
?RCS: Baseline for
 dist 3.0 netwide release.
?RCS:
?MAKE:i_stdarg i_varargs i_varhdr: cat +cc +ccflags rm test Setvar \
 Findhdr Warn startsh _o
?MAKE: -pick add $@ %<
?S:i_stdarg:
?S: This variable conditionally defines the I_STDARG symbol, which
?S: indicates to the C program that <stdarg.h> exists and should
?S: be included.
?S:.
?S:i_varargs:
?S: This variable conditionally defines I_VARARGS, which indicates
?S: to the C program that it should include <varargs.h>.
?S:.
?S:i_varhdr:
?S: Contains the name of the header to be included to get va_dcl definition.
?S: Typically one of varargs.h or stdarg.h.
?S:.
?C:I_STDARG:
?C: This symbol, if defined, indicates that <stdarg.h> exists and should
?C: be included.
?C:.
?C:I_VARARGS:
```

```
?C: This symbol, if defined, indicates to the C program that it should
?C: include <varargs.h>.
?C:.
?H:#$i_stdarg I_STDARG  /**/
?H:#$i_varargs I_VARARGS /**/
?H:.
?W:%<:va_dcl
?F:!varargs
?T:valstd
?LINT:set i_stdarg i_varargs
?X:
?X: Don't use setvar because the varags test
 below might override these.
?X: Actually, the messages here are just informative. We don't wish to set
?X: i_varargs or i_stdarg to their final value before knowing which of the
?X: two we'll include.
?X:
: see if stdarg is available
echo " "
if $test `./findhdr stdarg.h`; then
 echo "<stdarg.h> found." >&4
 valstd="$define"
else
 echo "<stdarg.h> NOT found." >&4
 valstd="$undef"
fi

: see if varags is available
echo " "
if $test `./findhdr varargs.h`; then
 echo "<varargs.h> found." >&4
else
 echo "<varargs.h> NOT found, but that's ok (I hope)." >&4
fi

?X:
?X: if you have stdarg.h, you need to support prototypes to actually use it;
?X: but if stdarg.h exists and the compiler doesn't support prototypes (for some
?X: bizarre reason), we'll fall back to varargs.h anyway so it's not so bad.
?X:
: set up the varargs testing programs
$cat > varargs.c <<EOP
#ifdef I_STDARG
#include <stdarg.h>
#endif
#ifdef I_VARARGS
#include <varargs.h>
#endif
```

```
#ifdef I_STDARG
int f(char *p, ...)
#else
int
 f(va_alist)
va_dcl
#endif
{
 va_list ap;
#ifndef I_STDARG
 char *p;
#endif
#ifdef I_STDARG
 va_start(ap,p);
#else
 va_start(ap);
 p = va_arg(ap, char *);
#endif
 va_end(ap);
}
EOP
$cat > varargs <<EOP
$startsh
if $cc -c $ccflags -D\$1 varargs.c >/dev/null 2>&1; then
 echo "true"
else
 echo "false"
fi
$rm -f varargs$_o
EOP
chmod +x varargs

: now check which varargs header should be included
echo " "
i_varhdr=''
case "$valstd" in
"$define")
 if `./varargs I_STDARG`; then
  val='stdarg.h'
 elif `./varargs I_VARARGS`; then
  val='varargs.h'
 fi
 ;;
*)
 if `./varargs I_VARARGS`; then
  val='varargs.h'
 fi
```

```
 ;;
esac
case "$val" in
")
 ./warn "I could not find the definition for va_dcl... You have problems..."
 val="$undef"; set i_stdarg; eval $setvar
 val="$undef"; set i_varargs; eval $setvar
 ;;
*)
 set i_varhdr
 eval $setvar
 case "$i_varhdr" in
 stdarg.h)
  val="$define"; set i_stdarg; eval $setvar
  val="$undef"; set i_varargs; eval $setvar
  ;;
 varargs.h)
  val="$undef"; set i_stdarg;
 eval $setvar
  val="$define"; set i_varargs; eval $setvar
  ;;
 esac
 echo "We'll include <$i_varhdr> to get va_dcl definition." >&4;;
esac
$rm -f varargs*
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/i_varhdr.U
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?RCS: of the source tree for dist 3.0.
?RCS:
?MAKE:i_netinettcp: Inhdr
?MAKE: -pick add $@ %<
?S:i_netinettcp:
?S: This variable conditionally defines the I_NETINET_TCP symbol,
?S: and indicates whether a C program should include <netinet/tcp.h>.
?S:.
?C:I_NETINET_TCP:
```

```
?C: This symbol, if defined, indicates to the C program that it should
?C: include <netinet/tcp.h>.
?C:.
?H:#$i_netinettcp   I_NETINET_TCP               /**/
?H:.
?LINT:set i_netinettcp
: see if netinet/tcp.h is available
set netinet/tcp.h i_netinettcp
eval $inhdr
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_netinettcp.U
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```
?RCS: $Id: man1dir.U,v 3.2 1999/07/08 20:57:21 doughera Exp doughera $
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?RCS: of the source tree for dist 3.0.
?RCS:
?RCS: $Log: man1dir.U,v $
?RCS: Revision 3.2  1999/07/08 20:57:21  doughera
?RCS: Used installprefix.
?RCS:
?RCS: Revision 3.1  1999/07/08 20:52:19  doughera
?RCS: Updated for perl5.005_5x
?RCS:
?RCS: Revision 3.0.1.1  1997/02/28  16:10:29  ram
?RCS: patch61: created
?RCS:
?X: This was originally specific to perl5.  Since perl5 has man pages that
?X: go in both man1/ and man3/ directories, we need both man1dir
?X: and
 man3dir.  This unit is basically dist's mansrc.U with
?X: man1 used instead of man everywhere.
?X:
?MAKE:man1dir man1direxp man1ext installman1dir: cat nroff Loc Oldconfig \
 spackage test Getfile Setprefixvar Prefixit Prefixup sysman Myread \
 prefixexp
?MAKE: -pick add $@ %<
?Y:TOP
?D:man1dir="
```

```
?S:man1dir:
?S: This variable contains the name of the directory in which manual
?S: source pages are to be put.  It is the responsibility of the
?S: Makefile.SH to get the value of this into the proper command.
?S: You must be prepared to do the ~name expansion yourself.
?S:.
?D:man1direxp=''
?S:man1direxp:
?S: This variable is the same as the man1dir variable, but is filename
?S: expanded at configuration time, for convenient use in makefiles.
?S:.
?D:installman1dir=''
?S:installman1dir:
?S: This variable is really the same as man1direxp, unless you are using
?S: AFS in which case it points to the read/write location whereas
?S: man1direxp only points to the read-only access location.
 For extra
?S: portability, you should only use this variable within your makefiles.
?S:.
?S:man1ext:
?S: This variable contains the extension that the manual page should
?S: have: one of 'n', 'l', or '1'.  The Makefile must supply the '.'.
?S: See man1dir.
?S:.
?T:lookpath
?LINT:change prefixvar
?LINT:set man1direxp
: determine where manual pages go
set man1dir man1dir none
eval $prefixit
$cat <<EOM

$spackage has manual pages available in source form.
EOM
case "$nroff" in
nroff)
 echo "However, you don't have nroff, so they're probably useless to you."
 case "$man1dir" in
 '') man1dir="none";;
 esac;;
esac
echo "If you don't want the manual sources installed, answer 'none'."
case "$man1dir" in
' ') dflt=none
 ;;
'')
 lookpath="$prefixexp/share/man/man1"
 lookpath="$lookpath $prefixexp/man/man1 $prefixexp/man/l_man/man1"
```

```
 lookpath="$lookpath $prefixexp/man/p_man/man1"
 lookpath="$lookpath $prefixexp/man/u_man/man1"
 lookpath="$lookpath $prefixexp/man/man.1"
?X: Experience has shown people
 expect man1dir to be under prefix,
?X: so we now always put it there.  Users who want other behavior
?X: can answer interactively or use a command line option.
?X: Does user have System V-style man paths.
 case "$sysman" in
 */?_man*) dflt=`./loc . $prefixexp/l_man/man1 $lookpath` ;;
 *) dflt=`./loc . $prefixexp/man/man1 $lookpath` ;;
 esac
 set dflt
 eval $prefixup
 ;;
*)  dflt="$man1dir"
 ;;
esac
echo " "
fn=dn+~
rp="Where do the main $spackage manual pages (source) go?"
. ./getfile
if $test "X$man1direxp" != "X$ansexp"; then
 installman1dir=''
fi
prefixvar=man1dir
. ./setprefixvar

case "$man1dir" in
'') man1dir=' '
 installman1dir='';;
esac

: What suffix to use on installed man pages

case "$man1dir" in
' ')
 man1ext='0'
 ;;
*)
 rp="What suffix should be used for the main $spackage man pages?"
 case "$man1ext" in
 '') case "$man1dir" in
  *1)  dflt=1 ;;
  *1p) dflt=1p ;;
  *1pm) dflt=1pm ;;
  *l) dflt=l;;
  *n) dflt=n;;
```

```
  *o) dflt=o;;
  *p) dflt=p;;
  *C) dflt=C;;
  *L) dflt=L;;
  *L1)
 dflt=L1;;
  *) dflt=1;;
  esac
  ;;
 *) dflt="$man1ext";;
 esac
 . ./myread
 man1ext="$ans"
 ;;
esac
```

Found in path(s):
* /opt/cola/permits/1854928199_1701225705.9160655/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/installdirs/man1dir.U

1.2499 python3.8 3.8.10-0ubuntu1~20.04.9

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A. HISTORY OF THE SOFTWARE
==========

Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations, which became
Zope Corporation. In 2001, the Python Software Foundation (PSF, see
https://www.python.org/psf/) was formed, a non-profit organization
created specifically to own Python-related Intellectual Property.
Zope Corporation was a sponsoring member of the PSF.

All

Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to

BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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1.2506 golang-jwt 4.4.2

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Ext headers GL/glext.h Khronos
GL/glxext.h Khronos
GL/wglext.h Khronos
KHR/khrplatform.h Khronos

****

---
include/GL/gl.h
:

Mesa 3-D graphics library

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```
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`888'     `8' `888   `Y88.  `8888    d8'
 888       8   888   .d88'    Y888..8P
```

```
          888      8   888ooo88P'     `8888'
          888      8   888          .8PY888.
          `88.
  .8'   888         d8'  `888b
            `YbodP'    o888o       o888o  o88888o
```

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/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)
* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
*
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
* interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
* and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
* re-established. (put back CFG_PHYIE)
*
*   Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.

```
*
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
*
* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather
 lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
*
* Implementing minimal-copy of received data:
*   IDT always receives data into a small buffer, then large buffers
*     as needed. This means that data must always be copied to create
*     the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
*     Fix is simple: make large buffers large enough to hold entire
*     SDU, and leave <small_buffer_data> bytes empty at the start. Then
*     copy small buffer contents to head of large buffer.
*   Trick is to avoid fragmenting Linux, due to need for a lot of large
*     buffers. This is done by 2 things:
*       1) skb->destructor / skb->atm.recycle_buffer
*           combined, allow nicstar_free_rx_skb to be called to
*           recycle large data buffers
*       2) skb_clone of received buffers
*   See nicstar_free_rx_skb and linearize_buffer for implementation
*     details.
*
*
*
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*   Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.
*
* M. Welsh, 6 July 1996
*
*
```

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1.2515 tar 1.30+dfsg-7ubuntu0.20.04.4

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1.2516 snappy-java 1.1.10.5

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Manifest-Version: 1.0

Bnd-LastModified: 1695799258578
Bundle-ActivationPolicy: lazy
Bundle-Activator: org.xerial.snappy.SnappyBundleActivator
Bundle-Description: snappy-java: A fast compression/decompression libr
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Bundle-DocURL: http://www.xerial.org/
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-ManifestVersion: 2
Bundle-Name: snappy-java: A fast compression/decompression library
Bundle-NativeCode: org/xerial/snappy/native/Windows/x86_64/snappyjava.
dll;osname=win32;processor=x86-64,org/xerial/snappy/native/Windows/x8
6_64/snappyjava.dll;osname=win32;processor=x64,org/xerial/snappy/nati
ve/Windows/x86_64/snappyjava.dll;osname=win32;processor=amd64,org/xer
ial/snappy/native/Windows/x86/snappyjava.dll;osname=win32;processor=x
86,org/xerial/snappy/native/Mac/x86/libsnappyjava.jnilib;osname=macos
x;processor=x86,org/xerial/snappy/native/Mac/x86_64/libsnappyjava.dyl
ib;osname=macosx;processor=x86-64,org/xerial/snappy/native/Mac/aarch6
4/libsnappyjava.dylib;osname=macosx;processor=aarch64,org/xerial/snap
py/native/Linux/x86_64/libsnappyjava.so;osname=linux;processor=x86-64
,org/xerial/snappy/native/Linux/x86_64/libsnappyjava.so;osname=linux;
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osname=linux;processor=amd64,org/xerial/snappy/native/Linux/x86/libsn
appyjava.so;osname=linux;processor=x86,org/xerial/snappy/native/Linux
/aarch64/libsnappyjava.so;osname=linux;processor=aarch64,org/xerial/s
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x;processor=arm,org/xerial/snappy/native/Linux/armv7/libsnappyjava.so
;osname=linux;processor=arm_le,org/xerial/snappy/native/Linux/ppc64/l
ibsnappyjava.so;osname=linux;processor=ppc64le,org/xerial/snappy/nati
ve/Linux/s390x/libsnappyjava.so;osname=linux;processor=s390x,org/xeri
al/snappy/native/AIX/ppc/libsnappyjava.a;osname=aix;processor=ppc,org
/xerial/snappy/native/AIX/ppc64/libsnappyjava.a;osname=aix;processor=
ppc64,org/xerial/snappy/native/SunOS/x86/libsnappyjava.so;osname=suno
s;processor=x86,org/xerial/snappy/native/SunOS/x86_64/libsnappyjava.s
o;osname=sunos;processor=x86-64,org/xerial/snappy/native/SunOS/sparc/
libsnappyjava.so;osname=sunos;processor=sparc
Bundle-SymbolicName: org.xerial.snappy.snappy-java
Bundle-Vendor: xerial.org
Bundle-Version: 1.1.10.5
Created-By: 11.0.20 (Azul Systems, Inc.)
Export-Package: org.xerial.snappy;uses:="org.osgi.framework,org.xerial
.snappy.buffer,org.xerial.snappy.pool";version="1.1.10",org.xerial.sn
appy.buffer;version="1.1.10",org.xerial.snappy.pool;version="1.1.10"
Implementation-Title: snappy-java
Implementation-URL: https://github.com/xerial/snappy-java
Implementation-Vendor: xerial.org
Implementation-Vendor-Id: org.xerial.snappy
Implementation-Version: 1.1.10.5

Import-Package: org.osgi.framework;version="[1.5,2)"
Private-Package:
 org.xerial.snappy.native.AIX.ppc,org.xerial.snappy.na
tive.AIX.ppc64,org.xerial.snappy.native.FreeBSD.x86_64,org.xerial.sna
ppy.native.Linux.aarch64,org.xerial.snappy.native.Linux.android-aarch
64,org.xerial.snappy.native.Linux.android-arm,org.xerial.snappy.nativ
e.Linux.arm,org.xerial.snappy.native.Linux.armv6,org.xerial.snappy.na
tive.Linux.armv7,org.xerial.snappy.native.Linux.ppc,org.xerial.snappy
.native.Linux.ppc64,org.xerial.snappy.native.Linux.ppc64le,org.xerial
.snappy.native.Linux.riscv64,org.xerial.snappy.native.Linux.s390x,org
.xerial.snappy.native.Linux.x86,org.xerial.snappy.native.Linux.x86_64
,org.xerial.snappy.native.Mac.aarch64,org.xerial.snappy.native.Mac.x8
6,org.xerial.snappy.native.Mac.x86_64,org.xerial.snappy.native,org.xe
rial.snappy.native.SunOS.sparc,org.xerial.snappy.native.SunOS.x86,org
.xerial.snappy.native.SunOS.x86_64,org.xerial.snappy.native.Windows.a
arch64,org.xerial.snappy.native.Windows.x86,org.xerial.snappy.native.
Windows.x86_64
Require-Capability:
 osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.7))"
Specification-Title: snappy-java
Specification-Vendor: xerial.org
Specification-Version: 1.1.10.5
Tool: Bnd-5.1.2.202007211702

Found in path(s):
* /opt/cola/permits/1866412376_1702418090.4402528/0/snappy-java-1-1-10-5-1-jar/META-INF/MANIFEST.MF

1.2517 prometheus-client-model 0.4.0

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1.2518 prometheus-client-model 0.3.0

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uganda.txt For Vim version 8.1. Last change: 2018 May 17

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http://iccf-holland.org/
http://www.vim.org/iccf/
http://www.iccf.nl/

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4) The contact information as required under 2)a) and 2)d) must not be removed or changed, except that the person himself can make corrections.

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=== end of license ===

Note:

- If you are happy with Vim, please express that by reading the rest of this file and consider helping needy children in Uganda.

- If you want to support further Vim development consider becoming a |sponsor|. The money goes to Uganda anyway.

- According to Richard Stallman the Vim license is GNU GPL compatible. A few minor changes have been made since he checked it, but that should not make a difference.

- If you link Vim with a library that goes under the GNU GPL, this limits further
distribution to the GNU GPL. Also when you didn't actually change anything in Vim.

- Once a change is included that goes under the GNU GPL, this forces all further changes to also be made under the GNU GPL or a compatible license.

- If you distribute a modified version of Vim, you can include your name and contact information with the "--with-modified-by" configure argument or the MODIFIED_BY define.

==========
Kibaale Children's Centre *kcc* *Kibaale* *charity*

Kibaale Children's Centre (KCC) is located in Kibaale, a small town in the south of Uganda, near Tanzania, in East Africa. The area is known as Rakai District. The population is mostly farmers. Although people are poor, there is enough food. But this district is suffering from AIDS more than any other part of the world. Some say that it started there. Estimations are that 10 to 30% of the Ugandans are infected with HIV. Because parents

die, there are
many orphans. In this district about 60,000 children have lost one or both parents, out of a population of 350,000. And this is still continuing.

The children need a lot of help. The KCC is working hard to provide the needy with food, medical care and education. Food and medical care to keep them healthy now, and education so that they can take care of themselves in the future. KCC works on a Christian base, but help is given to children of any religion.

The key to solving the problems in this area is education. This has been neglected in the past years with president Idi Amin and the following civil wars. Now that the government is stable again, the children and parents have to learn how to take care of themselves and how to avoid infections. There is also help for people who are ill and hungry, but the primary goal is to prevent people from getting ill and to teach them how to grow healthy food.

Most of the orphans are living in an extended family. An uncle
or older
sister is taking care of them. Because these families are big and the income (if any) is low, a child is lucky if it gets healthy food. Clothes, medical care and schooling is beyond its reach. To help these needy children, a sponsorship program was put into place. A child can be financially adopted. For a few dollars a month KCC sees to it that the child gets indispensable items, is healthy, goes to school and KCC takes care of anything else that needs to be done for the child and the family that supports it.

Besides helping the child directly, the environment where the child grows up needs to be improved. KCC helps schools to improve their teaching methods. There is a demonstration school at the centre and teacher trainings are given. Health workers are being trained, hygiene education is carried out and households are stimulated to build a proper latrine. I helped setting up a production site for cement slabs. These are used to build a good latrine. They are sold
below cost price.

There is a small clinic at the project, which provides children and their family with medical help. When needed, transport to a hospital is offered. Immunization programs are carried out and help is provided when an epidemic is breaking out (measles and cholera have been a problem).

donate

Summer 1994 to summer 1995 I spent a whole year at the centre, working as a volunteer. I have helped to expand the centre and worked in the area of water and sanitation. I learned that the help that the KCC provides really helps. When I came back to Holland, I wanted to continue supporting KCC. To do this I'm raising funds and organizing the sponsorship program. Please consider one of these possibilities:

Open Source Used In Policy Control Function Software 2024.01.0.i64 24739

1. Sponsor a child in primary school: 17 euro a month (or more).
2. Sponsor a child in secondary school: 25 euro a month (or more).
3. Sponsor the clinic: Any amount a month or quarter
4. A one-time donation

Compared with other organizations that do child sponsorship
the amounts are
very low. This is because the money goes directly to the centre. Less than
5% is used for administration. This is possible because this is a small
organization that works with volunteers. If you would like to sponsor a
child, you should have the intention to do this for at least one year.

How do you know that the money will be spent right? First of all you have my
personal guarantee as the author of Vim. I trust the people that are working
at the centre, I know them personally. Furthermore, the centre has been
co-sponsored and inspected by World Vision, Save the Children Fund and is now
under the supervision of Pacific Academy Outreach Society. The centre is
visited about once a year to check the progress (at our own cost). I have
visited the centre myself many times, starting in 1993. The visit reports are
on the ICCF web site.

If you have any further questions, send me e-mail: <Bram@vim.org>.

The address of the centre is:
Kibaale Children's Centre
p.o.
box 1658
Masaka, Uganda, East Africa

Sending money: *iccf-donations*

Check the ICCF web site for the latest information! See |iccf| for the URL.

USA: The methods mentioned below can be used.
Sending a check to the Nehemiah Group Outreach Society (NGOS)
is no longer possible, unfortunately. We are looking for
another way to get you an IRS tax receipt.
For sponsoring a child contact KCF in Canada (see below). US
checks can be sent to them to lower banking costs.

Canada: Contact Kibaale Children's Fund (KCF) in Surrey, Canada. They
take care of the Canadian sponsors for the children in
Kibaale. KCF forwards 100% of the money to the project in
Uganda. You can send them a one time donation directly.
Please send me a note so that I know what has been donated
because of Vim. Ask KCF for information about sponsorship.
Kibaale Children's Fund c/o Pacific Academy

10238-168 Street
Surrey, B.C. V4N 1Z4
Canada
Phone: 604-581-5353

If you make a donation to Kibaale Children's Fund (KCF) you will receive a tax receipt which can be submitted with your tax return.

Holland: Transfer to the account of "Stichting ICCF Holland" in Lisse.
This will allow for tax deduction if you live in Holland.
Postbank, nr. 4548774
IBAN: NL95 INGB 0004 5487 74

Germany: It is possible to make donations that allow for a tax return.
Check the ICCF web site for the latest information:
http://iccf-holland.org/germany.html

World: Use a postal money order. That should be possible from any country, mostly from the post office. Use this name (which is in my passport): "Abraham Moolenaar". Use Euro for the currency if possible.

Europe: Use a bank transfer if possible. Your bank should have a form that you can use for this. See "Others" below for the swift code and IBAN number.
Any other method should work. Ask for information about sponsorship.

Credit Card: You can use PayPal to send money with a Credit card. This is the most widely used Internet based payment system. It's really simple to use. Use this link to find more info:
https://www.paypal.com/en_US/mrb/pal=XAC62PML3GF8Q
The e-mail address for sending the money to is:
Bram@iccf-holland.org
For amounts above 400 Euro ($500) sending a check is preferred.

Others: Transfer to one of these accounts if possible:
Postbank, account 4548774
Swift code: INGB NL 2A
IBAN: NL95 INGB 0004 5487 74
under the name "stichting ICCF Holland", Lisse
If that doesn't work:
Rabobank Lisse, account 3765.05.117
Swift code: RABO NL 2U
under the name "Bram Moolenaar", Lisse

Otherwise, send a check in euro or US dollars to the address
below. Minimal amount: $70 (my bank does not accept smaller
amounts for foreign check, sorry)

Address to send checks to:
Bram Moolenaar
Finsterruetihof 1
8134 Adliswil
Switzerland

This address is expected to be valid for a long time.

vim:tw=78:ts=8:noet:ft=help:norl:

1.2521 apache-http-server 2.4.41-4ubuntu3.15

1.2521.1 Available under license :


```
<?xml version="1.0" encoding="ISO-8859-1"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" lang="en" xml:lang="en"><head>
<meta content="text/html; charset=ISO-8859-1" http-equiv="Content-Type" />
<!--
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
        This file is generated from xml source: DO NOT EDIT
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
    -->
<title>The Apache License, Version 2.0 - Apache HTTP Server Version 2.4</title>
<link href="./style/css/manual.css" rel="stylesheet" media="all" type="text/css" title="Main stylesheet" />
<link href="./style/css/manual-loose-100pc.css" rel="alternate stylesheet" media="all" type="text/css" title="No Sidebar - Default font size" />
<link href="./style/css/manual-print.css" rel="stylesheet" media="print" type="text/css" /><link rel="stylesheet" type="text/css" href="./style/css/prettify.css"
 />
<script src="./style/scripts/prettify.min.js" type="text/javascript">
</script>

<link href="./images/favicon.ico" rel="shortcut icon" /></head>
<body id="manual-page" class="no-sidebar"><div id="page-header">
<p class="menu"><a href="./mod/">Modules</a> | <a href="./mod/directives.html">Directives</a> | <a href="http://wiki.apache.org/httpd/FAQ">FAQ</a> | <a href="./glossary.html">Glossary</a> | <a href="./sitemap.html">Sitemap</a></p>
<p class="apache">Apache HTTP Server Version 2.4</p>
<img alt="" src="./images/feather.png" /></div>
<div class="up"><a href="./"><img title="&lt;-" alt="&lt;-" src="./images/left.gif" /></a></div>
```

Apache > HTTP Server > Documentation > Version 2.4 <h1>The Apache License, Version 2.0</h1>

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 Languages: en

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class="section"><h2>Comments</h2><div
class="warning">Notice:
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<script type="text/javascript"><!--//--><![CDATA[//><!--
var comments_shortname = 'httpd';
var comments_identifier = 'http://httpd.apache.org/docs/2.4/license.html';
(function(w, d) {

```
  if (w.location.hostname.toLowerCase() == "httpd.apache.org") {
      d.write('<div id="comments_thread"><\/div>');
      var s = d.createElement('script');
      s.type = 'text/javascript';
      s.async = true;
      s.src = 'https://comments.apache.org/show_comments.lua?site=' + comments_shortname + '&page=' +
comments_identifier;
       (d.getElementsByTagName('head')[0] || d.getElementsByTagName('body')[0]).appendChild(s);
  }
  else {
      d.write('<div id="comments_thread">Comments are disabled for this page at the moment.<\/div>');
  }
})(window, document);
//--><![]></script></div><div id="footer">
<p class="apache">Copyright 2019 The Apache Software Foundation.<br />Licensed under the <a
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<p class="menu"><a href="./mod/">Modules</a> | <a href="./mod/directives.html">Directives</a> | <a
href="http://wiki.apache.org/httpd/FAQ">FAQ</a> | <a href="./glossary.html">Glossary</a> | <a
href="./sitemap.html">Sitemap</a></p></div><script type="text/javascript">><!--//--><![CDATA[//><!--
if (typeof(prettyPrint) !== 'undefined') {
  prettyPrint();
}
//--><![]></script>
</body></html>
```

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*
*/
```

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```
/*****************************************************************************
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* National Center for Supercomputing Applications
* University of Illinois at Urbana-Champaign
* 605 E. Springfield, Champaign, IL 61820
* httpd@ncsa.uiuc.edu
*
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 *
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/*
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Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people for their input:
Mike Belshe (mbelshe@netscape.com)
Michael Campanella (campanella@stevms.enet.dec.com)

*/
<?xml version="1.0" encoding="UTF-8" ?>
<!-- GENERATED FROM XML: DO NOT EDIT -->

<metafile reference="license.xml">
<basename>license</basename>
<path>/</path>
<relpath>.</relpath>

<variants>
<variant>en</variant>
</variants>
</metafile>

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1.2525 gopkg.in-yaml 2.4.0

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1.2526 kubernetes-cliruntime 0.28.2

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tomb - support for clean goroutine termination in Go.

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- javaee_6.xsd
- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
 - javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
- web-app_3_1.xsd
- web-common_3_1.xsd
- web-fragment_3_1.xsd
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- javaee_6.xsd

- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
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Schemas for Java EE Deployment Descriptors:
- javaee_5.xsd
- javaee_web_services_1_2.xsd
- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
- web-app_3_1.xsd
- web-common_3_1.xsd
- web-fragment_3_1.xsd
- javaee_8.xsd
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- javaee_web_services_1_3.xsd
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- web-app_3_0.xsd
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* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/reader/Editor.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/reader/Candidate.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/builtins/ConfigurationPath.java

* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/reader/impl/completer/ArgumentCompleter.java
*
 /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/impl/AbstractWindowsTerminal.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/utils/InfoCmp.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/utils/Status.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/reader/impl/completer/StringsCompleter.java
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* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/builtins/Completers.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/builtins/Nano.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/reader/impl/DefaultHighlighter.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/widget/TailTipWidgets.java
*
 /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/reader/impl/history/DefaultHistory.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/reader/PrintAboveWriter.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/builtins/TTop.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/builtins/Styles.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/console/impl/ConsoleEngineImpl.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/utils/AttributedStyle.java
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* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/console/SystemRegistry.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/impl/AbstractTerminal.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/console/ArgDesc.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/utils/AttributedCharSequence.java
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* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/spi/TerminalProvider.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/impl/Diag.java
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class = org.jline.terminal.impl.jansi.JansiTerminalProvider

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* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/utils/Display.java
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* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/console/CommandMethods.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/console/ScriptEngine.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/reader/CompletionMatcher.java
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* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/impl/jna/freebsd/CLibrary.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/console/CmdLine.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/utils/Log.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/widget/AutosuggestionWidgets.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/console/impl/JlineCommandRegistry.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/console/CommandRegistry.java

* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/reader/impl/ReaderUtils.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/impl/jna/JnaNativePty.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/reader/EndOfFileException.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/impl/jna/solaris/CLibrary.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/impl/jna/linux/CLibrary.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/impl/jna/win/JnaWinSysTerminal.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/utils/Signals.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/impl/jansi/win/JansiWinSysTerminal.java
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* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/impl/jna/linux/LinuxNativePty.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/reader/LineReaderBuilder.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/reader/impl/DefaultParser.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/impl/jna/freebsd/FreeBsdNativePty.java
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* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/utils/ColorPalette.java
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* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/style/StyleResolver.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/impl/AbstractWindowsConsoleWriter.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/utils/NonBlockingPumpReader.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/reader/impl/BufferImpl.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/impl/jansi/freebsd/FreeBsdNativePty.java
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* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/builtins/ssh/Ssh.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/utils/WriterOutputStream.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/impl/jansi/linux/LinuxNativePty.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/style/StyledWriter.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/builtins/telnet/Telnet.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/style/MemoryStyleSource.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/utils/NonBlockingPumpInputStream.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/utils/PumpReader.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/reader/Buffer.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/style/StyleColor.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/builtins/ssh/ShellFactoryImpl.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/impl/jansi/osx/OsXNativePty.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/builtins/ssh/ShellCommand.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/style/StyleBundle.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/impl/jna/win/JnaWinConsoleWriter.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/impl/jansi/win/JansiWinConsoleWriter.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/style/StyleBundleInvocationHandler.java
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* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/console/impl/SystemHighlighter.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/builtins/Source.java

* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/builtins/Commands.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/console/impl/SystemRegistryImpl.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/builtins/Less.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/console/impl/Builtins.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/reader/impl/LineReaderImpl.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/builtins/SyntaxHighlighter.java
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* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/builtins/telnet/ConnectionData.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/builtins/telnet/PortListener.java
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*
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#
class = org.jline.terminal.impl.exec.ExecTerminalProvider

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* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/reader/UserInterruptException.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/utils/DiffHelper.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/impl/jna/win/WindowsAnsiWriter.java
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* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/reader/impl/completer/AggregateCompleter.java
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* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/impl/NativeSignalHandler.java
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* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/reader/impl/DefaultExpander.java
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cpi_changes_res, cpix, YF
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hard_cursor, chts, HC
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has_print_wheel, daisy, YC

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hue_lightness_saturation, hls, hl
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memory_above, da, da
memory_below, db, db
move_insert_mode, mir, mi
move_standout_mode, msgr, ms
needs_xon_xoff, nxon, nx
no_esc_ctlc, xsb, xb
no_pad_char, npc,
NP
non_dest_scroll_region, ndscr, ND
non_rev_rmcup, nrrmc, NR
over_strike, os, os
prtr_silent, mc5i, 5i
row_addr_glitch, xvpa, YD
semi_auto_right_margin, sam, YE
status_line_esc_ok, eslok, es
tilde_glitch, hz, hz
transparent_underline, ul, ul
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init_tabs, it, it
label_height, lh, lh
label_width, lw, lw
lines, lines, li
lines_of_memory, lm, lm
magic_cookie_glitch, xmc, sg
max_attributes, ma, ma
max_colors, colors, Co
max_pairs, pairs, pa
maximum_windows, wnum, MW
no_color_video, ncv, NC
num_labels, nlab, Nl
padding_baud_rate, pb, pb
virtual_terminal, vt, vt
width_status_line, wsl, ws
bit_image_entwining, bitwin, Yo
bit_image_type, bitype, Yp
buffer_capacity, bufsz, Ya
buttons, btns, BT
dot_horz_spacing, spinh, Yc
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max_micro_address, maddr, Yd
max_micro_jump, mjump, Ye
micro_col_size, mcs, Yf
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number_of_pins, npins, Yh
output_res_char, orc, Yi
output_res_horz_inch, orhi, Yk
output_res_line, orl, Yj
output_res_vert_inch,
orvi, Yl
print_rate, cps, Ym
wide_char_size, widcs, Yn
acs_chars, acsc, ac
back_tab, cbt, bt
bell, bel, bl
carriage_return, cr, cr
change_char_pitch, cpi, ZA
change_line_pitch, lpi, ZB
change_res_horz, chr, ZC
change_res_vert, cvr, ZD
change_scroll_region, csr, cs
char_padding, rmp, rP
clear_all_tabs, tbc, ct
clear_margins, mgc, MC
clear_screen, clear, cl
clr_bol, el1, cb
clr_eol, el, ce
clr_eos, ed, cd
column_address, hpa, ch
command_character, cmdch, CC
create_window, cwin, CW
cursor_address, cup, cm
cursor_down, cud1, do
cursor_home, home, ho
cursor_invisible, civis, vi
cursor_left, cub1, le
cursor_mem_address, mrcup, CM
cursor_normal, cnorm, ve
cursor_right, cuf1, nd
cursor_to_ll, ll, ll
cursor_up, cuu1, up
cursor_visible, cvvis, vs
define_char, defc, ZE
delete_character, dch1, dc
delete_line, dl1, dl
dial_phone, dial, DI
dis_status_line, dsl, ds
display_clock, dclk, DK
down_half_line, hd, hd
ena_acs, enacs, eA
enter_alt_charset_mode, smacs, as
enter_am_mode, smam,

SA
enter_blink_mode, blink, mb
enter_bold_mode, bold, md
enter_ca_mode, smcup, ti
enter_delete_mode, smdc, dm
enter_dim_mode, dim, mh
enter_doublewide_mode, swidm, ZF
enter_draft_quality, sdrfq, ZG
enter_insert_mode, smir, im
enter_italics_mode, sitm, ZH
enter_leftward_mode, slm, ZI
enter_micro_mode, smicm, ZJ
enter_near_letter_quality, snlq, ZK
enter_normal_quality, snrmq, ZL
enter_protected_mode, prot, mp
enter_reverse_mode, rev, mr
enter_secure_mode, invis, mk
enter_shadow_mode, sshm, ZM
enter_standout_mode, smso, so
enter_subscript_mode, ssubm, ZN
enter_superscript_mode, ssupm, ZO
enter_underline_mode, smul, us
enter_upward_mode, sum, ZP
enter_xon_mode, smxon, SX
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exit_alt_charset_mode, rmacs, ae
exit_am_mode, rmam, RA
exit_attribute_mode, sgr0, me
exit_ca_mode, rmcup, te
exit_delete_mode, rmdc, ed
exit_doublewide_mode, rwidm, ZQ
exit_insert_mode, rmir, ei
exit_italics_mode, ritm, ZR
exit_leftward_mode, rlm, ZS
exit_micro_mode, rmicm, ZT
exit_shadow_mode, rshm,
ZU
exit_standout_mode, rmso, se
exit_subscript_mode, rsubm, ZV
exit_superscript_mode, rsupm, ZW
exit_underline_mode, rmul, ue
exit_upward_mode, rum, ZX
exit_xon_mode, rmxon, RX
fixed_pause, pause, PA
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flash_screen, flash, vb
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goto_window, wingo, WG
hangup, hup, HU
init_1string, is1, i1
init_2string, is2, is
init_3string, is3, i3
init_file, if, if
init_prog, iprog, iP
initialize_color, initc, Ic
initialize_pair, initp, Ip
insert_character, ich1, ic
insert_line, il1, al
insert_padding, ip, ip
key_a1, ka1, K1
key_a3, ka3, K3
key_b2, kb2, K2
key_backspace, kbs, kb
key_beg, kbeg, @1
key_btab, kcbt, kB
key_c1, kc1, K4
key_c3, kc3, K5
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key_clear, kclr, kC
key_close, kclo, @3
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key_dc, kdch1, kD
key_dl, kdl1, kL
key_down, kcud1, kd
key_eic, krmir, kM
key_end, kend, @7
key_enter, kent, @8
key_eol, kel, kE
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ked, kS
key_exit, kext, @9
key_f0, kf0, k0
key_f1, kf1, k1
key_f10, kf10, k;
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key_f14, kf14, F4
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key_f23, kf23, FD
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key_f39, kf39, FT
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key_f51, kf51, Ff
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key_f54, kf54, Fi
key_f55, kf55, Fj
key_f56, kf56, Fk
key_f57, kf57, Fl
key_f58, kf58,
Fm
key_f59, kf59, Fn
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key_f60, kf60, Fo
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key_f7, kf7, k7
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key_help, khlp, %1
key_home, khome, kh
key_ic, kich1, kI
key_il, kil1, kA
key_left, kcub1, kl
key_ll, kll, kH
key_mark, kmrk, %2
key_message, kmsg, %3
key_move, kmov, %4
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key_npage, knp, kN
key_open, kopn, %6
key_options, kopt, %7
key_ppage, kpp, kP
key_previous, kprv, %8
key_print, kprt, %9
key_redo, krdo, %0
key_reference, kref, &1
key_refresh, krfr, &2
key_replace, krpl, &3
key_restart, krst, &4
key_resume, kres, &5
key_right, kcuf1, kr
key_save, ksav, &6
key_sbeg, kBEG, &9
key_scancel, kCAN, &0
key_scommand, kCMD, *1
key_scopy, kCPY, *2
key_screate, kCRT, *3
key_sdc, kDC, *4
key_sdl, kDL, *5
key_select, kslt, *6
key_send, kEND, *7
key_seol, kEOL, *8
key_sexit, kEXT, *9
key_sf, kind, kF
key_sfind, kFND, *0
key_shelp, kHLP, #1
key_shome, kHOM, #2
key_sic, kIC, #3

key_sleft, kLFT, #4
key_smessage,
kMSG, %a
key_smove, kMOV, %b
key_snext, kNXT, %c
key_soptions, kOPT, %d
key_sprevious, kPRV, %e
key_sprint, kPRT, %f
key_sr, kri, kR
key_sredo, kRDO, %g
key_sreplace, kRPL, %h
key_sright, kRIT, %i
key_srsume, kRES, %j
key_ssave, kSAV, !1
key_ssuspend, kSPD, !2
key_stab, khts, kT
key_sundo, kUND, !3
key_suspend, kspd, &7
key_undo, kund, &8
key_up, kcuu1, ku
keypad_local, rmkx, ke
keypad_xmit, smkx, ks
lab_f0, lf0, l0
lab_f1, lf1, l1
lab_f10, lf10, la
lab_f2, lf2, l2
lab_f3, lf3, l3
lab_f4, lf4, l4
lab_f5, lf5, l5
lab_f6, lf6, l6
lab_f7, lf7, l7
lab_f8, lf8, l8
lab_f9, lf9, l9
label_format, fln, Lf
label_off, rmln, LF
label_on, smln, LO
meta_off, rmm, mo
meta_on, smm, mm
micro_column_address, mhpa, ZY
micro_down, mcud1, ZZ
micro_left, mcub1, Za
micro_right, mcuf1, Zb
micro_row_address, mvpa, Zc
micro_up, mcuu1, Zd
newline, nel, nw
order_of_pins, porder, Ze
orig_colors, oc, oc
orig_pair, op, op

pad_char, pad, pc
parm_dch, dch, DC
parm_delete_line, dl, DL
parm_down_cursor, cud, DO
parm_down_micro,
 mcud, Zf
parm_ich, ich, IC
parm_index, indn, SF
parm_insert_line, il, AL
parm_left_cursor, cub, LE
parm_left_micro, mcub, Zg
parm_right_cursor, cuf, RI
parm_right_micro, mcuf, Zh
parm_rindex, rin, SR
parm_up_cursor, cuu, UP
parm_up_micro, mcuu, Zi
pkey_key, pfkey, pk
pkey_local, pfloc, pl
pkey_xmit, pfx, px
plab_norm, pln, pn
print_screen, mc0, ps
prtr_non, mc5p, pO
prtr_off, mc4, pf
prtr_on, mc5, po
pulse, pulse, PU
quick_dial, qdial, QD
remove_clock, rmclk, RC
repeat_char, rep, rp
req_for_input, rfi, RF
reset_1string, rs1, r1
reset_2string, rs2, r2
reset_3string, rs3, r3
reset_file, rf, rf
restore_cursor, rc, rc
row_address, vpa, cv
save_cursor, sc, sc
scroll_forward, ind, sf
scroll_reverse, ri, sr
select_char_set, scs, Zj
set_attributes, sgr, sa
set_background, setb, Sb
set_bottom_margin, smgb, Zk
set_bottom_margin_parm, smgbp, Zl
set_clock, sclk, SC
set_color_pair, scp, sp
set_foreground, setf, Sf
set_left_margin, smgl, ML
set_left_margin_parm, smglp, Zm

set_right_margin,
smgr, MR
set_right_margin_parm, smgrp, Zn
set_tab, hts, st
set_top_margin, smgt, Zo
set_top_margin_parm, smgtp, Zp
set_window, wind, wi
start_bit_image, sbim, Zq
start_char_set_def, scsd, Zr
stop_bit_image, rbim, Zs
stop_char_set_def, rcsd, Zt
subscript_characters, subcs, Zu
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tab, ht, ta
these_cause_cr, docr, Zw
to_status_line, tsl, ts
tone, tone, TO
underline_char, uc, uc
up_half_line, hu, hu
user0, u0, u0
user1, u1, u1
user2, u2, u2
user3, u3, u3
user4, u4, u4
user5, u5, u5
user6, u6, u6
user7, u7, u7
user8, u8, u8
user9, u9, u9
wait_tone, wait, WA
xoff_character, xoffc, XF
xon_character, xonc, XN
zero_motion, zerom, Zx
alt_scancode_esc, scesa, S8
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bit_image_newline, binel, Zz
bit_image_repeat, birep, Xy
char_set_names, csnm, Zy
code_set_init, csin, ci
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define_bit_image_region, defbi, Yx
device_type, devt, dv
display_pc_char, dispc, S1
end_bit_image_region, endbi, Yy
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smpch, S2
enter_scancode_mode, smsc, S4
exit_pc_charset_mode, rmpch, S3

exit_scancode_mode, rmsc, S5
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pc_term_options, pctrm, S6
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req_mouse_pos, reqmp, RQ
scancode_escape, scesc, S7
set0_des_seq, s0ds, s0
set1_des_seq, s1ds, s1
set2_des_seq, s2ds, s2
set3_des_seq, s3ds, s3
set_a_background, setab, AB
set_a_foreground, setaf, AF
set_color_band, setcolor, Yz
set_lr_margin, smglr, ML
set_page_length, slines, YZ
set_tb_margin, smgtb, MT
enter_horizontal_hl_mode, ehhlm, Xh
enter_left_hl_mode, elhlm, Xl
enter_low_hl_mode, elohlm, Xo
enter_right_hl_mode, erhlm, Xr
enter_top_hl_mode, ethlm, Xt
enter_vertical_hl_mode, evhlm, Xv
set_a_attributes, sgr1, sA
set_pglen_inch, slength, sL

Found in path(s):
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/utils/capabilities.txt
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#
class = org.jline.terminal.impl.jna.JnaTerminalProvider

Found in path(s):
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/META-INF/services/org/jline/terminal/provider/jna
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Found in path(s):
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/reader/impl/KillRing.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/style/StyleExpression.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/utils/NonBlockingInputStream.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/utils/NonBlocking.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/utils/Curses.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/keymap/BindingReader.java
*
 /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/utils/NonBlockingReaderImpl.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/impl/ExternalTerminal.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/style/StyleSource.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/utils/StyleResolver.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/impl/jna/win/Kernel32.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/impl/PosixSysTerminal.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/impl/PosixPtyTerminal.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/utils/AttributedStringBuilder.java
*
 /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/reader/Completer.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/reader/MaskingCallback.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/utils/NonBlockingReader.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-

jar/org/jline/reader/CompletingParsedLine.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/builtins/InputRC.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/utils/Colors.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/utils/NonBlockingInputStreamImpl.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/Size.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/style/StyleFactory.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/reader/impl/completer/FileNameCompleter.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/utils/Timeout.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/reader/ParsedLine.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/Terminal.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/impl/LineDisciplineTerminal.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/reader/History.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/terminal/impl/DumbTerminal.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/style/Styler.java
* /opt/cola/permits/1881382372_1704719110.3418307/0/jline-3-22-0-sources-8-jar/org/jline/builtins/NfaMatcher.java

1.2535 tomcat-websocket 9.0.84

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1.2536 tomcat-util-scan 9.0.84

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1.2537 jline 3.5.2

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* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-
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* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-
jar/org/jline/utils/NonBlockingReader.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/utils/WCWidth.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-
jar/org/jline/utils/AttributedStyle.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/reader/Expander.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-
jar/org/jline/utils/AttributedCharSequence.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/reader/Widget.java
*

/opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/reader/Parser.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/utils/ClosedException.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/terminal/impl/jna/solaris/SolarisNativePty.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/utils/Signals.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/utils/package-info.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/terminal/impl/jna/osx/OsXNativePty.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/keymap/BindingReader.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/utils/DiffHelper.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/reader/Binding.java
*
/opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/terminal/impl/CursorSupport.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/terminal/impl/MouseSupport.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/terminal/Size.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/utils/Levenshtein.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/reader/impl/completer/package-info.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/reader/EndOfFileException.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/reader/Candidate.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/terminal/impl/AbstractWindowsTerminal.java
*
/opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/reader/Highlighter.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/terminal/Cursor.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/reader/impl/completer/ArgumentCompleter.java
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* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/META-INF/maven/org.jline/jline-remote-telnet/pom.xml
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/META-INF/maven/org.jline/jline-terminal-jansi/pom.xml
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* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/builtins/telnet/ConnectionListener.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/builtins/telnet/ConnectionData.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/builtins/telnet/ConnectionManager.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/builtins/telnet/ConnectionEvent.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/builtins/telnet/TelnetIO.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-

jar/org/jline/builtins/telnet/ConnectionFilter.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-
jar/org/jline/builtins/telnet/Connection.java
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* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-
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* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-
jar/org/jline/terminal/impl/jansi/JansiSupportImpl.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-
jar/org/jline/terminal/impl/jansi/JansiNativePty.java
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* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/reader/Buffer.java
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 /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-
jar/org/jline/terminal/impl/jansi/osx/OsXNativePty.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-
jar/org/jline/terminal/impl/jansi/linux/LinuxNativePty.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/builtins/Completers.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-
jar/org/jline/builtins/telnet/Telnet.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/reader/LineReader.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-
jar/org/jline/reader/impl/LineReaderImpl.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-
jar/org/jline/terminal/impl/jansi/solaris/SolarisNativePty.java
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jar/org/jline/terminal/impl/DumbTerminal.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/builtins/Nano.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-
jar/org/jline/terminal/impl/jna/win/JnaWinConsoleWriter.java
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jar/org/jline/utils/WriterOutputStream.java
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jar/org/jline/terminal/impl/jansi/freebsd/FreeBsdNativePty.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/builtins/NfaMatcher.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/reader/impl/SimpleMaskingCallback.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/reader/impl/BufferImpl.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/terminal/impl/jansi/win/JansiWinConsoleWriter.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/terminal/impl/jansi/win/JansiWinSysTerminal.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/builtins/ssh/Ssh.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/terminal/impl/PosixPtyTerminal.java
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/builtins/ssh/ShellFactoryImpl.java
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can_change, ccc, cc
ceol_standout_glitch, xhp, xs
col_addr_glitch, xhpa, YA
cpi_changes_res, cpix, YF
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has_print_wheel, daisy, YC
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move_standout_mode, msgr, ms
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no_pad_char,
 npc, NP
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non_rev_rmcup, nrrmc, NR
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prtr_silent, mc5i, 5i
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tilde_glitch, hz, hz
transparent_underline, ul, ul
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bit_image_type, bitype, Yp
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buttons, btns, BT
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dot_vert_spacing, spinv, Yb
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max_micro_jump, mjump, Ye
micro_col_size, mcs, Yf
micro_line_size, mls, Yg
number_of_pins, npins, Yh
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output_res_horz_inch, orhi, Yk
output_res_line, orl, Yj
output_res_vert_inch,
orvi, Yl
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clr_eos, ed, cd
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command_character, cmdch, CC
create_window, cwin, CW

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cursor_down, cud1, do
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cursor_visible, cvvis, vs
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dis_status_line, dsl, ds
display_clock, dclk, DK
down_half_line, hd, hd
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flash_screen, flash, vb
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hangup, hup, HU
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init_2string, is2, is
init_3string, is3, i3
init_file, if, if
init_prog, iprog, iP
initialize_color, initc, Ic
initialize_pair, initp, Ip
insert_character, ich1, ic
insert_line, il1, al
insert_padding, ip, ip
key_a1, ka1, K1
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key_backspace, kbs, kb
key_beg, kbeg, @1
key_btab, kcbt, kB
key_c1, kc1, K4
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key_clear, kclr, kC
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ked, kS
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key_help, khlp, %1
key_home, khome, kh
key_ic, kich1, kI
key_il, kil1, kA
key_left, kcub1, kl
key_ll, kll, kH
key_mark, kmrk, %2
key_message, kmsg, %3
key_move, kmov, %4
key_next, knxt, %5
key_npage, knp, kN
key_open, kopn, %6
key_options, kopt, %7
key_ppage, kpp, kP
key_previous, kprv, %8
key_print, kprt, %9
key_redo, krdo, %0
key_reference, kref, &1
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key_replace, krpl, &3
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key_shelp, kHLP, #1
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kMSG, %a
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key_snext, kNXT, %c
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key_sredo, kRDO, %g
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key_sright, kRIT, %i
key_srsume, kRES, %j
key_ssave, kSAV, !1
key_ssuspend, kSPD, !2
key_stab, khts, kT
key_sundo, kUND, !3
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key_undo, kund, &8
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keypad_local, rmkx, ke
keypad_xmit, smkx, ks
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lab_f1, lf1, l1
lab_f10, lf10, la
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lab_f5, lf5, l5
lab_f6, lf6, l6
lab_f7, lf7, l7
lab_f8, lf8, l8
lab_f9, lf9, l9
label_format, fln, Lf
label_off, rmln, LF
label_on, smln, LO
meta_off, rmm, mo
meta_on, smm, mm
micro_column_address, mhpa, ZY
micro_down, mcud1, ZZ
micro_left, mcub1, Za
micro_right, mcuf1, Zb
micro_row_address, mvpa, Zc
micro_up, mcuu1, Zd
newline, nel, nw
order_of_pins, porder, Ze
orig_colors, oc, oc
orig_pair, op, op
pad_char, pad, pc
parm_dch, dch, DC
parm_delete_line, dl, DL
parm_down_cursor, cud,
DO
parm_down_micro, mcud, Zf
parm_ich, ich, IC
parm_index, indn, SF
parm_insert_line, il, AL
parm_left_cursor, cub, LE
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parm_right_cursor, cuf, RI
parm_right_micro, mcuf, Zh
parm_rindex, rin, SR
parm_up_cursor, cuu, UP
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pkey_key, pfkey, pk
pkey_local, pfloc, pl
pkey_xmit, pfx, px
plab_norm, pln, pn
print_screen, mc0, ps
prtr_non, mc5p, pO
prtr_off, mc4, pf
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remove_clock, rmclk, RC

repeat_char, rep, rp
req_for_input, rfi, RF
reset_1string, rs1, r1
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scroll_forward, ind, sf
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select_char_set, scs, Zj
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set_bottom_margin, smgb, Zk
set_bottom_margin_parm, smgbp, Zl
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set_color_pair, scp, sp
set_foreground, setf, Sf
set_left_margin, smgl, ML
set_left_margin_parm, smglp, Zm
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smgr, MR
set_right_margin_parm, smgrp, Zn
set_tab, hts, st
set_top_margin, smgt, Zo
set_top_margin_parm, smgtp, Zp
set_window, wind, wi
start_bit_image, sbim, Zq
start_char_set_def, scsd, Zr
stop_bit_image, rbim, Zs
stop_char_set_def, rcsd, Zt
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to_status_line, tsl, ts
tone, tone, TO
underline_char, uc, uc
up_half_line, hu, hu
user0, u0, u0
user1, u1, u1
user2, u2, u2
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user6, u6, u6
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set2_des_seq, s2ds, s2
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set_a_background, setab, AB
set_a_foreground, setaf, AF
set_color_band, setcolor, Yz
set_lr_margin, smglr, ML
set_page_length, slines, YZ
set_tb_margin, smgtb, MT
enter_horizontal_hl_mode, ehhlm, Xh
enter_left_hl_mode, elhlm, Xl
enter_low_hl_mode, elohlm, Xo
enter_right_hl_mode, erhlm, Xr
enter_top_hl_mode, ethlm, Xt
enter_vertical_hl_mode, evhlm, Xv
set_a_attributes, sgr1, sA
set_pglen_inch, slength, sL

Found in path(s):
* /opt/cola/permits/1881835036_1704799087.6733184/0/jline-3-5-2-sources-1-jar/org/jline/utils/capabilities.txt

1.2538 golang 1.21.6

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1.2544 zstd 1.5.2

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1.2553 logr 1.3.0

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```
Package: logr
Title: Creates Log Files
Version: 1.3.0
Authors@R: c(
  person(given = "David",
         family = "Bosak",
         role = c("aut", "cre"),
         email = "dbosak01@gmail.com"),
  person("Rikard", "Isaksson", role = "ctb"))
Description: Contains functions to help create log files.  The
  package aims to overcome the difficulty of the base R sink() command.  The
  log_print() function will print to both the console and the file log,
  without interfering in other write operations.
License: CC0
Encoding: UTF-8
URL: https://logr.r-sassy.org
BugReports: https://github.com/dbosak01/logr/issues
Depends: R (>= 3.4.0)
Suggests:
  knitr,
  rmarkdown,
  testthat,
  tidylog,
  dplyr,
  covr
Imports: withr,
       utils,
       this.path
VignetteBuilder: knitr
Roxygen: list(markdown = TRUE)
RoxygenNote: 7.1.2
```

Found in path(s):
* /opt/cola/permits/1892506801_1706095861.09647/0/logr-1-3-0-4-zip/logr-1.3.0/DESCRIPTION
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/*
 Source: https://github.com/algolia/docsearch/

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*/

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/*!
* Bootstrap Table of Contents v0.4.1 (http://afeld.github.io/bootstrap-toc/)
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Found in path(s):
* /opt/cola/permits/1892506801_1706095861.09647/0/logr-1-3-0-4-zip/logr-1.3.0/docs/bootstrap-toc.js
* /opt/cola/permits/1892506801_1706095861.09647/0/logr-1-3-0-4-zip/logr-1.3.0/docs/bootstrap-toc.css

1.2554 blang-semver 4.0.0

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1.2555 masterminds-semver 3.2.1

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1.2556 kubernetes-klog 2.100.1

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1.2557 zlib 1.2.11

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1.2559 zlib 1.2.8

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1.2560 zlib 1.1.4

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* /opt/cola/permits/1892522327_1706083831.677597/0/jzlib-1-1-4-sources-4-jar/bayern/steinbrecher/jzlib/ZStreamException.java

* /opt/cola/permits/1892522327_1706083831.677597/0/jzlib-1-1-4-sources-4-jar/bayern/steinbrecher/jzlib/StaticTree.java
* /opt/cola/permits/1892522327_1706083831.677597/0/jzlib-1-1-4-sources-4-jar/bayern/steinbrecher/jzlib/Tree.java

1.2561 hashicorp-uuid 1.0.2

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package spec

// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
 Name string `json:"name,omitempty"`
 URL  string `json:"url,omitempty"`
}
# This source code was written by the Go contributors.
# The master list of contributors is in the main Go distribution,
# visible at https://tip.golang.org/CONTRIBUTORS.
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```

```
package spec

import "testing"

func TestIntegrationLicense(t *testing.T) {
 license := License{Name: "the name", URL: "the url"}
 const licenseJSON = `{"name":"the name","url":"the url"}`
 const licenseYAML = "name: the name\nurl: the url\n"

 assertSerializeJSON(t, license, licenseJSON)
 assertParsesJSON(t, licenseJSON, license)
}
```

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1.2564 logr 1.2.4

1.2564.1 Available under license :

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```
Package: logr
Title: Creates Log Files
Version: 1.2.4
Authors@R:
  person(given = "David",
         family = "Bosak",
         role = c("aut", "cre"),
         email = "dbosak01@gmail.com")
Description: Contains functions to help create log files.  The
  package aims to overcome the difficulty of the base R sink() command.  The
  log_print() function will print to both the console and the file log,
  without interfering in other write operations.
License: CC0
Encoding: UTF-8
URL: https://logr.r-sassy.org
BugReports: https://github.com/dbosak01/logr/issues
Depends: R (>= 3.4.0)
Suggests: knitr,
        rmarkdown,
        testthat,
        tidylog,
        dplyr,
        utils
Imports: withr
VignetteBuilder: knitr
Roxygen: list(markdown = TRUE)
RoxygenNote: 7.1.1
```

Found in path(s):
* /opt/cola/permits/1893063483_1706126891.2118979/0/dbosak01-logr-v1-2-4-0-g8c5ac86-1-tar-gz/dbosak01-logr-8c5ac86/DESCRIPTION

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```
/*!
* Bootstrap Table of Contents v0.4.1 (http://afeld.github.io/bootstrap-toc/)
* Copyright 2015 Aidan Feldman
* Licensed under MIT (https://github.com/afeld/bootstrap-toc/blob/gh-pages/LICENSE.md) */
```

Found in path(s):
* /opt/cola/permits/1893063483_1706126891.2118979/0/dbosak01-logr-v1-2-4-0-g8c5ac86-1-tar-gz/dbosak01-logr-8c5ac86/docs/bootstrap-toc.js
* /opt/cola/permits/1893063483_1706126891.2118979/0/dbosak01-logr-v1-2-4-0-g8c5ac86-1-tar-gz/dbosak01-logr-

8c5ac86/docs/bootstrap-toc.css
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/*
 Source: https://github.com/algolia/docsearch/
 License: MIT
*/

Found in path(s):
* /opt/cola/permits/1893063483_1706126891.2118979/0/dbosak01-logr-v1-2-4-0-g8c5ac86-1-tar-gz/dbosak01-logr-8c5ac86/docs/docsearch.css

1.2565 openjdk 8u392-ga-1~20.04

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Patch for Ubuntu bug #399071

Display the contents of /etc/legal as part of the MOTD, the first time the
user logs in, and set a flag in the user's homedir if possible to prevent
repeat displays.

Authors: Dustin Kirkland <kirkland@canonical.com>

Upstream status: Ubuntu-specific, maybe submit to Debian

Index: pam.ubuntu/modules/pam_motd/pam_motd.c
```
===================================================================
--- pam.ubuntu.orig/modules/pam_motd/pam_motd.c
+++ pam.ubuntu/modules/pam_motd/pam_motd.c
@@ -73,6 +73,61 @@
 close(fd);
}

+int display_legal(pam_handle_t *pamh)
+{
+    int retval = PAM_IGNORE, rc;
+    char *user = NULL;
+    char *dir = NULL;
+    char *flag = NULL;
+    struct passwd *pwd = NULL;
+    struct stat s;
+    int f;
+    /* Get the user name to determine if we need to print the disclaimer */
+    rc = pam_get_item(pamh, PAM_USER, &user);
+    if (rc == PAM_SUCCESS && user != NULL && *(const char *)user != '\0')
+    {
+        PAM_MODUTIL_DEF_PRIVS(privs);
+
+
       /* Get the password entry */
+        pwd = pam_modutil_getpwnam (pamh, user);
+        if (pwd != NULL)
+        {
+            if (pam_modutil_drop_priv(pamh, &privs, pwd)) {
+                pam_syslog(pamh, LOG_ERR,
+                           "Unable to change UID to %d temporarily\n",
+                           pwd->pw_uid);
+                retval = PAM_SESSION_ERR;
+                goto finished;
+            }
+
+            if (asprintf(&dir, "%s/.cache", pwd->pw_dir) == -1 || !dir)
+                goto finished;
+            if (asprintf(&flag, "%s/motd.legal-displayed", dir) == -1 || !flag)
+                goto finished;
+
+            if (stat(flag, &s) != 0)
+            {
+                display_file(pamh, "/etc/legal");
```

```
+               mkdir(dir, 0700);
+               f = open(flag, O_WRONLY|O_CREAT|O_EXCL,
+                       S_IRUSR|S_IWUSR|S_IRGRP|S_IROTH);
+               if (f>=0) close(f);
+           }
+
+finished:
+           if (pam_modutil_regain_priv(pamh,
 &privs)) {
+               pam_syslog(pamh, LOG_ERR,
+                        "Unable to change UID back to %d\n", privs.old_uid);
+               retval = PAM_SESSION_ERR;
+           }
+
+           _pam_drop(flag);
+           _pam_drop(dir);
+       }
+    }
+    return retval;
+}
+
PAM_EXTERN
int pam_sm_open_session(pam_handle_t *pamh, int flags,
   int argc, const char **argv)
@@ -116,6 +171,9 @@
    /* Display the updated motd */
    display_file(pamh, motd_path);

+    /* Display the legal disclaimer only if necessary */
+    retval = display_legal(pamh);
+
    return retval;
}
```

This package was debianized by J.H.M. Dassen (Ray) jdassen@debian.org on
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